Colorado MT Princeton #640 Drilling Chaffee Reports-Daily Shift Reports



SUMMARY OF DAILY ACTIVITIES

(FROM DRILL SHIFT REPORTS) HOLE No. _____ COLLAR ALT. _____ PROJECT Mt Princeton No. 640 County Chaffee BEARING: at start _____ at _____. HOURS SPENT STATE COLO Total shift hours Standay to survey INCLINATION at start _____ at ____ did no q quan Standaylother Dilling setter! Mater delay Mobilization, Mater hau oul coing se deing Cementing Wit Motet coord's _____ Washing Repairs ADDITIVES USED Advance (ft) Advar REMARKS Date Mud | Cement Other 200 hammer 7 4 640-13 12-1 0 200 0 4 Setupon 640-12, Took air compressor back to Denver. 12-3 0 200 200 640-12, move +0640-2 31bs celex 49347 8 1/2 416s celex 200 200 2 641)-2 Move to 640-4 200 200 640-4 200 200 640-6 2 sets 8 1/2 640-19 200 200 640-18 0 200 200 12-6 8 80 80 24. 6415-15 started 0 1 set 12-7 80 200 120 640-15 blude 3% 6411-53 200 200 644 12-8 200 200 2 sets \bigcirc 640-5 200 200 640-7 () 81/2 200 200 1/2 6412-8 1set 74, 12-9 41 bs celex 21/2 640-1 200 200 40 bludes 640-20 started 40 m , 0 40 60 20 Iset 640-20 lost circ. gaveup la 0 200 200 bludes 816s celev 4 640-26

HUGH M. HARRIS DRILL CO. COMPANY NAME COMPANY NAME AMA COMPANY NAME Price Per Hr Amount Price Per Hr Amount Price Per Hr Amount Price Per Hr Amount Hours 7/ Drill Hours Drill Hours Drill Hours Drill Hours Chemicals Chemicals Chemicals Chemicals Drilling Mud No. Drilling Mud No. _Drilling Mud No. Drilling Mud No. Circulation Material No. Circulation Material No. Circulation Material No. BITS: BITS: BITS: BITS: Serial Serial Serial Serial Amount Amount Amount Amount Retipped Rock Bits Retipped Rock Bits Retipped Rock Bits New Finger Bits New Finger Bits New Finger Bits New Finger Bits Total Total Total HOLE NO. 6413-13 HOLE NO. Lila- Z HOLE NO. _____ HOLE NO. Feet Drilled 200 Feet Drilled ______ Feet Drilled REMARKS: BRING Equil Down Mounta REMARKS: DRIVE To LOS SETUR DRILL TO REMARKS: PRILL DRILL TO TILL DOCK REMARKS: GET 122 ON hole 1640-2 TEAR DOWN Drove To hote 140-4 **Employee Time Employee Time Employee Time** Hours **Employee Time** Hours Hours

HUGH M. HARRIS DRILL CO.

HUGH M. HARRIS DRILL CO.

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Date	Date _/2 = 2 = 26	Date	Date
MPANY NAME	COMPANY NAME	COMPANY NAME	COMPANY NAME AMAX
move set up for Pipe.	35 has They out AUN PIPE, move, Set OR		3 has move, serve, RUN PIPE,
ours Price Per Hr Amount	Hours Price Per Hr Amount	Hours Price Per Hr Amount	Hours Price Per Hr Amount
Drill Hours @	Drill Hours @	Drill Hours @	
Chemicals @	Chemicals @	Chemicals @	Chemicals @
Drilling Mud No. @	Drilling Mud No. @	Drilling Mud No. @	Drilling Mud No. @
Circulation Material No. @	Circulation Material No.	Circulation Material No.	Circulation Material No.
TS:	BITS:	BITS:	BITS:
Serial Amount	Serial Amount	Serial Amount	Serial Amount
New Rock Bits	New Rock Bits	New Rock Bits	New Rock Bits
	Designed Deals Dite		Retipped Rock Bits
Retipped Rock Bits	Retipped Rock Bits	Retipped Rock Bits	
New Finger Bits	New Finger Bits	New Finger Bits	New Finger Bits
Total	Total	Total	Total
DLE NO4-6 640-7 640-6	HOLE NO. (1/2) 140 (2) 140 - 3	HOLE NO. 6416-14 14 140-25	HOLE NO. 140-4 140-6 640-19
Feet Drilled 600	Feet Drilled	Feet Drilled	Feet Drilled 600
EMARKS: DAULING TO- TOD 200 FT	REMARKS: Thow out, store Darthry ON	REMARKS: ///w/h.a.d. in the first part of the fi	REMARKS: DRIlling on bole & 640-4, 6
in bole's Eyo-5, 7, 8, Ron Pier	toole 640-15 To To Do 200 F AUN PIRE	Sole 141-18 How Pipe Arev- Set	TO T.D. 200 FT EACH.
N Freh MOVE SOT UP ON ENTS	move, set up, on hole 640-3	I on hole Lyb-13 DRIVE TO GET.	
Employee Time	Employee TimeHours	Employee Time Hours	Employee Time
Charle water 19 Hours	charle color son Hours	Charle of 10th Hours	Charles ades 11/2 Hou
we teaper 10 Hours	Was Gardon 10 2 Hours	13 Canday 10 th Hours	War Landay 1/2 Hor

ACE

SCOTTS ACE HOME CENTER

7345 HIGHWAY 50 SALIDA, COLORADO 81201 PHONE: 539-2160

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Rec'd By

HUGH M. HARRIS DRILL CO.

HUGH M. HARRIS DRILL CO.

Date 12 10 76	Date _/2- 2- 76
COMPANY NAME	COMPANY NAME
Hours TEAR DOWN, Price Per Hr Amount	Hours Price Per Hr Amount
Drill Hours @	
Chemicals @	Chemicals @
	Drilling Mud No.
Circulation Material No.	Circulation Material No.
BITS:	BITS:
No. Serial Amount	No. Serial Amount
New Rock Bits	New Rock Bits
Retipped Rock Bits	Retipped Rock Bits
New Finger Bits	New Finger-Bits
Total	Total
#0-80=20 0-200 = 200 HOLE NO. <u>Lyo-20</u> 6 40=26	HOLE NO. 640-1 640-20
Feet Drilled	Feet Drilled
REMARKS: DRIVING ON 690-20 TO 60 FT	REMARKS: On Hong To T.D. 200Fl ON
LOST CIR, CIR OUT OF old hole's	bute 640-1 Kon PIP, MOVE, SOTOR SHORT
TEAR DEVEN MOVE TO 640-26 DEILL TO T.D. 200 FT RUN PIPE TEAR DOWN.	Dailling IN 640-20 10 40 FT.
Employee Time	Employee TimeHours
Chrolin color 11 Hours	chante why 10 Hours
Mes Gondon 11 Hours	Mes Gordon 10 Hours

SUMMARY OF DAILY ACTIVITIES

(FROM DRILL SHIFT REPORTS)

PROJECT	Mt. P	rinceto	D No. 6	40					(1	NOI	AI D	MIL	LS	піг	1 17	EPUI	113	1					HOLE No.	COLL	AR ALT	Г
COUNTY																							BEARING: at start		at	
0001111	0 1	1					_/						H	OUR:	S S	PEN	T									
STATE ·	Colo	000		\rightarrow	.00	60	/		//	/ /	/ /	2/	//	//		/		/ je	1/2	14	100	1/	INCLINATION at start _ COORD'S REMARKS		at	
				18	iled sile in	perdig		_/	100/	erening	0/80	0/	10	line	(nou)	Selot Regit	//	of surve	Otho!	80%	'or '/	//	r Rout de coord's			
	T Ad	/ (1)	T	orage di	3/4/	'ch' 111	19/11/	6	5/ 6	l'eri	8	hing	Way!	s /,	2 / X	Sell ded	3/21	o dp	/00	110	, nel	Si	() (it)	T	ADD	ITIVES USED
Date \$	Advai	nce (ft)	- /40	5 / 8)	Bire	141	400	5e/	80) C	er ill	" No	N	HO	MO	140	/ Rey/	ondu	Sta /	9/1	9011/	0	10/	REMARKS	Marie		
S S	From	to		//			_	/_	/ /			1	_/	_/	_	15	7_	15	/ W	4	1	/0	<u></u>	Mud	Cement	Other
11-23-76	160	295	135	-	6		-		-	_		-	-	-		-	-	-		4	-	-	640-14. 1hr runpipe, 3 hr. T.D., unload	+		-
		-					-					_									_	_	water truck	4		3163 celex
11-24		-																					Drove to Denver to g et air compi Couldn't get truckor compressor star 640-20.	essor		
28																							Couldn't get truck or compressor stra	sted.		
11-29	0	30	30		8														2				640-20.	2		Igal. foam
11-24 28 11-29 11-30	30	60	30		8	4	-													1			640.20. 1hr Startup time.	2		Igal. foom
				-																						,
							-																			
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	-											_														
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HUGH M. HARRIS DRILL CO.

