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30-045-20915

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO

(Submit 3 copies to OCD Aztec Office)

Operator MERIDIAN OIL Location: Unit NE Sec. 12 Twp 25 Rng 9Name of Well/Wells or Pipeline Serviced NAGEEZI #1

cps 1766w

Elevation 6431 Completion Date 10/31/84 Total Depth 280' Land Type* N/ACasing, Sizes, Types & Depths N/AIf Casing is cemented, show amounts & types used N/A

If Cement or Bentonite Plugs have been placed, show depths & amounts used

N/A

Depths & thickness of water zones with description of water when possible:

Fresh, Clear, Salty, Sulphur, Etc. 80', 120'Depths gas encountered: N/AType & amount of coke breeze used: 2800 lbs.Depths anodes placed: 260', 250', 240', 230', 220', 210', 200', 190', 170', 150'Depths vent pipes placed: 280'Vent pipe perforations: 220'Remarks: gb #1**RECEIVED**

MAY 31 1991

OIL CON. DIV
DIST. 3

If any of the above data is unavailable, please indicate so. Copies of all logs, including Drillers Log, Water Analyses & Well Bore Schematics should be submitted when available. Unplugged abandoned wells are to be included.

*Land Type may be shown: F-Federal; I-Indian; S-State; P-Fee.
If Federal or Indian, add Lease Number.

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

Drilling Log (Attach Hereto) ☒Completion Date 10-31-84

CPS #	Well Name, Line or Plant	Work Order #	Static	Ins. Union Check	
1766-W	NAGEEZI #1	55231-19-50-20	71	☒ Good ☐ Bad 24 MA	
Location	Anode Size	Anode Type	Size Bit		
NE 12-25-9	2" X 60"	Duriron	6 3/4"		
Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used	No. Sacks Mud Used
280'	276'		2,800		
Anode Depth					
# 1 260	# 2 250	# 3 240	# 4 230	# 5 220	# 6 210
# 7 200	# 8 190	# 9 170	# 10 150		
Anode Output (Amps)					
# 1 3.20	# 2 3.60	# 3 4.08	# 4 4.22	# 5 4.05	# 6 4.15
# 7 3.83	# 8 4.15	# 9 3.20	# 10 4.42		
Anode Depth					
# 11	# 12	# 13	# 14	# 15	# 16
# 17	# 18	# 19	# 20		
Anode Output (Amps)					
# 11	# 12	# 13	# 14	# 15	# 16
# 17	# 18	# 19	# 20		
Total Circuit Resistance			No. 8 C.P. Cable Used		No. 2 C.P. Cable Used
Volts 12.1	Amps 18.7	Ohms 64	433'		

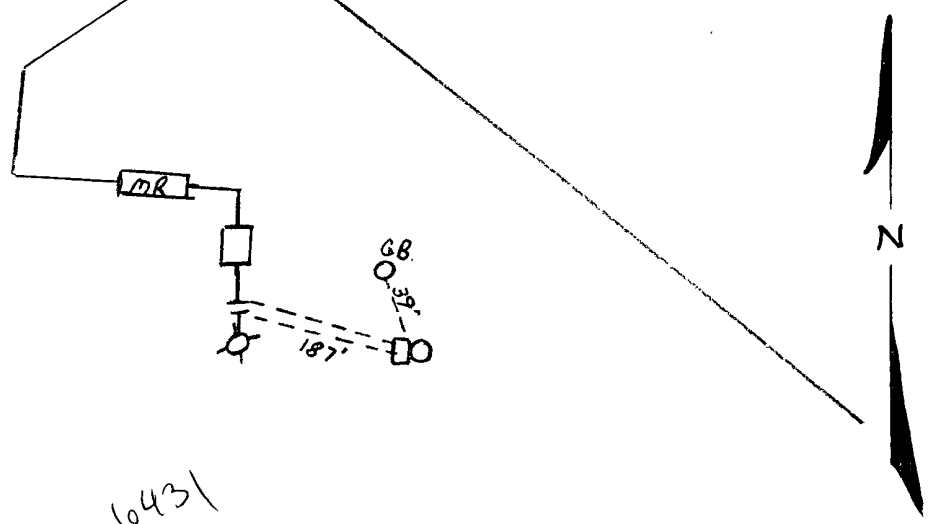
Remarks: Drilled to 80', found water. hole set for 5 min. Could not blow water from hole. Started injecting water, drilled to 120' found better water zone. Blew hole out, shut in for 5 min. Produced water approx. 7 gpm. Found good shale starting at 150' with bentonite, Red shale to near bottom of hole. Installed 280' of 1" p.v.c. vent pipe, 220' with perforations. Slurried approx. 2,800 lbs Coke down hole.

