Project - Hole	:864	38-9	Date:	May 25, 1981
				April 16, 1981
County, State:	Churchill Co	unty, Nevada	Day #:	39
Prog. Depth:	2000'		Contractor:	Anderson
Geologist:	Mark Avery		Rig.:	
Drilled	to		Mud/Air/	
Footage Cut				Out
Casing				
Bits, stabs, et	tc. & ser. #			
		·		
Mem	orial Day - cre	ew took day off		

Secretary was a second control of the second				
Photographic (1997)				
Well History	•			
Interval	Hole Size	Casing		<u>kpenditures</u>
				tal to date
		***************************************		ojected
				st/Ft
			Buc	lgeted

Project - Hole: 864 38-9	Date:May 24, 1981
Location: NE¼ of SW¼ Sec. 9 T 23N R 40E	
County, State: Churchill County, Nevada	Day #:38
Prog. Depth: 2000'	Contractor: Anderson
Geologist: Mark Avery	
Drilledto	Mud/Air/
Footage Cut	Temp: InOut
Hole Size	Wt
Dev. Survey@	Vis
Casing	Ph
Bits, stabs, etc. & ser. #	
Lithology	
Additional Report	
Finish pulling 7" casing.	
Fill 2-3/8" tubing with water. Capped	tubing.
Relocate most of equipment at 28-18.	
End shift.	
Well History	Expenditures
Interval Hole Size Casing	Total to date
	Projected Projected
	Cost/Ft
	Budgeted

Project - Hole	:864	38-9	Date: May	23, 1981
Location: NE4	of SW4 Sec.	9 T 23N R	40E Spud Date: Ap	ril 16, 1981
County, State:	Churchill Cou	nty, Nevada	Day #:37	
Prog. Depth:	2000'		Contractor: An	derson
Geologist:	Mark Avery		Rig.:	
Drilled	to		Mud/Air/	
Footage Cut				
Hole Size			Wt	
Dev. Survey	0	· · · · · · · · · · · · · · · · · · ·	Vis	
Casing			Ph	
Bits, stabs, et	c. & ser. #			
Lithology				
Additional Repo	ort			
Continu	ed pulling 7"	casing and pack	king up equipment.	
Begin re	elocating equi	oment to hole r	no. 28-18	
				
•				
Well History			Evnon	ditures
Interval	Hole Size	Casing		to date
			Project	
			Cost/Fi	
			Budgete	
		*****	budgete	, u

Project - Hole: 864 38-9	Date: <u>May 22</u> , 1981
Location: NE4 of SW4 Sec. 9 T23N R40E	
County, State: Churchill County, Nevada	·
Prog. Depth: 2000'	Contractor: Anderson
Geologist: Mark Avery	Rig.:
Drilledto	Mud/Air/
Footage Cut	Temp: InOut
Hole Size	Wt
Dev. Survey @	
Casing	Ph
Bits, stabs, etc. & ser. #	
Lithology	
Additional Report	
Finished setting 2-3/8" tubing to 2038'	
Begin pulling 7" casing; pull 50'; end s	
91 joints of 2-3/8" tubing used - averag	ge length = 22.3'
Well History	
Interval Hole Size Casing	Expenditures
0-21 17½ 14′	Total to date
21-300 approx 12½ 9-5/8" 300-1330 8-3/4" 7"-hung & re-	Projectedtrieved
1330-2038 6½ no	Cost/Ft
	Budgeted

Project - Hole: 864 38-9	Date:May 21, 1981
Location: NE4 of SW4 Sec. 9 T 23N R 40	E Spud Date: April 16, 1981
County, State: Churchill County, Nevada	
Prog. Depth: 2,000'	Contractor: Anderson
	Rig.:
Drilled 1820' to 2035'	(Mud)Air/
Footage Cut 215'	
Hole Size 6¼"	
Dev. Survey @	
Casing 7" 0-1300'	
Bits, stabs, etc. & ser. #	
Lithology Silicified siltstone, quartzite a	
Additional Report	
Ran log with microgeophysics at 0100	
Dismantled BOP; prepared to run 2-3,	
Well History	
Interval Hole Size Casing	Expenditures
0-21 17/3 14	Total to date
21-300 12/2 95/2	Projected
1300- 2035 67	Cost/Ft
	Budgeted