HUGH M. HARRIS DRILL CO.

HU	GH	M.	HA	RR	IS D	RI	LL	CO.
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Date	Date	Date	Date 1/-23-76
COMPANY NAME	COMPANY NAME	COMPANY NAME	COMPANY NAME
Hours Price Per Hr Amount	Hours Price Per Hr Amount	Hours Price Per Hr Amount	Hours Price Per Hr Amount
	Drill Hours @	Drill Hours @	
	Chemicals @	Chemicals @	Chemicals @
Drilling Mud No. @	Drilling Mud No. @	Drilling Mud No. @	Drilling Mud No. @
Circulation Material No. @	Circulation Material No. @	Circulation Material No. @	Circulation Material No.
BITS:	BITS:	BITS:	BITS:
Serial Amount	No. Serial Amount	No. Serial Amount	Serial Amount
New Rock Bits	New Rock Bits	New Rock Bits	New Rock Bits
Retipped Rock Bits	Retipped Rock Bits	Retipped Rock Bits	Retipped Rock Bits
New Finger Bits Total	New Finger Bits Total	New Finger Bits Total	New Finger Bits Total
HOLE NO. (446-20	HOLE NO.	HOLE NO	HOLE NO. 140-14
Feet Drilled	Feet Drilled	Feet Drilled	Feet Drilled/_35
REMARKS: ATTURE E JULE TO BOLE 640-20	START BATTERY IN MIR COMP	REMARKS: To Denver FOR	REMARKS: DRILLING TO FID 245 FF
	No good.		
Employee Time	Employee Time Hours	Employee Time Hours	Employee Time Hours
elanahe coley 10 Hours	Chualia May Hours	Hours	Churche color 10 Hours
Was Gooding 10 Hours	Mis Copiles Hours	Hours	Was Gendon 10 Hours

Da	te //= 30 = /6
COMPANY NAME OF COMP	
/ ha STURT UP TIME	1e
Hours	Price Per Hr Amount
Drill Hours	@
Chemicals	@
Drilling Mud No.	@
Drining wad ivo.	
Circulation Material No	0. @
BITS:	
No.	Amount
	New Rock Bits
- 28 mc 11/29/16	Retipped Rock Bits
	New Finger Bits
	Total
HOLE NO. 69/0-36	-
Feet Drilled	
REMARKS: Acceptance of the second	VANT KEE STARE FOR
	GRAVEL, STICK BY
Employee Time	In Toles Hours
	Angle only 7 Hours
	Hours

SUMMARY OF DAILY ACTIVITIES

(FROM DRILL SHIFT REPORTS)

	14.4	D L	. /	GUA				(rku	IVI L	MIL	L 3	71F I	KE	PUR	(15)					HOLE NO COLLAR ALT
PROJE	ECT ML	Trinceto	1 No. 9	070																	HOLE No COLLAR ALT
COLIN	TY C	notifed	0	-															,		BEARING: at start at
COON		1.0	`									HC	URS	SI	PENT	<u> </u>					
STAT	E Co	oradi		0	//	10	//	//	/	//	2	//	//	/	/.	/	/Jet	10	11	/80/	INCLINATION at start at
				drilled	10/20°	o'dige	/_	cosinos cosinos cosinos	ing	no en	01/	10	ine line	"an	101/	andba co	structure Rich	oin'	down	Orner Orner	Shift Routs COORD'S
		ance (ft)	7	000/3	Van. S	Lino	J'uin's	00/00	/ en	/0/	ring	" LIN	1/10	/ jet	dir	Les C	dpy	/00	120	'ne'	ADDITIVES USED
Date	=		- / 49	01018 (1) (1)	Mile	DI	4º/5º	15/2	Ce / (i	111/4	W	MO	/MO.	40	Redite	sugh c	0/00	3/10	901/	Orher Jord	REMARKS Mud Cement Other
1/ 1/	ති From	to	1		/	1		-	\leftarrow		-	-	_	/	1 5	-			\leftarrow	/ 	Mad Johnson A/ AA to a Roungel Visto
11-11		-	+		+-		-	-	-	-	+	+		+-			-	90		-	Lordsburg, N.M. to Beuna Vista
11-11 11-12 11-16 11-18	0.	40	110	1110521	10			-	-	-	+	-	-	+				0			
17-10		1220	200	47620	711	+		-	-	-+	-		-	+	-			d	31/2		31/2 hrs to thow out sky rig on 23 3 41bs lime
10	220	201	delu	7/620	1/2	1		-	-	-+	-		-	+			\dashv		22	-	31/2 hrs to thaw out & skid rig on 23 3 41bs lime
1/-17	0	40 230 295 40	115	40307	71/2			-	-	-	+	+	+	-			\dashv		2/2		21/2 hrs tomove, setup, thawaitin 4 6/bs lime
		70	113	10000	11/2			+	-	_	_		_	1			_		4/7		marning & drain at math.
											_			1							640-27 to 295' 640-27 to 40'
11-19	4/	120	80	3646	10			1									1		1		2½ hrs tomove, setup, thawaitin 4 Glbs lime morning = drain at night. 640-23 to 295', 640-22 to 40' 1hr thawaut, drain up. 640-22. 6 12 1bs lime 1hr thawaut, drain up. 640-22. 4 4 1bs lime
11-19	120	120	175	40304	772													2	1		The thorout, drainup. 640-22. 4 4 lbs lims
,							T.												•		Move partway to 640-24
11-21	0	240	240	49349	17/2													2/2	1/2		Move partway to 640-24 1/2 hr drainup. 640-24 3 4165 CMC
11-22	240	240 255																			
	O	160	175	3646	7									-				3%			24 to 255, move to 640-14. 3 4165 CMC
F v					-				-		_			-							1670
																					76./200
		-			-	-			-		_	_		-	-	1	7,15				
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Date //- //

Date	Date <u>//-//6-7/6</u>
OMPANY NAME AMAX Thom OUT, Skill RIY, DRAIN UP.	COMPANY NAME ANTAX 2 has move, set up, mix mud, Danie up,
Hours Price Per Hr Amount 72 Drill Hours @	Hours Price Per Hr Amount Drill Hours @
Chemicals @	
govern ge / Brilling Mud No.	90154 901 5
Circulation Material No. @	Circulation Material No. @
BITS:	BITS:
No. Serial Amount	No. Serial Amount
/ 47620 New Rock Bits	
Retipped Rock Bits	Retipped Rock Bits
New Finger Bits	New Finger Bits
0-220 = 220 640 = 23	0-40 = 45 640 = 23
HOLE NO.	HOLE NO.
Feet Drilled	Feet Drilled 40
REMARKS: UNFREEZE RIG PRIME PUMP TO IN hole Last 20FT, GET TO GOTTON	REMARKS: Move FROM BUCHA VISTA TO
WIT MAKE COME CAME OUT STAND ROY SET DKITH TO 278 FT dw hale 640-23	IST! OF BOULDR'S AND TRAVEL, DRITT
THATH UP TO WOME ! - 1	40 FT ON hole
Employee Time Jun Totak 11 Hours	Employee Time <u>Sim Inter</u> Hours
Charlie odeg 11 Hours	Separate only 8 Hours
Wes Gordon 11 Hours	Wes GORDIN 8 Hours

Date	
COMPANY NAME AMAK	c
Hours Price Per Hr Amou	
Chemicals @	
Drilling Mud No. @	
Circulation Material No. @	
BITS:	Е
No. Amou	nt
New Rock Bits	
Retipped Rock Bits	
New Finger Bits	
Total	
HOLE NO	F
Feet Drilled	4
REMARKS: Mobilization Lordsburg	F
N.M. To BuenA VISTA COTO	1
Employee Time Sim Talca 10 H	ours

COMPANY NAME_ Price Per Hr Amount Drill Hours Chemicals _Drilling Mud No. Circulation Material No. BITS: Serial No. Amount New Rock Bits Retipped Rock Bits New Finger Bits Total HOLE NO. _ Feet Drilled REMARKS: Mobile Zningal populs burg Hours **Employee Time**

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HUGH M.	HARR	IS DRIL	LCO
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Date__