Rectifier Size: 40 V 16 A 8 hr time / 1 over time
 Addn'l Depth: _____
 Depth Credit: 224'
 Extra Cable: 207
 Ditch & 1 Cable: 226'
 25' Meter Pole: 1
 20' Meter Pole: _____
 10' Stub Pole: 1

All Construction Completed

C. W. Donohue
 (Signature)

GROUND BED LAYOUT SKETCH



Plowed Cable 11-28-84

CPS #: 1766-W WELL NAME: Nageezi #1

LOCATION: NE 1/2 DATE:

TOTAL VOLTS: 12.1

TOTAL AMPS: 18.7

OHMS RESISTANCE: .64

Readings Logged Thru 3,000' wire

												ANODE READINGS			
DEEP	LOG ANODE	ANODE NO.	DEEP	LOG ANODE	ANODE NO.	DEEP	LOG ANODE	ANODE NO.	DEEP	LOG ANODE	ANODE NO.	NO.	DEPTH	NO. COKE	WITH COKE
5			185	1.44		365			545			1	260	1.95	3.20
10			190	1.50	✓ 8	370			550			2	250	2.26	3.60
15			195	1.47		375			555			3	240	2.50	4.08
20			200	1.47	✓ 7	380			560			4	230	2.33	4.22
25			205	1.48		385			565			5	220	2.15	4.05
30			210	1.50	✓ 6	390			570			6	210	1.90	4.15
35			215	1.54		395			575			7	200	2.07	3.83
40			220	1.60	✓ 5	400			580			8	190	2.15	4.15
45			225	1.64		405			585			9	170	2.00	3.70
50			230	1.74	✓ 4	410			590			10	150	2.06	4.42
55			235	1.79		415			595						
60			240	1.80	✓ 3	420			600						
65			245	1.75		425			605						
70			250	1.71	✓ 2	430			610						
75			255	1.66		435			615						
80	1.00		260	1.49	✓ 1	440			620						
85	.93		265	1.08		445			625						
90	.82		270	.46		450			630						
95	.82		275	.46		455			635						
100	.83		280	.70		460			640						
105	.80		285			465			645						
110	.74		290			470			650						
115	.74		295			475			655						
120	.69		300			480			660						
125	.62		305			485			665						
130	.68		310			490			670						
135	1.14		315			495			675						
140	1.47		320			500			680						
145	1.34		325			505			685						
150	1.48	✓ 10	330			510			690						
155	1.45		335			515			695						
160	1.35		340			520			700						
165	1.35		345			525			705						
170	1.46	✓ 9	350			530			710						
175	1.34		355			535			715						
180	1.35		360			540			720						

REMARKS:

Drilled to 80' found water. Hole set for 5 min could not blow water from hole. Started to rock on drive to 120' found more water. Blew hole out, shut down for 5 minutes. Revent water approx 10 min. Found good shale starting at 150' with water to rock hole to bottom of hole. Installed 230' of 1 1/2" pipe, 220' with perfect seal. No stored approx 2,000 lbs. coke lower hole.

DAI LY DRILLING REPORT

LEASE NAME				WELL NO.				CONTRACTOR				RIG NO.				REPORT NO.				DATE				
MORNING								DAYEIGHT								EVENING								
Diller		FORMATION		WT. BIT		R.P.M.		Diller		FORMATION		WT. BIT		R.P.M.		Diller		FORMATION		WT. BIT		R.P.M.		
FROM	TO	FORMATION	WT. BIT	R.P.M.	FROM	TO	FORMATION	WT. BIT	R.P.M.	FROM	TO	FORMATION	WT. BIT	R.P.M.	FROM	TO	FORMATION	WT. BIT	R.P.M.	FROM	TO	FORMATION	WT. BIT	R.P.M.
0	60	SANDSTONE																						
60	120	SAND SANDY SHALE	AT 60	70																				
120	140	BENTONITE																						
140	280	SHALE																						
NO. DC		SIZE		LENG.		NO. DC		SIZE		LENG.		NO. DC		SIZE		LENG.		NO. DC		SIZE		LENG.		
BIT NO.		NO. DC		SIZE		LENG.		BIT NO.		NO. DC		SIZE		LENG.		BIT NO.		NO. DC		SIZE		LENG.		
SE L.N.O.		STANDS		SINGLES		SERIAL NO.		SE L.N.O.		STANDS		SINGLES		SERIAL NO.		SE L.N.O.		STANDS		SINGLES		SERIAL NO.		
SIZE		DOWN ON KELLY		TOTAL DEPTH		MAKE		SIZE		DOWN ON KELLY		TOTAL DEPTH		MAKE		SIZE		DOWN ON KELLY		TOTAL DEPTH		MAKE		
TYPE		MUD RECORD		MUD. ADDITIVES USED AND RECEIVED		TIME		TYPE		MUD RECORD		MUD. ADDITIVES USED AND RECEIVED		TIME		TYPE		MUD RECORD		MUD. ADDITIVES USED AND RECEIVED		TIME		
TIME		WT.		VIS.		TIME		WT.		VIS.		TIME		WT.		TIME		WT.		VIS.		TIME		
FROM		TO		TIME BREAKDOWN		FROM		TO		TIME BREAKDOWN		FROM		TO		TIME BREAKDOWN		FROM		TO		TIME BREAKDOWN		

SIGNED: Toolpus

Company Supervisor