Project - Hole: <u>864 38-9</u>	Date:May 20, 1981
Location: NE¼ of SW¼ Sec. 9 T 23N R 40	•
County, State: Churchill County, Nevada	_Day #:34
Prog. Depth: 2,000'	Contractor: Anderson
Geologist: <u>John Deymonaz</u>	Rig.:
Drilled 1800' to 1820'	Mud/Air/
Footage Cut 20'	Temp: In 98 ⁰ F Out 100 ⁰ F
Hole Size 6 ¹ / ₄ "	Wt9.4
Dev. Survey@	Vis33
Casing 9-5/8" 0-300'; 7" 0-1330'	Ph
Bits, stabs, etc. & ser. #	
Lithology Silicified siltstone and cherts	
Additional Report Drilled 1800' - 1820'. USGS	Sarrived on location at 11:30.
Shut down drilling, removed BOP, cut off 7	7" casing flush with 9-5/8"
casing, welded on donut to seal anulus, re	einstalled BOP, tested and
resumed drilling.	
Well History	
Interval Hole Size Casing	Expenditures
	Total to date
	Projected
1000-1820 6/4	Cost/Ft
	Budgeted

Project - Hole	: <u>864</u>	38-9	Date:May	19, 1981
Location: NE ¹ / ₄	of SW ¹ 4 Sec	9 _T 23N _R	40E Spud Date: Ap	ril 16, 1981
County, State:	Churchill Cou	nty, NV	Day #:33	
Prog. Depth:	2,000'		Contractor:An	derson
Geologist:	Mark Ave	ry	Rig.:	
Drilled	to		Mud/Air/	
Footage Cut				Out
Hole Size				
Dev. Survey	0			
Casing				•
Bits, stabs, et	c. & ser. #			
Lithology				1 · · · · · · · · · · · · · · · · · · ·
			oit change. Changed	bit.
	1800 hour	's - running ro	ds with new bit down	hole.
		<u> </u>		
-				
	-			
Well History			Evnor	uditumos
Interval	Hole Size	Casing		to data
			Projec	to date
			Cost/F	
		***************************************	Budget	
			budget	cu

Project - Hole:	804 38-	.9	Date:	May 18, 19	181
Location: NE4	of SW4 Sec.	9 T 23N R	40E Spud Da	te: April 1	6, 1981
County, State:_	Churchill	County, NV	Day #:	32	
Prog. Depth:	2,000'	dan na had a da	Contracto	r: Anderso	on .
Geologist:	Mark Avery		Rig.:		
Drilled 1400	0' to	1568'	Mud/Air	/Mud	
Footage Cut	168'		Temp: I	n	Out
Hole Size	6¼"		Wt	9.2	
Dev. Survey	6		Vis	32	
Casing 7" to	1300'		Ph	8	
Bits, stabs, et	c. & ser. #				
Lithology					
Additional Repo	rt <u>Pulling ou</u>	t for bit char	nge at 1568'.		
			·		
		 			
· · · · · · · · · · · · · · · · · · ·			E-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	and the second s	
Well History			,		
Interval	Hole Size	Casing		Expenditu	
				Total to d	ate
				Projected_	
1400 -15 Cox	60'4	Action of colony and the colony and		Cost/Ft	·
				Budgeted	

Project - Hole	2:864	38-9	Date: May 17	⁷ , 1981
Location: NE	of SW4 Sec.	9 T 23N R	40E Spud Date: Ap	oril 16, 1981
County, State:	Churchill Co	ounty, NV	Day #:31_	
Prog. Depth:	2,000'		Contractor: And	lerson
Geologist:	Mark Avery		Rig.:	
Drilled	to		Mud/Air/	
Casing				
Lithology		·		
			out mud pit. Switche	d over to mud.
	No drilli	ng.		
Well History			Evnon	ditumos
Interval	Hole Size	Casing		ditures
	The state of the s	Procedure Confession of the State of the Sta		to date
			Projec	
			Cost/Fi	
			Budgete	au