Date <u>//- 21 - 76</u>	Date
DMPANY NAMEAARAX	COMPANY NAME
to has move to for padset UD	I BR DRESH UR, MICH Thow OUT IN MICHELY
Hours Price Per Hr Amount	Hours BUN PIPE Price Per Hr Amount
72_Drill Hours @	Drill Hours @
4 165 CMC	
Chemicals @	
quick gel	
3Drilling Mud No	Drilling Mud No. @
Circulation Material No.	Circulation Material No. @
TS:	BITS:
Serial	Serial
No. Amount	No. Amount
	/
Retipped Rock Bits	Retipped Rock Bits
New Finger Bits	New Finger Bits
Total	Total
640-240	180-295=
OLE NO	HOLE NO
<u> </u>	110E2 NO
Feet Drilled 240	Feet Drilled
160t Billiod	1000 5111100
EMARKS: MOVE UP MOUNTARY TO LIE, had	REMARKS: OBILLING ON hole 640-22
ole 640-24 DRAIN UP COME TO TOWN.	TO T.D- 295 FT TOR HOWN move
	To world west Lace
Employee Time Sum Total 10 5 Hours	Employee Time dem Tolem to Hours
Charlie polos 10 1/2 Hours	Charle notes 10th Hours
Wes Gondon 102 Hours	May Conton 10 Hours

Date	11-19-76	
COMPANY NAME AMAX		
1 has DRAIN UP, Thaw C	107	
Hours	Price Per Hr	Amount
Drill Hours	@	
Chemicals	@	
	@	
Circulation Material No.	@	
BITS:		
Serial No.		Amount
36461	New Rock Bits	
	Retipped Rock Bits	
	New Finger Bits	
40-120 = 80	Total	
6400-22		
HOLE NO.	_	
Feet Drilled		
REMARKS: PRILLING ON	hole 690-12 To	
Very beaut TRAVE		
Thouble with con		
Employee Time	I. m Taler	// Hours
	-borto only	// Hours

Price Per Hr Amount Hours Drill Hours Chemicals _Drilling Mud No. _Circulation Material No. ITS: Serial Amount New Rock Bits Retipped Rock Bits New Finger Bits 19-40=40 IOLE NO. _ Feet Drilled REMARKS: DRIlling To T.D. 295 FX

Hours

Hours

Employee Time

Da	te //- 27 - 7/
COMPANY NAME AMOVE SET UP	
Hours	Price Per Hr Amount
Drill Hours	@
4 165 CME	
Chemicals	@
Drilling Mud No.	@
Circulation Material No	o. @
BITS:	
Serial No.	Amount
	New Rock Bits
	Retipped Rock Bits
	New Finger Bits
240-265=15 0-160	Total
640-24 640-1 HOLE NO.	
TIOLE IVO.	_
Feet Drilled	
REMARKS: DRIlling	
	RUN PIPE MOVE TO
ON pole 640-14	DRAIN UP.
CK HOLE GOOT	
Employee Time	Jim Tolen 10 5 Hours
	chretic colon 104 Hours
	his Cardon 101 Hours

SUMMARY OF DAILY ACTIVITIES

PROJECT	Mt. Fr	unceta	U No.	640	0-28	(2)				()	FRO) iVi	DRI	LL	SHI	7	RE	POr	RTS)					HOLE No. 640-28(2)	COLL	AR AL	8850	
COUNTY												\N	E		1011	50	- 50	Seva Is	un -						BEARING: at start		at		
STATE -	Colo	nado			_	7		-/			7.0	37			100	RS	SF	FIN	1	7	1/2	-	1,	_	INCLINATION at start		at		
STATE -				/	dilled si		rged	/ /	/ /	/	B		nent	/ /	//	2/	/ /	101	//	SULVE	The	PONL	1,90	/ /	(01/15)				
				/ 08	/5/	Une S.	Oriling	Rednin	32/3		Serie Li	1/0	Was hing	nit 1	doied	1	10/1	66'Q	14	01/92	10/10	donizati	01/101/	/ Ki	the cooks		400	ITIVES USED	7
Date His	Advar	ice (ft)	//	ooldage	8) 83	187	Oil!	200/	201/	x / (cess !	ling	HOS!	sit s	dis/	Hotel	Mater	60g/	replace	c, idrido	35%	opill'	Other	0/	REMARKS	<u></u>			-
	From	to	V X	4			_	_		_	10.	_		_		_	<u> </u>	19			14	/				-	Cement	Other	_
10-4 D		1.11	-	-	-	-	-		-	_	_	_	3		5		_			2	_				Mobelization · 30 mi. water	185016	5		_
10-4 N	0	241/2	2412	834	3425	7/2	-	3/2	1/2	-	-	_	-		3/4		_			_		-	7	TR	241 of 693" casing used- 6mi water	-	-		_
10-5 N			-	-	-	_	-		-	4/2	-	_			_		_	_				-		101			4000 265		4
10-5 D	-	-	-	1-1	-	_	-			/						-			5	-		3		TR	Other: waiting on BOP.	-	400465		- , .
10-6 N	241/2	270	29/2	-	77363	1	-		2		-		/		/						_	81/2	7	TB	Other: 1/2 " " B.O.P. Thrs setting up	BOX	150465	of Mad bmi	
10-6 D		440	170	1	71113	9	7//		3	-					2							-			12 mi water	God of	55 bue	100.16 phosphat	<u>'</u>
10-7 N		640	200		79438		3/2		1/2	-	-		2						-			-			lemi water	2501	3 5 bas	15	-
10-7 D	640	680		6	?	3		-	3	-	-		2									4		TR	Other: 4hr warting on bits		_ ·		4
12 6 26	100	725	-	6	Drag								16					· ·	.5					- 04	Standby 100				-
10-8 11		730	50	6	16601	3	-		2	-	-	_	4		-		-		3			X		16	Standby Other wait for Backhoe 12mi water	5004	555001	65-	-
10-8 0	130	730	-	-		-								577	3/2	-	25		51/2	-	-	3/2		1K.	Standby, Duckhoe Office, down collar, 101	MILWA	eter-		-
10-9 N	730	900	170		50037	6.		_	4/2	=	-	1			-	1/2	_					-		1 (2) TR	6mi water	-			-
10-9 0	900	1060	160		66211	9914	-		24	-	-												1	/K		20016	5		
10-10 N	1060	1300	240	1 27		813.	_		3/2		-		1/2		7				and a			1-1			10 ' /		/	near and a second	-
		1				-			21/2	-													1		12mi water	500L	65 -		-
10-10 0		1420	120.			8			3		-		11/2	_											6 mi wafer	+-		solb gel	-
10-11 0		1560	140	4/4	CK 353	7			2													10			6 mi water	-		100 Us gel	4
10-11 N		1560	130	131	Nucle N	(-		3		-		-/-						-			10			Other: wart on bits	200/6	32kugs		-
10-12 N		1760			P449	6.			2						-		-					-			12mi water bmi water	-			-
10-13		1900	140			9	11/2		1/2	-	-	_		_						_	_	-		TB					-
18-13 D		1970	70	7	-	5	-		5	_				_	,	_					_	2	-	-	Other: 2ho waiting on bits	-			4
17-14 N	7	2000	30	-		4	_		21/2	-	-		1/2		-		_	_	5	_	-	-	1	TA	Standby: setting priper	-	_		-
10-14 D	1	2000	-	1-1	_	-	_		2 6	7	-		-		-	-		-	2	2	-	-	- ;	TD	Standby: setting pipe		_		1
(0,1)	-	2000					1																		,	1			1
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		1	1	1						-					-														7
			1			106.25	5	31/2	40.75	6.5		1	17.5		18,25	2.5	2.5		20,5	y		31,						******	
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DRILL SHIFT REPORT

	JF4	
Hole	640	-19

Date:	10-4	- 7	7
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Shift:	Day	X
-		

Swing____Night

	Location:	Night
	Angle:	Project: Mt Princeton
a B	Reaming: To: Size: From:	- Drilling: To: O Size From: O
	Footage Reamed:	Footage Drilled: O Core Recovered:
	Casing Placed in Hole: Size: Casing Removed from Hole:Size:	Feet:
	Supplies Used	Hourly Distribution
	Portland - Cement bags Lumnite Calseal	Drilling Overburden Non-core Drilling Core Drilling Reaming
	Chemical Additives bags or gals.	Reaming Casing Pulling and lowering rods
		Rig-up/Rig-down Moving -Mixing Mud
	Other Items Water hauling: Miles 6 Hours	Equipment Repair Cementing a) Washing hole b) Cementing
	Lost tools	c) Drill cement
	Rock bits: No. Size Diamond bits: Size Type Other:	Wedging Operations: Explain
	Casing Left in Hole: Size Feet	Surveying Fishing for tools Other: Explain
MIL	324	<i>E la</i>
Water of depth	Domonika	TOTAL HOURD
NATOTA SEPAN	Remarks	Driller John Bost
		Helper fill Jang . Truck Driver Ande A
		TITICK DELVET Weedly . //

Temp every 10' in yout

Noon to M. I night

AMAX EXPLORATION, INC.

