

1146

E

30-045- 21308 (PRE-ONGARD)

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. 13 Twp 25 Rng 9Name of Well/Wells or Pipeline Serviced NAGEEZI #3

cps 1767w

Elevation 6452' Completion Date 11/16/84 Total Depth 160' Land Type* N/ACasing, Sizes, Types & Depths 60' OF 8" PVC CASINGIf Casing is cemented, show amounts & types used N/AIf Cement or Bentonite Plugs have been placed, show depths & amounts used
N/ADepths & thickness of water zones with description of water when possible:
Fresh, Clear, Salty, Sulphur, Etc. N/ADepths gas encountered: N/AType & amount of coke breeze used: 1600 lbs.Depths anodes placed: 155', 130', 145', 135'Depths vent pipes placed: N/AVent pipe perforations: N/ARemarks: gb #2

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

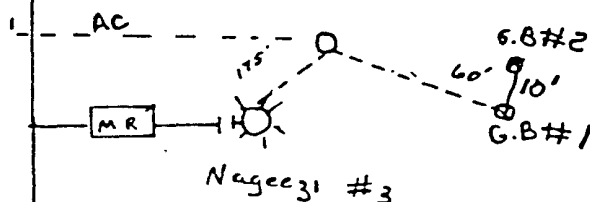
Drilling Log (Attach Hereto) ☒Completion Date 11-16-84

PS #	Well Name, Line or Plant	Work Order #	Static	Ins. Union Check
1767 W	NAGEEZI #3	55320-21-50-20	68V 600' SE.	☒ Good ☐ Bad
Location	Anode Size	Anode Type	Size Bit	
NE 13-25-9	2" X 60"	DURUM	6 3/4" button bit.	
Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used
260'	260'	Hole #1	2600 lbs	
Anode Depth	Hole #1	Hole #2	1600 lbs	4200 TOTAL
1 240'	#2 230'	#3 220'	#4 200'	#5 190'
#6 165'	#7 155'	#8 130'	#9 145'	#10 135'
Anode Output (Amps)	5.00	3.80	2.98	4.60
#1 3.45	#2 5.00	#3 3.80	#4 2.98	#5 4.60
#6 3.01	#7 4.20	#8 3.46	#9 2.70	#10 4.0
Anode Depth	#12	#13	#14	#15
11	#12	#13	#14	#15
Anode Output (Amps)	#16	#17	#18	#19
11	#16	#17	#18	#19
Total Circuit Resistance	No. 8 C.P. Cable Used	No. 2 C.P. Cable Used		
Volts 12.34	Amps 14.3	Ohms .86		
12.10	20.30	.60		

Remarks: 11-9-84 J.S. to Hts - Set 60' of 8" PVC casing due to sand & gravel. Started setting casing at 12:08, casing set at 1:00 P.M. 11-12-84 Some water at 60'. Good water at 100' running 8 gals. per minute (per driller). Found shell and sandy shell at 100' & 140'. mostly sand and gravel to 260' which was bottom of hole. Installed 265' C PVC vent pipe with 160' of perforations. Slurried 2600 lbs of coke down hole. Hole bridged off at #7 anode after it had been coked. Put #8 anode at 130; A. rectifier Size: 40 V 16. room up hole for anode #9 & 10. All Construction Completed
 Hdn'l Depth: NONE 11-16-84 Drilled Hole #2 SET ANODES #9 & 10
 Depth Credit: 240' Set casing 10:00 AM to 12:00 AM - 60' of casing
 Tra Cable: 200' Total casing setting TIME 3 hrs
 Patch & 1 Cable: 245' (Signature)
 Meter Pole: NONE
 Meter Pole: NONE
 Stub Pole: 1
 Signed off 12-4-84

O.V. Time Hours = 6
 Regular Hours = 32

car/leg
 CO2 line
 Pipeline Co



6452

EL PASO NATURAL GAS

ANALYSIS DIVISION
 WASHINGTON, D.C. 20540
 WASHINGTON, D.C. 20540

ANALYSIS NO. 1-11497
 LOCATION: EL PASO NATURAL GAS
 DATE: 11-20-84
 ANALYST: J. L. HILLARD
 SAMPLE FROM: CPS 17370-10
 DATE SAMPLED: 11-16-84
 ANALYST: J. L. HILLARD
 SURFACE CLOSING PRESSURE:

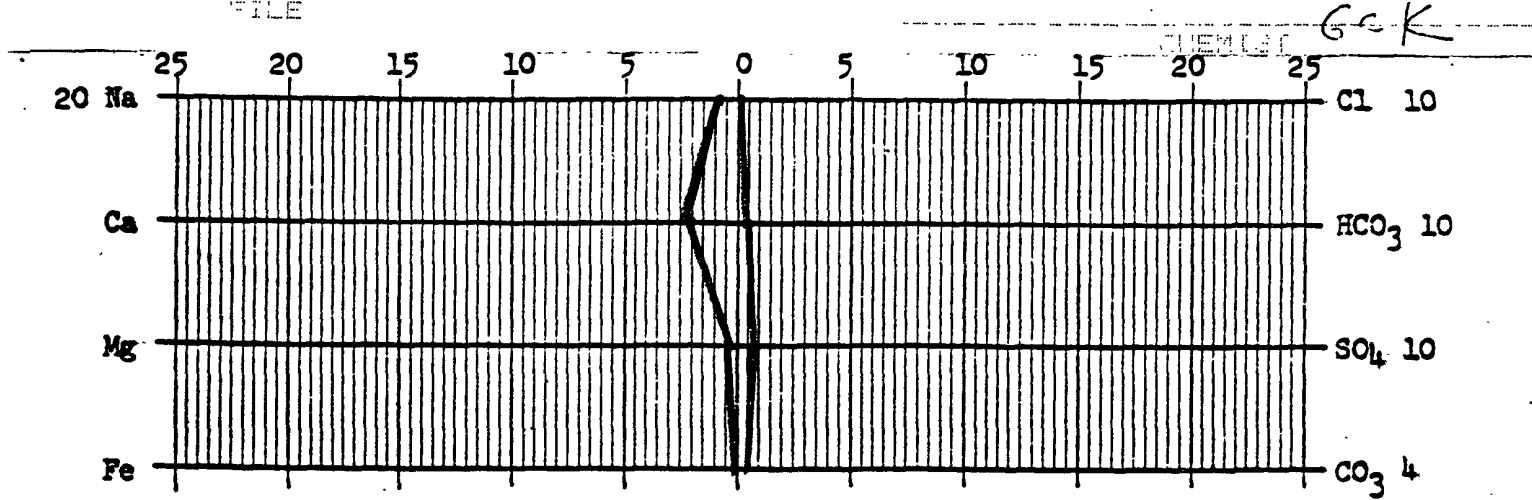
DATE: 11-21-84
 WELL NAME: PROSEDI W. CPS 17370-10
 COUNTY: SAN JUAN STATE: NEW MEXICO
 ACQUISITION:
 RECORDED BY: D. J. HUNT
 CLOSING PRESSURE:

	SPH/100 G/L	1.00	1.00	1.00	1.00	1.00
TOTAL ALKALINITY	50	11.8	275			
CALCIUM ALKALINITY	50	0	0			
MAGNESIUM	50	12.0	250	512	5.0	
SODIUM	50	0	0	0	0	
POTASSIUM	50	0	0	0	0	
IRON	50	0	0	0	0	
COBALT	50	0	0	0	0	
CHROMIUM	50	0	0	0	0	
NICKEL	50	0	0	0	0	
LEAD	50	0	0	0	0	
CADMIUM	50	0	0	0	0	
ANTHRACENE	50	0	0	0	0	
PHENOL	50	0	0	0	0	
THIOPHENE	50	0	0	0	0	
FLUORINE	50	0	0	0	0	
BROMINE	50	0	0	0	0	
IODINE	50	0	0	0	0	
CHLORINE (CALCULATED)	50	0	0	0	0	
CHLORINE	50	0	0	0	0	
HYDROCARBONS	50	0	0	0	0	
TOTAL DISSOLVED SOLIDS	50	0	0	0	0	
SPH	50	0	0	0	0	
SPH/100 GRAVITY	50	0	0	0	0	
SPH/100	50	0	0	0	0	
CONDUCTIVITY	50	0	0	0	0	

ALL RESULTS EXPRESSED IN PARTS PER MILLION-SPACE IS LEIS THAN 0.1 ppm

ANALYST: J. L. HILLARD
 J. L. HILLARD
 J. L. HILLARD
 J. L. HILLARD
 J. L. HILLARD
 J. L. HILLARD
 J. L. HILLARD

G. P. BIRD



INSTRUCTION LOGGING READINGS

CPS #: 1767W WELL NAME: NAGEEZI #3

LOCATION: NE 13-25-9 DATE: Hole # 1-11-84

Hole # 1
TOTAL VOLTS: 12.10 TOTAL AMPS: 20.30Hole # 2-11-84
OHMS RESISTANCE: 60Hole # 2
Readings logged through 1800' spool.