Project - Hole	:864	38-9	Date:May 16	, 1981
Location: NE ¹ 4	of SW ¹ 4 Sec.	9 T 23N R	40E Spud Date: Apr	il 16, 1981
County, State:	Churchill Co	unty, NV	Day #:30	
Prog. Depth:	2,000'		Contractor:Ande	erson
Geologist:	Mark Avery		Rig.:	
Drilled 133	0'to	1400'	Mud/Air/	
Footage Cut	70'		Temp: In	Out
Hole Size			Wt	· · · · · ·
Dev. Survey			Vis	
Casing			Ph	
Bits, stabs, e	tc. & ser. #			1
			Drilled 40'. Had 3	00 gpm water.
	Flooded ou	t bit. Pulled	rods and switched to	Tricone bit.
	Drilled 30)'. Hit more wa	ater. Flooded out bit	again.
Well History				
Interval	Hole Size	Casing	Expend	
			Total to	
		*****	Projecto	ed
139 4-1400	6/4		Cost/Ft	
			Budgete	<u>d</u>

Project - Hole	e:864	38-9	Date: May 14, 1981
Location: NE½	of SW4 Sec.	9 T 23N R 4	OE Spud Date: April 16, 1981
County, State:	: Churchill	County, NV	Day #:28
Prog. Depth:	2,000'		Contractor:Anderson
			Rig.:
Drilled	to		Mud/Air/
Footage Cut			Temp: InOut
			Wt
Dev. Survey	0		Vis
Casing			Ph
Bits, stabs, e	tc. & ser. #		
Lithology			
Additional Rep	ort <u>Continued</u>	running 7" casi	ng to 700'. End shift.
	Awaiting	delivery of more	7" casing.
. •			
Well History			Expenditures
Interval	Hole Size	Casing	Total to date
			Projected
			Cost/Ft
			Budgeted

7

Project - Hole: 864 38-9	Date: May 13, 1981
Location: NE4 of SW4 Sec. 9 T 23N R	40E Spud Date: April 16, 1981
County, State: Churchill County, NV	Day #: 27
Prog. Depth: 2,000'	Contractor: Anderson
Geologist: Mark Avery	Rig.:
Drilled1300'to1330'	Mud/Air/Air - foam
Footage Cut 30'	Temp: InOut_116 ^O F
Hole Size 8-5/8"	Wt
Dev. Survey @	Vis
Casing	Ph
Bits, stabs, etc. & ser. #	
Lithology	
Additional Report 1100 hours - Flooded out	air hammer at 1330' with 100-150 gpm H ₂ 0
1200 hours - Began pulli	ng rods.
1500 hours - Finished pu	lling rods.
1600 hours - Began loadi	ng 7" casing and relocating casing
from trailo	rs to 38-9.
	vey: 44.23 ⁰ C at 1320'
2200 hours - Began runni	ng 7" casing.
Well History	<u>Expenditures</u>
Interval Hole Size Casing	Total to date
21-300 17/2 14	Projected
300-1370 8/2 7	Cost/Ft
	Budgeted

Project - Hole	8:	38-9	Date:May .	12, 1981
Location: NE ¹ / ₄	of SW4 Sec	9 T 23N R	40E Spud Date:	April 16, 1981
County, State:	Churchill Co	ounty, Nevada	Day #:26	
Prog. Depth:	2,000'		Contractor: Ar	nderson
Geologist:	Mark Avery		Rig.:	
Drilled 106	50' to	1300'	Mud/Air/	
Footage Cut	240'		Temp: In	Out
Hole Size			Wt	
Dev. Survey	(0		Vis	and the second s
Casing			Ph	
Bits, stabs, e	tc. & ser. #			· · · · · · · · · · · · · · · · · · ·
Lithology				
Additional Rep	ort <u>100 gpm.</u>			
Well History			Expe	enditures
Interval	Hole Size	Casing		to date
	Material Colored Color			ected
			Cost/	
			Budge	4
			· · · · · · · · · · · · · · · · · · ·	