DRILL SHIFT REPORT

	1	
Hole	1	
140.20		-

Date: 10-4-77

Shift: Day____

line Cadle - Rod houry

Reaming: To: Size: Drilling: To: 240/Size 84/From: Prom: Prom: Prom: Orange Reamed: Footage Drilled: 240/Size 84/From: Orange Reamed: Footage Drilled: 240/Size 84/From: Orange Removed from Hole: Size: Feet: Fee	Location: Mt Princetin	Swing Night
From: From: O Footage Reamed: Footage Drilled: Over Recovered: Feet: Fe	The same of the sa	Project: AMAXA 640-28
Casing Placed in Hole: Widze: Feet:	- Incompany - Incompany	
Supplies Used Portland Lumnite Calseal Mud Chemical Addit ves Other Items Water hauling: Miles Core boxes Size Diamond bits: Size Diamond bits: Size Type Other: 50 3425 Casing Left in Hole: Size Feet Supplies Used Hourly Distribution Bags Brilling Overburden Non-core Drilling Reaming R		Core Recovered:
Drilling Overburden Non-core Drilling Calseal Mud Chemical Addit ves bags or gals. Casing Pulling and lowering rods Rig-up/Rig-down Moving Mixing Mud Equipment Repair Cementing (a) Washing hole Lost bits Lost tools Rock bits: No.? Size Diamond bits: Size Other: 50 4/25 Casing Left in Hole: Size Feet Foreman Drilling Overburden Non-core Drilling Reaming Core Drilling Reaming Core Drilling Reaming Core Drilling Reaming Core Drilling Reaming Reaming Reaming Reaming Casing Mud Equipment Repair Cementing (a) Washing hole block Delays: Explain Delays: Explain Total Hours Foreman	Casing Removed from Hole: Size:	Feet:
Portland Lumnite Calseal Mud Chemical Addit ves bags or gals. Casing Pulling and lowering rods Rig-up/Rig-down Moving Mixing Mud Equipment Repair Cementing Core boxes Size Size Core boxes Size Size Size Size Size Size Size Size		Hourly Distribution
Calseal Mud Chemical Addit ves bags or gals. Core Drilling Reaming Casing Pulling and lowering rods Rig-up/Rig-down Moving Mixing Mud Equipment Repair Cementing a) Washing hole b) Cementing core boxes Size Core boxes Size Core bits Lost tools Rock bits: No.? Size Diamond bits: Size Other: Casing Left in Hole: Size Feet Surveying Fishing for tools Other: Explain TOTAL HOURS Remarks Foreman	The state of the s	Drilling Overburden 7% /
Mud Chemical Addit ves bags or gals. Reaming Casing Pulling and lowering rods Rig-up/Rig-down Moving Mixing Mud Equipment Repair Cementing A) Washing hole b) Cementing Core boxes Size C) Drill cement Delays: Explain Casing Left in Hole: Size Feet Surveying Fishing for tools Other: Explain TOTAL HOURS	Lumnite	Non-core Drilling
Chemical Addit 7es bags or gals. —Casing Pulling and lowering rods Rig-up/Rig-down Moving Mixing Mud Equipment Repair Cementing a) Washing hole b) Cementing c) Drill cement Delays: Explain Delays: Explain Delays: Explain Casing Left in Hole: Size Feet Surveying Fishing for tools Other: Explain TOTAL HOURS	Calseal	
Chemical Addit 7es bags or gals. —Casing Pulling and lowering rods Rig-up/Rig-down Moving Mixing Mud Equipment Repair Cementing a) Washing hole b) Cementing c) Drill cement Delays: Explain Delays: Explain Delays: Explain Casing Left in Hole: Size Feet Surveying Fishing for tools Other: Explain TOTAL HOURS	Mud	
Pulling and lowering rods Rig-up/Rig-down Moving Mixing Mud Equipment Repair Cementing a) Washing hole by Core boxes Size c) Drill cement Delays: Explain Delays: Explain Casing Left in Hole: Size Feet Surveying Fishing for tools Other: Explain TOTAL HOURS	Chemical Addit yes bags or gals.	
lowering rods Rig-up/Rig-down Moving Mixing Mud Equipment Repair Cementing a) Washing hole Water hauling: Miles Hours Hour		
Rig-up/Rig-down Moving Mixing Mud Equipment Repair Cementing a) Washing hole Water hauling: Miles Hours Core boxes Size c) Drill cement Lost bits Lost tools Rock bits: No.? Size Diamond bits: Size Type Wedging Operations: Other: 50 3426 Casing Left in Hole: Size Feet Surveying Fishing for tools Other: Explain TOTAL HOURS		
Moving Mixing Mud Equipment Repair Cementing A) Washing hole Water hauling: Miles Hours (Comenting Core boxes Size C) Drill cement Lost bits Delays: Explain Lost tools Rock bits: No. Size SAD Diamond bits: Size Type Wedging Operations: Other: 503426 Casing Left in Hole: Size Feet Surveying Fishing for tools Other: Explain TOTAL HOURS		
Other Items Cementing A) Washing hole A) Washing hole Core boxes Size C) Drill cement Delays: Explain Delays: Explain Other: Size Type Wedging Operations: Explain Casing Left in Hole: Size Feet Surveying Fishing for tools Other: Explain TOTAL HOURS Remarks Foreman		
Other Items Other Items Other Items Other Items Cementing a) Washing hole Water hauling: Miles Hours Hours (Core boxes Size C) Drill cement Lost bits Lost tools Rock bits: No. Size SA Diamond bits: Size Type Wedging Operations: Other: 523425 Casing Left in Hole: Size Feet Surveying Fishing for tools Other: Explain TOTAL HOURS Remarks Foreman	3	
Other Items Water hauling: Miles Hours Hours Hours Cementing Core boxes Size c) Drill cement Lost bits Lost tools Rock bits: No. Size SA Diamond bits: Size Type Wedging Operations: Other: 50 3426 Casing Left in Hole: Size Feet Surveying Fishing for tools Other: Explain TOTAL HOURS Remarks Foreman		
Water hauling: Miles Hours Hours Hours Core boxes Size C) Drill cement Delays: Explain Delays:	Other Items	7 7
Water hauling: Miles Hours Hours Core boxes Size c) Drill cement Core boxes Size c) Drill cement Delays: Explain Core boxes	Other realis	
Core boxes Size c) Drill cement Lost bits Delays: Explain Lost tools Rock bits: No. Size SJA Diamond bits: Size Type Wedging Operations: Other: 523425 Casing Left in Hole: Size Feet Surveying Fishing for tools Other: Explain TOTAL HOURS Remarks Foreman	Water hauling: Miles & Hours	4 h) Cementing
Lost bits Lost tools Rock bits: No. Size Diamond bits: Size Other: 503426 Casing Left in Hole: Size Feet Surveying Fishing for tools Other: Explain TOTAL HOURS Remarks Foreman	Core boxes Size	
Lost tools Rock bits: No. Size SJA Diamond bits: Size Type Wedging Operations: Other: 503426 Explain Casing Left in Hole: Size Feet Surveying Fishing for tools Other: Explain TOTAL HOURS Remarks Foreman		
Rock bits: No. Size		Delays. Explain
Diamond bits: Size Type Wedging Operations: Other: 503425 Explain Casing Left in Hole: Size Feet Surveying Fishing for tools Other: Explain TOTAL HOURS Remarks Foreman	Rock bits: No. 2/ Size 83/	
Other: 50 3425 Explain Casing Left in Hole: Size Feet Surveying Fishing for tools Other: Explain TOTAL HOURS Remarks Foreman	Diamond hits: Size Type	Wedging Operations:
Casing Left in Hole: Size Feet Surveying Fishing for tools Other: Explain TOTAL HOURS Remarks Foreman		
Size Feet Surveying Fishing for tools Other: Explain TOTAL HOURS Remarks Foreman	ocher.	HAPIUII
Size Feet Surveying Fishing for tools Other: Explain TOTAL HOURS Remarks Foreman	Casing Left in Hole:	
Fishing for tools Other: Explain TOTAL HOURS Remarks Foreman		Surveying
TOTAL HOURS Remarks Foreman		
TOTAL HOURS Remarks Foreman	Charles and the second	
Remarks Foreman C	Manufacture particular and security and secu	Other: Explain
Remarks Foreman C	**	
Remarks Foreman C		
		TOTAL HOURS
Deillow You DII	Remarks	Foreman
		Driller Tone Poll

