8 122

Project - Hole:	21-30 (A1u	m)	Date:	11/16/82	
NEI/4N Location:	W1/4NW1/4 ofSec3	O T IN	R381/2E Spud Date:	11/5/82	
County, State:_	Esmeralda, N	evada	Day #:		
Prog. Depth:	2,000'		Contractor:	Superior Drilli	ng
Geologist:	John Deymonaz		Rig.:	TKT	
Drilled 200	06 to	2006	Mud/Air/		
Footage Cut	0'		Temp: In	Out	<u>.</u>
Hole Size			Wt		
Dev. Survey			Vis		
Casing			Ph		
Sonic density,	rt Birdwell l SP, gamma, ind - MRT recorded	ogging crevuction and	w running logs from attempted to run to	emp. log but tool ran 2" tubing, bu	ilt fenc
Well History					
Interval	Hole Size	Casing	<u>!</u>	Expenditures	
0-206	10 1/4	7"	Te	otal to date $\frac{$64,0}{}$	00.
206-1734 1734-2006	6 1/4 5 7/8		Pı	rojected	
				ost/Ft	
			Ві	udgeted \$80,000.	

Project - Hole: 21-30 ( NEI/4NWI/4NWI/4	(Alum)	Date:	11/15/82	2	
Location: of Sec	. <u>30 T IN R38</u>	1/2E Spud Date:	11/5/82		
County, State: Esmeralda	a, Nevada	Day #:			
Prog. Depth: 2,000		Contractor:_	Superior	Drilling	
Geologist: John Deymona	az	Rig.:	TKT		
Drilled 1818 to	2006	Mud/Air/	mud		
Footage Cut188'		Temp: In	96 <sup>0</sup> F	Out_104 <sup>0</sup> F	
Hole Size 5 7/8		Wt 8.8		<u>-</u>	
Dev. Survey @					
Casing		Ph_ 10.2		_	
Bits, stabs, etc. & ser. #	AD51945 5 7/8	outton	<del></del>		
Lithology Thinly laminated	dark gray shales	and minor tan s	iltstone.		
Additional Report Haule	ed water, dug addi	tional mud pits	and mixed	low vis mud	
from 10:00 a.m4 p.m. Dr	rilled from 4-7:30	p.m. Penetrat	ion from 1	5-22 ft/hr.	
Circulated hole from 7:00-	-7:30p.m. POH, Bi	rdwell Geophysi	cs began T	ogging hole at	7:30ț
Well History			Evnanditu	•	
Interval Hole Size	Casing		Expenditur	<del></del>	
0-206 10 1/4	7"		otal to da	ive	
206-17 <del>3</del> 4 6 1/4 17 <del>3</del> 4-2006 5 7/8			rojected cc+/5+		
			ost/Ft udgeted		
		D	uuueteu		

44.

Project - Hole: 21-30 (Alum)	Date: 11/14/82
NET/4NWT/4NWT/4 Location: of Sec. 30 T T	N R381/2E Spud Date: 11/5/82
County, State: Esmeralda, Nevada	Day #:
Prog. Depth: 2,000'	Contractor: Superior Drilling
Geologist: John Deymonaz	Rig.: TKT
Drilled 1734 to 1818	Mud/Air/ mud
Footage Cut84'	Temp: In 91 <sup>0</sup> F Out 105 <sup>0</sup> F
Hole Size 5 7/8	Wt8.7
Dev. Survey @	
Casing	Ph10.6
Bits, stabs, etc. & ser. #_AD 51945,	5 7/8 button on at 1774 t
LithologyThin, dark gray shales (slig	ntly firm) shales getting harder.
Additional Report POH at 1778' to cl	hange to 5 7/8" bit. RIH, drilled to 1818.
Drilling rate at 9-12'/hr.	
Well History	
Interval Hole Size Casing	<u>Expenditures</u>
0-206 10 1/4 7"	Total to date \$46,000
206-17 <b>3</b> 4 6 1/4 17 <b>3</b> 4-1818 5 7/8	Projected \$60,000
1/34-1010 J // 0	Cost/Ft
	Budgeted \$80,000