												ANODE READINGS				
DEEP	LOG	ANODE	DEEP	LOG	ANODE	DEEP	LOG	ANODE	DEEP	LOG	ANODE	NO.	DEPTH	NO	WITH	
	ANODE	NO.		ANODE	NO.		ANODE	NO.		ANODE	NO.			COKE	COKE	
5			185	1.74		365			545			1	240	1.90	3.01	3.4
10			190	1.83		370			550			2	230	2.50	4.20	5.0
15			195	1.67		375			555			3	220	2.15	3.76	3.8
20			200	1.24		380			560	Hole		4	200	1.80	2.70	2.8
25			205	1.05		385			565	#1		5	190	2.34	4.00	4.0
30			210	.92		390			570			6	165	1.83	3.15	3.2
35			215	1.12		395			575			7	155	2.13	4.00	4.4
40			220	1.65		400			580			8	130	2.60	3.80	4.0
45			225	1.78		405			585	Hole		9	145	2.40	5.40	5.4
50			230	1.90		410			590	#2		10	135	2.62	5.60	5.0
55			235	1.68		415			595							
60		water	240	1.20		420			600							
65			245	.87		425			605							
70			250	.47		430			610							
75			255	.38		435			615							
80			260	Both		440			620							
85	11-12	11-16	265			445			625							
90	Hole	Hole	270			450			630							
95	#1	#2	275			455			635							
100	.43	.48	280			460			640							
105	.53	.52	285			465			645							
110	.52	.57	290			470			650							
115		.70	295			475			655							
120		.85	300			480			660							
125	1.21	1.28	305			485			665							
130	1.60	2.00	310			490			670							
135	1.83	2.26	315			495			675							
140	1.88	2.30	320			500			680							
145	1.78	2.22	325			505			685							
150	1.91	2.35	330			510			690							
155	1.73	Both	335			515			695							
160	1.65		340			520			700							
165	1.26		345			525			705							
170	.67		350			530			710							
175	.59		355			535			715							
180	1.02		360			540			720							

REMARKS: 11-9-84 Joe stalls - Arrive Set 60' of 8" P.V.C. Casing Due to Sand & gravel. Started setting casing at 12:08 PM had casing set at 1:00 PM
 11-12-84 - Some water at 60'. Good water at 100' at 8 gal per minute & (per driller) found shell and sandy shell at 100' to 240' mostly sand and gravel to 260' bottom of hole. Installed 265' of P.V.C. vent pipe with a 160' of perforations. Slurried 2600 lbs of Coke downhole. Hole bridged off above #7 anode after it had been coked. Put #2 anode at 130' to form up hole for anode #9 & 10. 11-16-84 (OVER)

井

DAILY DRILLING REPORT

DATE 11-12-1984

DAYLIGHT

EVENING

Driller <u>HOLDS #1</u> Total Men In Crew <u>3</u>					Driller <u>HOLDS #2</u> Total Men In Crew <u>3</u>				
FROM	TO	FORMATION	MT-BIT	R.P.M.	FROM	TO	FORMATION	MT-BIT	R.P.M.
0'	60'	Surface Sand			0	60	Casings		
60'	90'	Sandstone			60	160	Shale etc		
90'	120'	Sandstone							
120'	145'	Sandy Shale							
NO. DC <u>1/2</u> SIZE <u>44</u> LENG. <u>20'</u> NO. DC <u>1/2</u> SIZE <u>44</u> LENG. <u>20'</u> STANDS SINGLES <u>13</u> DOWN ON KELLY MAKE <u>Butt on</u>					NO. DC <u>1/2</u> SIZE <u>44</u> LENG. <u>20'</u> NO. DC <u>1/2</u> SIZE <u>44</u> LENG. <u>20'</u> STANDS SINGLES <u>8</u> DOWN ON KELLY MAKE <u>Butt on</u>				
MUD RECORD MUD, ADDITIVES USED AND RECEIVED Time <u> </u> Wt. <u> </u> Vis. <u> </u>					MUD RECORD MUD, ADDITIVES USED AND RECEIVED Time <u> </u> Wt. <u> </u> Vis. <u> </u>				
FROM <u>8:00</u> TO <u>6:01</u> <u>8" schedule 80 plastic</u> TIME BREAKDOWN FROM <u> </u> TO <u> </u> <u>60' 8" schedule 80 plastic</u> TIME BREAKDOWN FROM <u> </u> TO <u> </u> <u>80' 8" schedule 80 plastic</u> TIME BREAKDOWN					FROM <u> </u> TO <u> </u> <u>80' 8" schedule 80 plastic</u> TIME BREAKDOWN FROM <u> </u> TO <u> </u> <u>80' 8" schedule 80 plastic</u> TIME BREAKDOWN				
REMARKS - <u>Producing a little water at 60'</u> <u>Producing water at 100 about 8 gal/minute.</u> <u>Set 60' of 8" PVC casing pipe.</u> <u>Casing time - 1 hour.</u>					REMARKS - <u>Set 60' more casing on the second</u> <u>hole. Also 1 hr on casing time,</u> <u>drilled to 160', on second</u> <u>hole.</u>				