Helper 6

Truck Driver

DRILL SHIFT REPORT

Hole 640-28

Date: 10-5-77

Shift: Day____

Swing_____ Night_____ Location: (40-24 Project: Mt Krinston Angle: Reaming: To: Size: Drilling: To: O Size From: From: 0 Footage Drilled: _____ Footage Reamed: Core Recovered: Casing Placed in Hole: Size: ______Casing Removed from Hole: Size: ______ Feet: Supplies Used Hourly Distribution bags Portland 40 100/6 Drilling Overburden Lumnite Non-core Drilling Calseal Core Drilling Reaming Mud Chemical Additives bags or gals. Casing Pulling and lowering rods Rig-up/Rig-down Moving Mixing Mud Equipment Repair Other Items Cementing Mying Cement a) Washing hole Water hauling: Miles O Hours O b) Cementing Core boxes Size c) Drill cement Delays: Explain Lost bits Lost tools
Rock bits: No. Size
Diamond bits: Size Type Wedging Operations: Lost tools Other: _ Explain____ Casing Left in Hole: Size____Feet___ Surveying Fishing for tools Other: Explain TOTAL HOURS Remarks Nating up for Conventing For Foreman Driller John Bork

Truck Driver Kund

Hel	0	

Hole	

DECUMENTS	Industrial Control		

DRILL SHIFT REPORT Moon - Midnight Date: 10-5-27

Shift: Day____

Swing___

Location: Night -Angle: Project: То:____ Size: To: Size Reaming: Drilling: From: From: Footage Reamed: Footage Drilled: Core Recovered: Casing Placed in Hole: Size: Feet: Casing Removed from Hole: Size: Supplies Used Hourly Distribution bags Portland 100/6 Lumnite Non-core Drilling core Drilling Standly for Count 4 Calseal Mud Reaming Chemical Additives bags or gals. Casing Pulling and lowering rods Rig-up/Rig-down Moving Mixing Mud Equipment Repair Other Items Cementing

Water hauling: Miles Hours a) Washing hole b) Cementing Lost bits

Delays: Explain Lost tools

Rock bits: No. Size

Diamond bits: Size Type Wedging Operations: Other: Explain

Casing Left in Hole:

Feet Size Surveying Fishing for tools Other: Explain

9:00 to 12:00 3hi TOTAL HOURS

- 4
0077
7

Foreman Surface Up Driller Helper food hours - Callein Call

Truck Driver

DRILL SHIFT REPORT

Hole 640-28

Date: 10-6-77

Shift	:	Day
	-	

Swing Night X

Location: 640-27			Night
Angle:		Project: MA	Prinston
Reaming: To: From:	Size:		To: 270 Size 4 \$ rom: 240
Footage Reamed:		>Footage Dril Core Recover	led: 30 ft ed:
Casing Placed in Hole: Casing Removed from Hole		Feet:	
Supplies Used		Hourly Dis	tribution
bac	JS	2 1221	
Portland		Drilling Overbu	
Lumnite	- 100-100	Non-core Drilli	ng
Calseal		Core Drilling	
Mud 3		Reaming	
Chemical Additives bags	or gals.	Casing	
		Pulling and	
	Of the second	lowering rods	2.hr
		Rig-up/Rig-down	
	The San	Moving	The state of the s
		Mixing Mud	1-12
	•	Equipment Repair	
Other Items		Cementing	
		a) Washing ho	10
Water hauling: Miles 6	Hours A.A.	b) Cementing	1.0
Core boxes Siz		c) Drill cemen	n t
Lost bits			
Lost tools		_ Delays: Explain	The second secon
Pock bits. No 777/2 Circ	1 =	Jethries engi BOP	The 7hr
Rock bits: No.777363 Size	M	Vaiting for Parts for BOP.	
Diamond bits: Size	Type	Wedging Operation	ons:
Other:		Explain	
Casing Left in Hole:			-
The second secon			
SizeFeet	-	Surveying	
(A)		Fishing for too.	ls ·
	State of the Parks	Other: Explain	
			The second secon
		TOTAL HOURS	12 2
Remarks Drain Puts Mifed	New	Foreman	
much		Driller John 19	Post
, in the second second	1 The 18	Chin I	J. In
A CONTRACTOR OF THE CONTRACTOR		Helper Mill Jam	2
Commence of the second		Truck Driver Hen	de Dois
	58 (1760	

Woon to Midney

Hole	
11036	

*:	10	1	
Date:	100	6	7/

Shift: Day Swing

Location:	Night
Angle:	Project: # ///////
Reaming: To: Size: 6 1/8 From:	Drilling: To: Size From:
Footage Reamed: Casing Placed in Hole: Size:	Footage Drilled: 240 Core Recovered: 440 Feet:
Casing Removed from Hole: Size:	Feet:
Supplies Used bags	Hourly Distribution
Portland Lumnite Calseal Mud	Drilling Overburden Non-core Drilling Core Drilling Reaming
Chemical Additives bags or gals. Lhosplat	Casing Pulling and lowering rods 3/4
	Rig-up/Rig-down Moving Mixing Mud Equipment Repair
Other Items Water hauling: Miles 12 Hours 2 Core boxes Size	Cementing (a) Washing hole (b) Cementing c) Drill cement
Lost bits Lost tools Rock bits: No. Size	Delays: Explain
Diamond bits: Size Type Other: 6 Med /	Wedging Operations: Explain
Casing Left in Hole: Size Feet	Surveying Fishing for tools Other: Explain

TOTAL HOURS

Remarks

Foreman

Driller

Truck Driver

DRILL SHIFT REPORT

	P.	. ,
Hole	640	-29

Date: 10-7 -77

Shift: Day

Swing_ Location: 640-28 Night Project: Mt Iniuston Angle: Reaming: To: 640 Size: 67 ? Drilling: To: 640 Size 65 From: 446 From: 440 Footage Reamed: ₹ Footage Drilled: 200ff Core Recovered: Casing Placed in Hole: Size: Feet: Feet: Supplies Used Hourly Distribution bags Portland Drilling Overburden Lumnite Non-core Drilling Calseal Core Drilling Mud
Chemical Additives bags or gals. Mud Reaming Casing Pulling and lowering rods Rig-up/Rig-down Moving Mixing Mud Equipment Repair Other Items Cementing a) Washing hole Water hauling: Miles (Hours 2 b) Cementing Core boxes Size c) Drill cement went in Helital to Reun Lost bits Lost tools Rock bits: No.79438 Size 63 Diamond bits: Size Type Wedging Operations: Other: Explain Casing Left in Hole: Size____Feet___ Surveying Fishing for tools Other: Explain TOTAL HOURS Remarks Hay From Frontele Foreman on rator Fruck Driller John Borg.
Helper Bill Long

Truck Driver Rundy

DRILL SHIFT REPORT

Hole .	

Disting	11	7	-	7	7
Date:	10				/

Shift: Day_ Swing

Location:	Night
Angle:	Project: AMAXS
Reaming: To: 640 Size: 6	// Drilling: To: 680 Size 6" From: 640
Footage Reamed:	Footage Drilled:
Casing Placed in Hole: Size: Casing Removed from Hole:Size:	Feet:
Supplies Used	Hourly Distribution
bags	
Portland	Drilling Overburden
Lumnite	Non-core Drilling
Calseal	Core Drilling
Mud	Reaming
Chemical Additives bags or gals.	Casing
ENDAL NAME OF PERSONS THE PROPERTY OF THE PERSON OF THE PE	Pulling and
White participant is the participant of the partici	lowering rods
Mark a superior de la proposition della proposit	Rig-up/Rig-down
Entertain page 1 de entertacion que consideran accompanya de confrontamenta de confr	Moving
Employed or Springling you Completely as the resolution of the Complete of the	Mixing Mud
Oll on Thems	Equipment Repair
Other Items	Cementing
Material handings Wiles House	a) Washing hole
Water hauling: Miles Hours	b) Cementing
Core boxes Size	c) Drill cement
Lost bits	_ Delays: Explain
Rock bits: No. / Size /: /	1
	laulh
Diamond bits: Size 6 Type Org	Wedging Operations: Explain
Casing Left in Hole:	Manage variety data and a sub-confidency and in the confidency and
Size Feet	Surveying
El de	Fishing for tools
Building and procedure to the Art	Other: Explain
Spanished and control of the control	Mituina Reta
	12'00 - 4'00 Wha
	TOTAL HOURS
Remarks	Foreman
A CHICA CLU	N III
	Driller Jen Poll
	Helper Rod Jon, Jalen Carolle