Project - Hole	: <u>864</u>	38-9	Date:	May 11, 1981	
Location: NE	of SW1 Sec.	9 T 23NR	40E Spud Date:	April 16, 1981	
County, State:	Churchill Co	unty, NV	Day #:	25	
Prog. Depth:		· · · · · · · · · · · · · · · · · · ·	Contractor:	Anderson	
Geologist:	Mark Avery		Rig.:		
Drilled82	0' to	1060'	Mud/Air/	Air	
				Out	
Hole Size			Wt		
Dev. Survey					
Casing					
Bits, stabs, et	c. & ser. #				
Additional Repo	ort 300 gpm	approximately	in this interval.		
	Water st	ill about 108 ⁰	F coming out of spl	litter hose.	
W-49-10-10-10-10-10-10-10-10-10-10-10-10-10-					.,,,,,,,,
·					
			·		
Well History					
Interval	Hole Size	Casing		penditures	
			Tota	al to date	-
			Proj	jected	
			Cost	t/Ft	
			Budg	geted	_

Project - Hol	e:864	38-9		_Date:	May 10, 1981
Location: NE	¼ of SW¼ Sec	9 T 23N R	R 40E	_Spud Date:_	April 16, 1981
County, State	:Churchill Co	ounty, NV	Da	ay #:2	24
Prog. Depth:_			Cc	ontractor:	Anderson
Geologist:	Mark Avery			Rig.:	
Drilled 5	50' to	820'		Mud/Air/	Air
Footage Cut	270'			Temp: In	Out
Hole Size				Wt	
Dev. Survey	0		· · · · · · · · · · · · · · · · · · ·	Vis	
Casing				Ph	
Bits, stabs, e	etc. & ser. #				
Lithology			- Vela		
Additional Rep	ort <u>Bit chan</u> c	<u>ıe at 1200 hou</u>	ırs.		
	1500 hour	s - Began dri	illing.	150-200 gp	om of water between
	550' and	820'. Water	coming	out of spli	tter hose at 106 ⁰ F.
	Bit at 60	00'.			
Well History					
Interval	Hole Size	Casing		<u>E</u>)	kpenditures_
-,,,,,-				Tot	tal to date
				Pro	ojected
				Cos	st/Ft
				、 Bu c	lgeted

Project - Hole: 864 38-9	Date:May 9, 1981
Location: NE' of SW Sec. 9 T 23N R 40E	Spud Date:April 16, 1981
County, State: Churchill County, NV	Day #:23
Prog. Depth:	Contractor: Anderson
Geologist: Mark Avery	Rig.:
Drilled 270' to 550'	Mud/Air/
Footage Cut 280'	Temp: InOut
Hole Size	Wt
Dev. Survey @	Vis
Casing	Ph
Bits, stabs, etc. & ser. #	
Lithology	
Additional Report 1000 hours - Dick Whiting of	f USGS arrives for BOP test.
1100 hours - BOP test okay -	- but must install steel blowdown
line.	
1800 hours - Began drilling.	
0800 hours - End shift.	
Well History	
Interval Hole Size Casing	Expenditures
300-500 8/2	Total to date
	Projected
	Cost/Ft
	Budgeted

Project - Hole	e: <u>864</u>	38-9	Date:May 8,	1981
Location: NE¼	of SW4 Sec.	9 T 23N R	40E Spud Date: Ap	ril 16, 1981
County, State:	Churchill Co	unty, NV	Day #: 22	
Prog. Depth:_			Contractor:And	erson.
Geologist:	Mark Ave	ry	Rig.:	
Drilled	to		Mud/Air/	
Footage Cut	· · · · · · · · · · · · · · · · · · ·			Out
Hole Size			Wt	
Dev. Survey	0		Vis	again gan ganthalalan
Casing			Ph	
Bits, stabs, e	tc. & ser. #			
Lithology				
Additional Rep	ort <u>Crew spe</u>	nd entire day i	nstalling BOP units.	Testing units.
	Small lea	ak found and fi	xed.	
	,			·
	·			
Well History			Evnon	dituaca
Interval	Hole Size	Casing		ditures
				to date
			Projec	
			Cost/F	
			Budget	ed