Project - Hole	: 21-30 (A1	um)	Date:11/13/	82
NE1/4N Location:	NW1/4NW1/4 _ofSec	30 T 1N R3	81/2E_Spud Date:11	/5/82
County, State:	Esmeralda,	Nevada	Day #:	
Prog. Depth:	2,000'		Contractor:Sup	perior Drilling
Geologist:	John Deymonaz		Rig.:TKT	
Drilled 1734	to	1734	Mud/Air/	
Footage Cut	0'		Temp: In	Out
	6 1/4"		Wt	
Dev. Survey	@			
Casing		· · · · · · · · · · · · · · · · · · ·		
Additional Rep		change to 6 1/	4" drag bit, RIH, bea	
Well History			Fyner	nditures
Interval	Hole Size	Casing		to date
0-206 206-1734	10 1/4 6 1/4	7"	Projec	
200 1734			Cost/F	
			Budget	

Project - Hole	: Z1-30 (A1	um)	Date:Date:	
NEI/4	NW1/4NW1/4 _ofSec	30 T IN R3	81/2E_Spud Date: 11/5	5/82
County, State:	Esmeralda,	Nevada	Day #:	
Prog. Depth:	2,000'		Contractor: Super	rior Drilling
Geologist:			Rig.:TKT	
Drilled 165	0' to	1734'	Mud/Air/mud	
Footage Cut	84 '		Temp: In90 <sup>0</sup> F	Out 105 <sup>0</sup> F
Hole Size			Wt8.7	
Dev. Survey	@		Vis 43	
Casing			Ph 10.8	
Bits, stabs, e	tc. & ser. #	DW 714874 6	1/4 chisel tooth butto	n_bit
	in, soft shales			
Additional Rep	ortDrilling	3-6'/hour; rig	g down for repairs to s	wivel
			shift for drag bit.	
				***************************************
Well History				
Interval	Hole Size	Casing	Expend	itures
0-206	10 1/4	7"	Total to	date
206-1734	6 1/4		Projecte	ed
			Cost/Ft_	
			Budgeted	

Project - Hole		um)	Date: <u>]</u>	1/11/82	
	W1/4NW1/4 _ofSec	30 T IN R38	31/2E Spud Date:	11/5/8	2
County, State:	Esmeralda,	Nevada	Day #:		
Prog. Depth:	2,000'		Contractor:_	Superior	r Drilling
Geologist:	John Deymonaz		Rig.:	TKT	
Drilled158	7to <sup>1</sup>	1650	Mud/Air/	mud	
Footage Cut	63 '		Temp: In	85 <sup>0</sup> F	Out 102 <sup>0</sup> F
Hole Size	6 1/4"		Wt_ 8.6		_
Dev. Survey	0	,	Vis32		_
Casing			Ph10.5	<del> </del>	_
Bits, stabs, e	tc. & ser. # <u>6</u>	1/4" chisel too	th button #DW 71	4874	
Lithology	Shales and c	lays.			
Additional Rep	ort Shut down	drilling at 9	a.m.; dug additi	ional mud	pits, mixed
low vis po	Tymer mud, cond	ditioned hole,	resumed drilling	j at 6 p.m	n. Occasional
hard zones	encountered be	elow 1635' and	penetration inc	reasing to	about
5-10 ft/hr	•				,
			- · · · · ·		
Well History			ı	Cunamalitus	
Interval	Hole Size	Casing	•	Expenditu	
0-206	10 1/4 6 1/4			otal to d	
206-1650	0 1/4			-	11 Apr
			В	udgeted	

Project - Hole:		um)	Date:	11/10/82	
NE1/4NI Location:	W1/4NW1/4 ofSec3	30 T IN R	381/2E_Spud Da	te: <u> </u>	82
County, State:_	Esmeralda,	Nevada	Day #:		
Prog. Depth:	2,000'	·····	Contracto	r: Superio	or Drilling
Geologist:	John Deymonaz		Rig.:	TKT	
Drilled 1486'	to	1587'	Mud/Air	/ mud	
Footage Cut					Out 104 <sup>0</sup> F
Hole Size 6			 Wt		
Dev. Survey			Vis		
Casing			Ph	11	
Bits, stabs, et	c. & ser. # <u>6 1</u> /	/4" chisel too	oth button #DW	714874	
Lithology Sof	t shales (?).	Unable to re	etrieve any cu	ttings.	
Additional Repo	rt Penetratio	on 3-6' per ho	our in shales.	Clay rings	s building
behind bit, s	tuck pipe twice	e during the d	day. Drillers	now pulling	g Kelly up
to Icean hole	every 5 feet.				
(Percy Wicklu	nd on site from	m 11:00 a.m	- 4:00 p.m.).		· · · · · · · · · · · · · · · · · · ·
				·	
Well History				Evnandit	
Interval	Hole Size	Casing		Expendit	
0-206	10 1/4"			Total to	
206-1587	6 1/4"			Projected	
				<u></u>	
		<del></del>		Budgeted_	