Truck Driver

DRILL SHIFT REPORT

Hole 604-28

Date: 10-8-77

Shift: Day___

Swing_ Location: 604-78 Night Project: Mt Kinston Angle: Reaming: To: Size: ? Drilling: To: 730 Size 6 From: 680 From: Footage Reamed: - Footage Drilled: 5041 Core Recovered: Casing Placed in Hole: Size: Feet: Casing Removed from Hole: Size: Feet: Supplies Used Hourly Distribution bags Portland 5 mus Drilling Overburden Lumnite Non-core Drilling Calseal Core Drilling Mud Reaming Chemical Additives bags or gals. Casing Pulling and lowering rods Rig-up/Rig-down Moving Mixing Mud Prained Pits Equipment Repair Other Items Cementing a) Washing hole Water hauling: Miles /2 Hours 4/m b) Cementing Core boxes. Size c) Drill cement Delays: Explain

Ital to Drawn

Wedging Operations: Lost bits Lost tools Rock bits: No.76601 Size 6" Diamond bits: Size 7660 Type Varel Other: Explain Casing Left in Hole: Size Feet____ Surveying Fishing for tools Other: Explain TOTAL HOURS Remarks Had to muit on a back Foreman

Driller John Gora

Truck Driver Kungl

Helper Inli

no Thermometer

Location:

Supplies Used

Portland

Lumnite

Calseal

Mua

Angle:

Reaming: To:

Hole	

AMAX EXPLORATION, INC	
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D	R	I	LL	SHI	FT	REI	20	RT

	ноте					****	
	Date:		10	8-	7	Z	•
	Shift		Da		-	,	
٠.		Sı	vin	g			
		N:	igh	t			
4	MAX	15				and the same of th	
	To:			Siz	9		
]	From:						
i.	lled:				:		
e:	red:				*		

From: Footage Reamed: Footage Dr. Casing Placed in Hole: Size: Feet: Feet: Feet: Core Recov

Size:

Chemical Additives bags or gals.

bags :

Hourly Distribution

Project: /

Drilling:

Drilling Overburden Non-core Drilling Core Drilling Reaming Casing Pulling and lowering rods Rig-up/Rig-down Moving Mixing Mud Equipment Repair Cementing a) Washing hole ___ Delays: Explain

Other Items

Water hauling: Miles 18 Hours 31/2 b) Cementing Core boxes Size c) Drill cement Lost bits

Lost tools Rock bits: No. Size
Diamond bits: Size Type

Other:

Casing Left in Hole:

Size

Feet

Explain

Wedging Operations:

Surveying Fishing for tools ' Other: Explain see remark

TOTAL HOURS

Remarks Get Rody to Pung like / 1 Foreman
look for Back for 21 Driller Fer Hall
rig repair - Savine - Con fastion 2 Helper Rod hown - Calin Carolle
Oig holding spile 31/2 Truck Driver

at Water - lay down Collar 31/2

Bita 834 EC3425'
6" 77363
6" 71113

Drag Bet
6" AF 50037

DRILL SHIFT REPORT

Hole (04-28	the state of the s
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r~ 1	20			7 7
Date:	110	-	9-	6 6

Shift: Day

Location: [OU-24	Swi Nig	
bocation. Total	- 1 · 1 · 1 · 1 · 1 · 1 · 1 · 1 · 1 · 1	***************************************
Angle:	Project: Mat Arunitan	>
Reaming: To: Size:	Drilling: To: 400	Size 6"
From:	From: 730	
Footage Reamed:	Footage Drilled: 170 Core Recovered:	
Casing Placed in Hole: Size: Casing Removed from Hole: Size:	Feet:	
Supplies Used	Hourly Distribution	1
bags	David 2.2 days Occasioned and	Chr
Portland Lumnite		6 mi
Calseal	Non-core Drilling Core Drilling	
Mud	Reaming	
Chemical Additives bags or gals.	Casing	-
January Control of the Control of th	Pulling and	A
Oppose the state of the control of t	lowering rods 4	I fin
Charles and the desired control of the control of t	Rig-up/Rig-down	The state of the s
The participation of the product of the strategies of the strategi	Moving	
Egonyaligi printa hausala dan da napri consensana mas i dan masana anche i masa dan dan dan dan dan dan dan dan dan da	Mixing Mud	egitend delay man and entire consequently control time or
Remotisser (Multi-allianne State Annual Child assistation in some contribution works) (Child Annual Annual Child assistation in some contribution works) (Child Annual Annual Annual Child Annu	Equipment Repair	andrometric description described the season of
Other Items	Cementing	
	a) Washing hole	ŀ
Water hauling: Miles 1 Hours 12	b) Cementing	and the same of th
Core boxes Size	c) Drill cement	
Lost bits	Delays: Explain	
Lost tools		· ere distribution of State Was don't I will be suffered to a wide to
Rock bits: No Affec 37 Size 6"		The second sec
Diamond bits: Size Type Grance	Wedging Operations:	
Other:	Explain until for water	and the second of the second o
Casing Left in Hole:		
Size Feet	Surveying	and the same of the same and the same of t
E/ L/ D/C	Fishing for tools	
git, description during a solution of a solution of the soluti	Other: Explain	
Approximate Application and Secretary Secretary Approximately (Application and Application and	Other: Daptain	
	Comprising property in the first control of the con	and the same of th
	Strador 3 An la represe variamente y personation de presentation de la company de la c	1-1
	TOTAL HOURS	13 m
Remarks	Foreman	
particularly and an increase for a real production of a section of the section of	parties and the second section of the properties of the second section of the second sec	
	Driller John Back	. [

Helper Bill Jany

Truck Driver Mindy Anen

out ice Dept IN HOF. 740 10 € 40F 750 8 C 418 760 5 € Lor 7 70 5 € LOF 7 5/0 10 C 43F 740 10 € 42F 800 12 C wif 410 10 € 48 F 920 usf 10 € 8 30 48 F 10 € 9 40 495 12 € 8 50 49F 12 € 60 486 12 € 20 481 12 6 40 4815 12 C 40 CHYF 12 6 00

DRILL	SHIFT	REPORT	. 11
N	on the	REPORT	The

Hole	
THE PART OF THE PA	Contract of the Contract of th

Date:	10-9-77

Shift: Day

	Swing Night
Location:	de adequate transfer adequate
Angle:	Project: AMAXS
Reaming: To: Size: From:	Drilling: To: 1060Size 6 From: 900
Footage Reamed:	Footage Drilled: 160 X
Casing Placed in Hole: Size:Casing Removed from Hole: Size:	Feet:
Supplies Used bags	Hourly Distribution
Portland Lumnite Calseal Mud Chemical Additives bags or gals.	Drilling Overburden Non-core Drilling Core Drilling Reaming Casing
Must soll lan 4	Pulling and lowering rods Rig-up/Rig-down Moving Mixing Mud
Other Items	Equipment Repair Cementing a) Washing hole
Water hauling: Miles Hours Core boxes Size Lost bits Lost tools	b) Cementing c) Drill cement Delays: Explain
Rock bits: No.4560038 Size 6035 Diamond bits: Size Type Other:	Wedging Operations: Explain
Casing Left in Hole: Size Feet	Surveying Fishing for tools Other: Explain
	TOTAL HOURS 124.
Remarks	Foreman T
	Driller Terry Robbe
	Helper Calin Canalle - Rod Loury
	Truck Driver

DRILL SHIFT REPORT

Hole	604-	-25
uore	607-	4,5

Date: /	0-1	0-	77
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Shift: Day_ Swing_

Location: 604-28	Night
Angle:	Project: Mt Krinsten
Reaming: To: Size:	Drilling: To: Size5-\$
From:	From: 1060
Footage Reamed:	Footage Drilled: 240 Core Recovered:
Casing Placed in Hole: Size: Casing Removed from Hole: Size:	Feet:
Supplies Used	Hourly Distribution
bags	
Portland Lumnite Calseal Mud Chemical Additives bags or gals. Other Items Water hauling: Miles // Hours // Miles // Mi	Casing Pulling and lowering rods Rig-up/Rig-down Moving Mixing Mud Clarry fits Equipment Repair Cementing a) Washing hole
Core boxes Size	c) Drill cement
Lost bits	_ Delays: Explain
Lost tools	
Rock bits: No Olage Size 5 1 Type Other:	Wedging Operations: Explain
Casing Left in Hole:	
SizeFeet	Surveying Fishing for tools Other: Explain TOTAL HOURS
	Oriller John Borg. Helper Bill Jang.