Project - Hole	2: 864	38-9	Date: May	7 , 1981
			<u>40E</u> Spud Date: <u>A</u>	
County, State:	Churchill C	County, NV	Day #:21	
Prog. Depth:			Contractor: And	erson .
Geologist:	Mark Avery		Rig.:	
Drilled	to		Mud/Air/	
Footage Cut			Temp: In	Out
	0			
Casing			Ph	
Bits, stabs, e	tc. & ser. #	· · · · · · · · · · · · · · · · · · ·		
			00'. Cement casing. I	
			·	
	· · · · · · · · · · · · · · · · · · ·			
Well History				
Interval	Hole Size	Casing		ditures
0-21	17/2	14	Total	to date
21-310	12/2	100	Projec	ted
			Cost/F	t
			Budgete	ed

Project - Hole: 864 38-9	Date:May 6, 1981
Location: NE4 of SW4 Sec. 9 T23N R	40E Spud Date: April 16, 1981
County, State: Churchill County, Nevada	Day #:20
Prog. Depth:	Contractor: Anderson
Geologist: Mark Avery	Rig.:
Drilled 270' to 300'	Mud/Air/
Footage Cut30'	Temp: InOut
Hole Size	Wt
Dev. Survey 0	
Casing	Ph
Bits, stabs, etc. & ser. #	
Lithology	
Additional Report Freed tools and drilled	to 300'. Began to set 9-5/8"
casing to 100'.	
Well History	
Interval Hole Size Casing	Expenditures
280-300 1/2 95	Total to date
	Projected
	Cost/Ft
	Budgeted

Project - Hole	:864	38-9	Date: <u>May</u>	5, 1981
Location: NE ¹ / ₄	of SW뉴 Sec	9 T 23N R	40E_Spud Date:	April 16, 1981
County, State:	Churchill Coun	ty, Nevada	Day #:19)
Prog. Depth:	2,000'		Contractor: <i>[</i>	Anderson
Geologist:	Mark Avery		Rig.:	
Drilled	to		Mud/Air/	
Footage Cut				Out
	0			
Casing_	,		Ph	
Bits, stabs, e	tc. & ser. #			
Lithology		,		
Additional Repo	ort <u>0900 hours:</u>	Began cleani	ng out hole around	stuck drill bit.
	1200 hours:	Stuck again	at 240'.	
	1400 hours:	Began cleani	ng around drill bit	
	1600 hours:	End shift.	Still at 240'.	
·				
	-			
Well History				
Interval	Hole Size	Casing		enditures
			,	l to date
			Proj	ected
			Cost	/Ft
			Budg	eted

Project - Hole	:: <u>864</u>	38-9	Date:May 4,	1981
			OE Spud Date: A	
County, State:	Churchill Cou	nty, Nevada	Day #:18	
Prog. Depth:	2,000'	·	Contractor:And	erson
Geologist:	Mark Avery		Rig.:	
Drilled	to		Mud/Air/	
Footage Cut		·	Temp: In	Out
	1		Wt	
Dev. Survey	0		Vis	4,000
Casing				
Bits, stabs, e	tc. & ser. #	**************************************		
			to 38-9. Driller w	
Manufacture and the second of the second	to pick up	parts. End sh	ift.	
·				
				·
Well History				
Interval	Hole Size	Casing		ditures
				to date
			Project	ted
			Cost/F	
			Budgete	ed

Project - Hole	: 864	38-9	Date:April	23-26, 1981
Location: NE ¹ / ₄	of SW4 Sec.	9 T 23N R 4	OE Spud Date: Apr	ril 16, 1981
County, State:	Churchill Co	ounty, NV	Day #:7,8,9,10	
Prog. Depth:	2,000'		Contractor:And	lerson
Geologist:	Mark Avery		Rig.:	
Drilledn/a	to		Mud/Air/	
Footage Cut			Temp: In	Out
Hole Size			Wt	-
Dev. Survey_	0			
Casing				
Bits, stabs, et	tc. & ser. #			

Additional Repo	ort <u>No work</u>	done - crew at	25-9.	
Well History				
Interval	Hole Size	Casing		ditures
			Total	to date
			Projec	ted
			Cost/F	t
			Budget	ed