Project - Hole	: 21-30 (A1) NW1/4NW1/4	um)	Date:	11/9/82	
	of Sec.	30 T 1N R38	31/2E Spud Date	e: <u>11/5/8</u>	2
County, State:	Esmeralda,	Nevada	Day #:7		
Prog. Depth:	2,000'		Contractor	: Superio	r Drilling
Geologist:	John Deymonaz		Rig.:	TKT	
Drilled 1256'	to	1486'	Mud/Air/_	mud	1
Footage Cut	230'		Temp: In	86 <sup>0</sup> F	Out 160 <sup>0</sup> F
Hole Size <u>6</u>	1/4"		Wt		_
Dev. Survey			Vis3	8	_
•			Ph10	4	
	tc. & ser. #6		ooth button #D	W714874	
	-1436' Esmeralda				
	,				nge, penetration
rate 3'/hr., F	OH to change b	it, mixed mud,	haul water, RI	H, drilled	1436-1486',
penetration 5-					
	<u></u>			·	
,					
M. 33 M					
Well History	U.S. 6:			Expenditu	res
Interval	Hole Size	Casing		Total to d	ate_\$32,250.
0-206 206-1486	10 1/4" 6 1/4	7"		Projected_	80,000.
				Cost/Ft	
				Budgeted	

Project - Hole	: 21-30 (A1	um)	Date:	11/8/82	<u>'</u>
NE1/4N Location:	W1/4NW1/4 _ofSec	30 T IN R3	81/2E Spud Date:	11/5/8	2
County, State:	Esmeralda,	Nevada	Day #:		
Prog. Depth:	2,000'		Contractor:	Superio	r Drilling
Geologist:	John Deymonaz		Rig.:	TKT	
Drilled <u>880</u>	to	1256	Mud/Air/_	mud	· · · · · · · · · · · · · · · · · · ·
Footage Cut	376		Temp: In	81 <sup>0</sup> F	Out_92 <sup>0</sup> F
Hole Size	6 1/4"		Wt		<b></b>
Dev. Survey	@		Vis35		<del>-</del> -
Casing			Ph10.0		
Bits, stabs, e	tc. & ser. # <u>6</u>	1/4" soft form	nation mill tooth	bit.	
Lithology Esm	eralda formatio	on; soft shale	and siltstone.		
Additional Rep	ort Encounter	red increasing	amounts of water	to 946'.	. Unable to
unload hol	e with air at 9	946' at 2 a.m.	Spent most of m	orning m	ixing mud and
trying to	control lost c	irculation. Re	esumed drilling a	t 10 a.m	.; drilled with
mud from 9	46-1226'. POH	to change bit:	, RIH, mixed mud,	drilled	1226-1256'.
Penetratio	n 20-30 ft/hr.				
Well History			-		
Interval	Hole Size	Casing	_	xpenditu	,
0-206	10 1/4			otal to d	ace
206-1256	6 1/4			ojected_	
			Co	ost/Ft	
			Bı	idgeted	

Project - Hole:	21-30 (ATu	m)	Date:	11/7/82	
NEI/4N Location:	W1/4NW1/4 ofSec3	0 T 1N	R381/2E Spud Date:	11/5/82	
County, State:_	Esmeralda, N	evada	Day #:		
Prog. Depth:	2,000'		Contractor:	Superior	Drilling
Geologist:	John Deymonaz		Rig.:	TKT .	
Drilled 206	to	880	Mud/Air/	air/foam	injection
Footage Cut	674'		Temp: In		Out
	6 1/4				
Dev. Survey					
Casing			Ph		
Bits, stabs, et	c. & ser. # So	ft formatio	n mill tooth bit.		
250 psi for and strung n	20 minutes. Bl	ind rams at ble. Drill	Ted BOP equipment,  200 psi for 20 min ing rate 120 ft. pe 00 ft.	nutes. Fix	
Well History Interval 0-206	Hole Size	Casing	To	Expenditure	<del></del>
206-880	6 1/4			rojected	
				ost/Ft udgeted	
			DI	ロロリモレモリ	