# of Sand	In	0.000	
Every 10	Temp in F	Temp in C	Depth
Feet		1	
- /	62F	20°	1070
2	62F	20°	1080
3	66F	15°	1090
4	69F	18c	1100
5	69F	18°C	1110
6	66F	18°	1/20
7	64F	17°	1/30
8	. 70 F	20°	1140
9	74F	20C.	1150
10	74F	210	1160
11	7.6+	22°	1170
12	73°	210	11803
.13	1.3F	21 ^C	1190
-141	72F	210	1210
15	68F	20 C	1210
16	1:0#	200	12 30
17	LOF	15C	12 40
	101	15 C 15 C 18 C 18 C	1250
12	(3)= 1	15 C	1260
18	641	18°	THE REAL PROPERTY OF THE PARTY
12	68F	180	1270
120	645	180	1280
21	64F	186	1290
22	64	18C	12/03/2019
23			ton-s-
	The last		

DRILL	SHIFT	REPORT	
N.	- to 7	red with	0

Hole	
	Contractor and the contractor of the contractor

~ .	10 10-	7 -
Date:	10-10-7	/

		•
Shift:	Day	-

Non to medanthe	Shift: Day
***************************************	Swing Night
Location:	1/11/1/
Angle:	Project: AMAX)
Reaming: To: Size:	Drilling: To: /420 Size 53
From:	From: 1300
	10.14
Footage Reamed:	Footage Drilled: 120.ft
Guine Planed in Holo: Gino:	Core Recovered:
Casing Placed in Hole: Size: Casing Removed from Hole: Size:	Feet:
Casing Removed from Myle. 5126.	reet.
Supplies Used	Hourly Distribution
Portland	Drilling Overburden
Lumnite	Non-core Drilling
Calseal	Core Drilling
Mud	Reaming
Chemical, Additives bags or gals.	Casing
1-50ll- Bog 1 ge	Pulling and
	lowering rods $2/2$
Consequence of a facility for a confermed with contract contract contract of the contract of t	Rig-up/Rig-down
Million or printerman reasonable or printer than the contract time to the contribution and the last	Moving
Contract of the State of the St	Mixing Mud
Other Thomas	Equipment Repair
Other Items	Cementing a) Washing hole
Water hauling: Miles 6 Hours	b) Cementing
Core boxes Size	c) Drill cement
Lost bits	Delays: Explain
Lost tools	
Rock bits: No.96/// Size 55/8	
Diamond bits: Size Type	Wedging Operations:
Other:	_ Explain
Casing Left in Hole:	ADDRESS AND THE SECOND CONTRACT OF T
Size Feet	Surveying
Broad-to Environmental Environ	Fishing for tools
Superior and a primary contract	Other: Explain
	1
	TOTAL HOURS
Remarks hard	Foreman / /
- Sal January Commence of the	- AN E
	Oriller Just foll
	Helper Rod house Calon Caroll

Truck Driver

Hole / . AMAX EXPLORATION, INC. Date: 10-11-77 DRILL SHIFT REPORT Shift: Day Swing Non to midney Location: Night Project: Angle: Reaming: To: Siz Size: Drilling: To: /660Size 4 From: From: 1420 Footage Drilled: 140 Footage Reamed: Casing Placed in Hole: Size: Core Recovered: Feet: Casing Removed from Hole: Size: Supplies Used Hourly Distribution bags Portland Drilling Overburden Lumnite Non-core Drilling Core Drilling Calseal Mud Reaming Chemical Additives / bags or gals. Casing Pulling and 2 Bry 50ll gel lowering rods Rig-up/Rig-down Moving Mudhaluater Equipment Repair Other Items Cementing a) Washing hole Water hauling: Miles 6 Hours b) Cementing Core boxes Size c) Drill cement Lost bits Delays: Explain Lost tools
Rock bits: No. Ck343Size 474
Diamond bits: Size Type Wedging Operations: Other: Explain Casing Left in Hole: Feet Surveying Size Fishing for tools Other: Explain

,		TOTAL HOURS	12
Remarks	Hard	Foreman	
		Driller Lery Jahl	

Helper Rod born Calum Cauth

Truck Driver

DRILL SHIFT REPORT

	1 .	
Hole	604	- 5
	Darker Commission of the	

Date: 10-11-

Shift: Day
Swing

Location: 604-29	Night X
Angle:	Project:
Reaming: To: Size:	Drilling: To: O Size O
From:	From:
Footage Reamed:	Footage Drilled: 0
Casing Placed in Hole: Size: Casing Removed from Hole: Size:	Feet:
Control of the Contro	
Supplies Used bags	Hourly Distribution
Portland	Duilling Overburden
Lumnite	Non-core Drilling
Calseal	Core Drilling
Mud	Reaming
Chemical Additives bags or gals.	Casing
Dissiphentiage on Proceedings of the process of the	Pulling and
Einge mentan annya aan harring annya annya annya annya annya annya annya annya annya	lowering rods
Enter transformer and approximate the contract process and transformer parameters of the contract transformer and	Rig-up/Rig-down
Control Control and Control an	Moving
Bankonadhadrillannadad gray-graf statuta fini innasta santandali asmin maliforni santandalikatutatuta	Mixing Mud
The same and the s	Equipment Repair
Other Items	Cementing a) Washing hole
Water hauling: Miles Hours Core boxes Size	b) Cementing
Core boxes Size	c) Drill cement
Lost bits	_ Delays: Explain
Lost tools	more and the property of the p
Rock bits: No. Size	And the second of the second o
Diamond bits: Size Type	Wedging Operations:
Other:	_ Explain
Casing Toft in Holos	The distribution of the control of t
Casing Left in Hole: Feet	Comments
2176	Surveying
gramma an electrical resistant in the control of th	Fishing for tools
Manufactures and an activities of the contract	Other: Explain
	Married Married Control of the Contr
	TOTAL HOURS 12 hr
	. TOTAL HOURS
Remarks Varted on Bite e	Foreman
Subs 1200 PM to 10:00 AM	Driller Jahn Bork

Helper Pill Jang

Truck Drive

DRILL SHIFT REPORT

Hole	604	-28
		Garage

Date:	10	-12	-7	7

Shift:	Day	7.5
and the rate of the rate of	1	A STATE OF THE PARTY OF THE PAR

Swing Night X

Casing Placed in Hole: Size:	From: / Footage Drilled: Core Recovered: Feet: Feet:	1.4
Casing Removed from Hole:Size:	Footage Drilled: Core Recovered: Feet: Feet:	1.7
Casing Placed in Hole: Size: Casing Removed from Hole:Size:	Core Recovered: Feet: Feet:	100%
Casing Removed from Hole:Size:	Feet:	
Casing Removed from Hole:Size:	Feet:	
Supplies Used	Hourly Distribu	
	Hourly Distribu	ition
bags		6
Portland	Drilling Overburden	6 0
Lumnite	Non-core Drilling	The state of the s
Calseal	Core Drilling	W.
Mud It - 500 Mags	Reaming	es Carlos
Chemical Additives bags or gals.	Casing	
	Pulling and	
- 2	· lowering rods	20
	Rig-up/Rig-down	
	Moving	-
	Mixing Mud	1
Special and Characteristic programs of a state of a State of the Astronomy of the State of the Astronomy of	Equipment Repair	
Other Items	Cementing	Management of the same and the same of the
	a) Washing hole	-
Water hauling: Miles 12 Hours /wh	b) Cementing	
Core boxes Size	c) Drill dement	Marting and Police Street Stre
Lost bits	Delays: Explain	The state of the s
Lost tools	vaited for nater	manda articology and place or remarks there are
Rock bits: No. Cw120 Size 42	valley for a	-
Diamond bits: Size Type	Wedging Operations:	-
Other:	Explain	The state of the s
The state of the s	Exprarii	-
Casing Left in Hole:	Market and the second of the s	Berthau ou manuscript our our designature the
Size Feet	Christiana	Action to the control of the control
DIEC Control of the C	Surveying	BARRAGESTAN OF THE PROPERTY OF
Bit Extended and Committee of the Commit	Fishing for tools	And the second second second second second
Subsection and actions Subsections Subsections	Other: Explain	British and reference and an appropriate consequent reference and resident
	When the same of t	
	the state of the s	AND ADDRESS OF THE PARTY PARTY OF THE PARTY
		10 6
	TOTAL HOURS	12.00
Remarks Thawing Pump & line F	oreman	

Helper Mill

Truck Driver Rama

Location:

Angle:

Footage Reamed:

Supplies Used

Other Items

Other:

Casing Left in Hole:

Lost bits

Lost tools

Portland

Lumnite

Calseal Mud

Reaming: To: Size: From:

Casing Placed in Hole: Size:

Casing Removed from Hole: Size:

Chemical Additives bags or gals.