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Project - Hole	864 23		Date:April 2	22, 1981	
Location: NW4	_of_SW ¹ 4_Sec	9 T 22N R	40E Spud Date:	3/26/81	
County, State:	Churchill Cou	inty, NV	Day #:7	· · · · · · · · · · · · · · · · · · ·	
Prog. Depth:	2,000'		Contractor:	Anderson	
Geologist:	Mark Avery		Rig.:		
Drilled	to		Mud/Air/		
Footage Cut					
Hole Size					
Dev. Survey					
Casing					
Bits, stabs, e	tc. & ser. #				
			nt entire day at 25-9.		
The Paris are an area for the paris and a second a second and a second a second and					
Northwest Street Lawrence Commission of Management Lawrence Commission of Commission o					
	·				
·					
Well History			Evnone	litumos	
Interval	Hole Size	Casing		ditures data	
			Project	o date	_
			Cost/Ft		
	***************************************		Budgete	:u	_

Project - Hole:	864 38-9		Date:April 20, 19	981
Location: NE¼ of	SW4 Sec.	7 23N R 40E	_Spud Date: April 16	5, 1981
County, State:	Churchill Cou	nty, NV D	ay #: 5 & 6	
Prog. Depth: 2,	,000'	C	ontractor: Anderson	
Geologist:	Mark Avery		_Rig.:	
Drilled 21'	to	280'	Mud/Air/Air	
			Temp: In	Out
Hole Size			Wt	
			Vis	
Casing			Ph	
Bits, stabs, etc.	& ser. #			
Lithology				
Additional Report_	At 5:06 p.m.	hole caved in.	Stuck in hole. Unscr	ewed drill
	string. Try	ing to wash around	d stabilizer. Pulled	40' of rods
	and ended sh	ift. Still unscre	ewed.	
	4/21/81 - No	work done.		
	,			
Well History		•		
Interval Ho	ole Size	Casing	Expenditure	
0-21	2 /2	14	Total to dat	
21 - 280	12/2		Projected	
			Cost/Ft	
			Budgeted	

Project - Hole	e: <u>864</u>	38-9		_Date:April	18, 1981	
Location: NE			R 40E	Spud Date:A	pril 16, 1981	
County, State:	Churchill C	ounty, NV)ay #:3		
Prog. Depth:_						
Drilled	to		······································	Mud/Air/		
Footage Cut					Out	
Hole Size				Wt		
Dev. Survey				Vis		
	Casing			Ph		
Bits, stabs, e	tc. & ser. #					
				er holiday -		
Well History			·			
Interval	Hole Size	Casing			<u>enditures</u>	
				Tota	1 to date	
		**************************************		Proj	ected	
				Cost	/Ft	
				Budg	eted	

Project - Hole	2: 864	38-9	Date:April	17, 1981		
			40E Spud Date: Apr			
County, State:	Churchill Co	ounty, NV	Day #:2			
Prog. Depth:	2,000'		Contractor:Ande	erson		
Geologist:	Mark Avery		Rig.:			
Drilled	to		Mud/Air/			
Footage Cut	······································	·	Temp: In	Out		
Hole Size			Wt			
Dev. Survey @						
Casing		Ph	Ph			
Bits, stabs, e	tc. & ser. #					
			e backhoe to 38-9.			
	Set up sp	litter. Dug ga	rbage pit. Hooked u	p compressor.		
	•					
Well History			_			
Interval	Hole Size	Casing		Expenditures		
			Total	to date		
			Projected			
			Cost/F			
			Budget	ed <u>·</u>		

Project - Hole	::864	38-9	Date: Apr	<u>il 16, 1981 </u>			
Location: NE ¹ / ₄	of SW4 Sec	9 T 23N R	40E Spud Date:	April 16,	1981		
County, State:	Churchill Co	ounty, Nevada	Day #:1				
Prog. Depth:	2,000'		Contractor:	Anderson			
Geologist:	Mark Avery		Rig.:				
Drilled)'to	21'	Mud/Air/	Air			
Footage Cut	21'		Temp: In	Out			
Hole Size 12							
	0		•				
Casing 14	" set to 22'						
Lithology							
			d to 21'. Reamed I	hole (17½").	Set 14"		
	casing.						
					-		
Well History			.				
Interval	nterval Hole Size Casing			Expenditures			
0-22	17/2	14"	Total to date				
				jected			
		E-INVESTMENT OF THE PARTY OF TH					
		****	Bud	geted	······································		