Project - Ho	le: 21-30 (A1	um)	Date:	11/6/82	
NEI/ Location:	4NW1/4NW1/4 ofSec	30 T IN R3	87/2E Spud Date:	11/5/82	
County, State	e: Esmeralda,	Nevada	Day #:	4	
	2,000'		Contractor:	` ,	
Geologist:	John Deymonaz		Rig.:	TKT	
Drilled	0 to	206'	Mud/Air/_	air/foam	injection
Footage Cut_	0'		Temp: In		Out
Hole Size	10 1/4"		Wt		
	@	•			
Casing					
			<u> </u>		
				h 2 7	la of 7 saak
	<del>'</del>		and cemented wit		
sand m	ix. Dug 2' cella	or.		<u> </u>	
					· · · · · · · · · · · · · · · · · · ·
				_	
Well History			,	Fransk kan al 24	
Interval	Hole Size	Casing		Expenditur	
0-206	10 1/4"				te
			Co	ost/Ft	
			Ві	udgeted	

Word.

Project - Hold	e: 21-30 (Alt	ım)	Date:11/5/82	<u> </u>
NE 1/4	NW 1/4NW 1/4		81/2E Spud Date: 11	
County, State	Esmeralda, N	Vevada	Day #:	· · · · · · · · · · · · · · · · · · ·
Prog. Depth:_	2,000'		Contractor:Sup	erior Drilling
Geologist:	John Deymonaz		Rig.:TKT	
Drilled <u>0</u>	' to 2	06'	Mud/Air/_ air/	foam injection
Footage Cut	206'		Temp: In	Out
Hole Size	10 1/4"		Wt	
Dev. Survey				
Casing				
	etc. & ser. #		***************************************	
				ot to duill site
		,	ng trucks and equipmen	ic co di ili site.
	tarted drilling	at 7.00 p.m.		
			**************************************	
		-		
<u>.</u>				
<del></del>				<u> </u>
		·		
Well History			Funor	dituus
Interval	Hole Size	Casing		ditures
0-206'	10 1/4"			to date
			Project (See to 19	
			Cost/F	
			Budget	ea

Project - Hole	: 21-30 (AT	um)	Date:11/4/8	2
NEI/4N Location:	W1/4NW1/4 _ofSec3	30 T 1N R3	81/2E Spud Date: 11	/5/82
County, State:	Esmeralda, 1	Nevada	Day #:2	
Prog. Depth:	2,000'		Contractor: Sup	erior Drilling
Geologist:	John Deymonaz		Rig.: TKT	
Drilled	to		Mud/Air/	
Footage Cut	0'		Temp: In	Out
			Wt	
Dev. Survey	0		Vis	
Casing			Ph	<del></del>
Bits, stabs, e	tc. & ser. #			
Lithology				
			and equipment to locat	ion at 1900 hours.
Unloaded '	trucks and set u	p equipment.		
	,			
-				
Well History			_	
Interval	Hole Size	Casing	Expenditures	
			Total to date	
			Projec	ted
			Cost/F	t
			Budget	ed

Project - Hole:	21-30 (Alum)	Date:11/	3/82
Location: NE1/4N	WT/4NWT/4 of Sec. 30 T IN R	381/2ESpud Date: 11	/5/82
County, State:_	Esmeralda, NV	Day #: 1	· · · · · · · · · · · · · · · · · · ·
Prog. Depth:	2,000'	Contractor: Sup	erior Drilling
Geologist: Jo	hn Deymonaz	Rig.:TKT	<b>*************************************</b>
Drilled	to	Mud/Air/	
Footage Cut 0	†	Temp: In	Out
Hole Size		Wt	
Dev. Survey	0	Vis	Parada de la companya del companya de la companya del companya de la companya de
Casing		Ph	~~~~~
Bits, stabs, et	cc. & ser. #		
Lithology	**************************************		
Additional Repo	ort H&H Oil Tool delivered	BOP equipment. Pars	ons Construction
built dril	1 pad and blated access road	. Vega Trucking deli	vered mud van.
Well History			
Interval	Hole Size Casing	Expenditures	
		Total	to date
		Projected	
		Cost/F	t
		Budget	ed