Water hauling: Miles & Hours

Core boxes Size

Rock bits: No. CP449Size 45/4

Diamond bits: Size

Size

bags

Feet

AMAX EXPLORATION, INC.

D	RTT.T.	SHIFT	REPORT
v.		CILLY I	TIDI OILI

	Hole		
	Date:	10-	/2-7)
Project:	Shift	: Day	
Drilling:	To:_/	1760 Siz	e 43
Footage Dr Core Recov Feet: Feet:	ered:	60	:
Hourly D	istribu	tion	
Drilling Over Non-core Dril Core Drilling Reaming Casing Pulling and lowering ro Rig-up/Rig-do Moving Mixing Mud Equipment Rep Cementing a) Washing b) Cementin c) Drill ce Delays: Expla	ds wn air hole g		
Wedging Opera Explain			
Surveying Fishing for t Other: Explai			
TOTAL HO	URS	1-	3
reman_ riller fevry Ko	ble (ali	ini Can	HOLE

Manager St. Company of the Company o	Other: Explain
	TOTAL HOURS 12
Remarks	Foreman
A CONTRACTOR OF THE CONTRACTOR	Driller Terry Roble
	Helper Rod howy Calvin Candle
	Truck Driver

DRILL SHIFT REPORT

7 · 1
Hole Clie-25
Date: 16-13-77
Shift: Day Swing Night
M. I Frendon
To: Size 42 From: 1760
rilled: 140f
Distribution
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g
ods 1½
own
pair
hole mg ement
ain
ations:
tools in
19 kg
OURS /L
Burg
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Location: 604-29	Swing Night
Angle:	Project: M. T. Runston
Reaming: To: 1740 Size: 4 2	Drilling: To: Size 42 From: 1760
Footage Reamed: /40	Footage Drilled: 140/
Canina Disard in Holo: Cinc.	Core Recovered:
Casing Placed in Hole: Size: Casing Removed from Hole: Size:	Feet:
Supplies Used bags	Hourly Distribution
Portland	Drilling Overburden
Lumnite	Non-core Drilling
Calseal	Core Drilling
Mud Chemical Additives bags or gals.	Reaming /±
Chemical Additives bays of gais.	Pulling and
Continue to the second	lowering rods
The state of the s	Rig-up/Rig-down
	Moving
Statement of a residency of the desired from the statement of the statemen	Mixing Mud
	Equipment Repair
Other Items	Cementing
Water hauling Miles Hours	a) Washing hole
Water hauling: Miles Hours Core boxes Size	b) Cementing c) Drill cement
Lost bits	Delays: Explain
Lost tools	DOLLY DE LA PLULII
Rock bits: No. CR-413 Size 434	
Diamond bits: Size Type	Wedging Operations:
Other:	Explain
Casing Left in Hole:	* As we will be a sub-retain against a production of the contraction o
SizeFeet	Surveying Fishing for tools
Company to the second s	Other: Explain
Suita-retailatura strus sunda	Other. Explain
	State for the property of the part and the state of the part of the part and the part of t
	6 /
	TOTAL HOURS 12 km
Remarks And	Foreman
	Driller John Borg
	Helper Bell Jang.
	- Secretar distribution francisco e and figurate designation and application a
	Truck Driver Rungebney

DDTT.T.	CHIET	REPORT

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m - 1		1 -
Date:	100	13
	- factories	- and -

01. 1 6 1	Dane
Shift:	Day
_	

	Swing
Location:	Night
	Project: AMAYS
Angle:	Project: //////
Reaming: To: Size:	Drilling: To: 1970 Size 4%
From:	From: 1900
Birkhitan squarean girle and	
Footage Reamed:	Footage Drilled: 70 Core Recovered:
	Core Recovered:
Casing Placed in Hole: Size:	Feet:
Casing Removed from Hole: Size:	Feet:
Supplies Used	Hourly Distribution
bags	
Portland	Drilling Overburden
Lumnite	Non-core Drilling
Calseal	Core Drilling
Mud	Reaming
Chemical Additives bags or gals.	Casing
	Pulling and
EMPLOYED IN THE CONTRACT VALUE AND THE CONTRACT AND THE C	lowering rods
Employed the first transport and the control of the	Rig-up/Rig-down
Epiropolis 1997 to a registro de productiva de la compansa del la compansa de la compansa del la compansa de la	Moving
#Magnitude Confidence and July Confidence and Confi	Mixing Mud
	Equipment Repair
Other Items	Cementing
	a) Washing hole
Water hauling: Miles O Hours	b) Cementing
Core boxes Size	c) Drill cement
Lost bits	Delays: Explain
Lost tools Cine	Wally on Bets 2
Rock bits: No. Size	
Diamond bits: Size Type	Wedging Operations:
Other:	Explain
Casing Left in Hole:	Market Control of the
Size Feet	Surveying
Books for any production of Books for any production of	Fishing for tools
Earth-respond relations Earth-respond relation	Other: Explain
Biometric personne and and an analysis of the second analysis of the second and an analysis of the second analysis of the second and an analysis of the seco	OCICL DAP LULII
	White his acquaint from the proposal contents and the first contents and the contents are the contents and the contents are t
	Reserved productions above and and apply the many income about the control of the
	TOTAL HOURS
Remarks	Foreman
When four information in the control of the standard side of the standard of t	Driller Fever Robbe
	Driller fevry Kohle
	Helper Calin Cardle - Kot Lours
	The Carrier Carrier

Truck Driver

DRILL SHIFT REPORT

Date:	

Shift:	Day
	Swing

Location: 604-28	Swing	
Angle:	Project: Mt Pleasent	and the second con-
Reaming: To: Size: From:	Drilling: To: Size of From: 1970	44
Footage Reamed:	Footage Drilled: 3011	:
Casing Placed in Hole: Size: Casing Removed from Hole: Size:	Core Recovered: Feet: Feet:	
Supplies Used bags	Hourly Distribution	
Portland Lumnite Calseal Mud	Drilling Overburden Non-core Drilling Core Drilling	
Chemical Additives bags or gals.	Reaming Casing Pulling and lowering rods Rig-up/Rig-down	1/2
Other Items	Moving Mixing Mud Equipment Repair Cementing a) Washing hole	
Water hauling: Miles Hours C Core boxes Size Lost bits Lost tools	b) Cementing c) Drill cement Delays: Explain	American de la Companya del Companya de la Companya de la Companya del Companya de la Companya d
Rock bits: No. Size Diamond bits: Size Type Other:	Wedging Operations: Explain	nakona a takan nakona a takan nakona a nakona
Casing Left in Hole: Size Feet	Surveying Fishing for tools Other: Explain	
	TOTAL HOURS 121	er

y thowar 14 Pipe 22 2 ditting 14 Pipe 2 2

Foreman

Driller John .

Helper Bill Jang

Truck Driver Randy She

HOLE

9n 74F out 226 Sept 1990 74F 226 1990 74 226 2000

		1	
Hole _		<u> </u>	
Date:	10	1-14	-2
Shift:	Swing		
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To:	S	ize)	
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burden			
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DRILL SHIFT REPORT	Shift: Day Swing
Location:	Night
Angle:	Project: AMAXS
Reaming: To: Size: From:	Drilling: To: Size From:
Footage Reamed:	Footage Drilled: Core Recovered:
Casing Placed in Hole: Size: Casing Removed from Hole: Size:	Feet: Feet:
Supplies Used bags	Hourly Distribution
Portland Lumnite Calseal Mud Chemical Additives bags or gals. Other Items Water hauling: Miles Hours Core boxes Size Lost bits Lost tools Rock bits: No. Size Diamond bits: Size Type Other:	Drilling Overburden Non-core Drilling Core Drilling Reaming Casing Pulling and lowering rods Rig-up/Rig-down Moving Mixing Mud Equipment Repair Cementing a) Washing hole b) Cementing c) Drill cement Delays: Explain Wedging Operations: Explain
Casing Left in Hole: Size Feet	Surveying Fishing for tools Other: Explain
	TOTAL HOURS
	Briller Jerry Hall Helper Robboury Calu Caudle

Truck Driver