

30-045-23299

3888

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO
(Submit 3 copies to OCD Aztec Office)

Operator MERIDIAN OIL INC. Location: Unit D Sec. 16 Twp 32 Rng 10

Name of Well/Wells or Pipeline Serviced EPNG COM C #4A

cps 1957w

Elevation 6733' Completion Date 6/6/88 Total Depth 520' Land Type* N/A

Casing, Sizes, Types & Depths N/A

If 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. 130' & 270'

RECEIVED

MAY 31 1991

Depths gas encountered: N/A

Type & amount of coke breeze used: N/A

OIL CON. DIV
DIST. 3

Depths anodes placed: 445', 438', 430', 360', 352', 344', 336', 328', 320', 312'

Depths vent pipes placed: 510'

Vent pipe perforations: 420'

Remarks: gb #1

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) ☐

6-21-88

Completion Date 6/6/88

CPS	Well Name Line or Plant	Work Order #	State	Ins. Union Check
1957 W	2.P.N.G. com A-4 A	49617A 2049616A	600 W = .90 ✓	☒ Good ☐ Bad
Location	Anode Size	Anode Type	Size Bit	
D-16-32-10	2" x 60"	DURION	6 3/4"	
Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs. Crk. Used	Lost Circulation Mat. Used
520	510			
Anode Depth				
= 1 445	= 2 438	= 3 430	= 4 360	= 5 352
= 6 344	= 7 336	= 8 328	= 9 320	= 10 312
Anode Output (Amps)				
= 1 3.0	= 2 3.6	= 3 3.6	= 4 3.5	= 5 4.0
= 6 3.9	= 7 3.0	= 8 3.8	= 9 3.1	= 10 3.0
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				
Volts 12.1	Amps 14.0	Ohms .86	No. 6 C.P. Cable Used	No. 2 C.P. Cable Used

Remarks: HIT WATER AT 130', DRILLED TO 200', BLOW WATER OUT OF HOLE NEXT A.M. TOOK WATER SAMPLE. HIT WATER AT 270' WITH LOGGING ANODE. INSTALLED 510' of 1" P.V.C. VENT pipe, PERFORATED 420'.

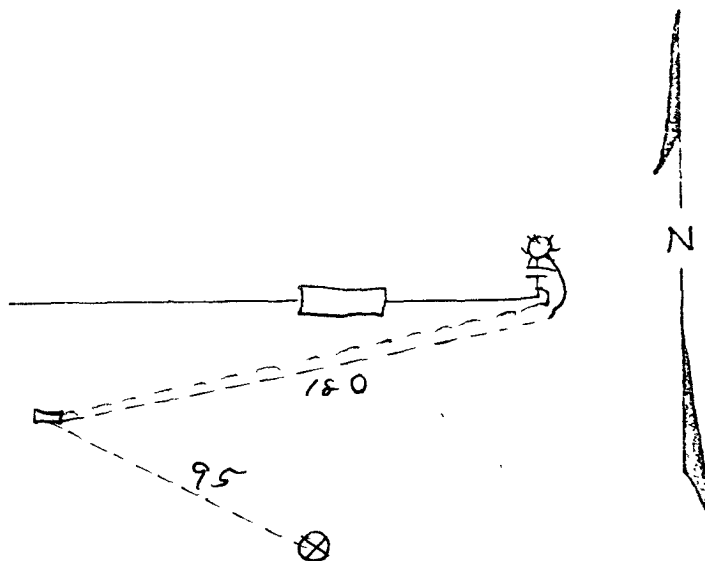
G.B. \$4074.00 ✓

Rectifier Size:	40V	16A	669.00 ✓
Add'l Depth:	+ 10'		70.00 ✓
Depth Credit:			
Extra Cable:	210'		50.40 ✓
Ditch & 1 Cable:	225'		192.50 ✓
25' Meter Pole:			
20' Meter Pole:	1		297.00 ✓
10' Stub Pole:			
Junction Box:	1		225.00 ✓
			5577.90 ✓
			278.90 ✓
			\$ 5856.80 ✓

Bθ

All Construction Completed

Signature: *JE Stath*
(Signature)



6733

1

D. CIASS DRILLING CO.

Drill No. 3

DRILLER'S WELL LOG

S. P. No. Eping Com C #4A Date 6-5-88
Client Meridian Oil Co. Prospect _____
County SAN JUAN State New Mex.

If hole is a redrill or if moved from original staked position show distance
and direction moved: _____

FROM	TO	FORMATION — COLOR — HARDNESS
<u>0</u>	<u>30</u>	<u>SANDstone</u>
<u>30</u>	<u>45</u>	<u>Shale</u>
<u>45</u>	<u>60</u>	<u>SANDstone</u>
<u>60</u>	<u>90</u>	<u>Shale</u>
<u>90</u>	<u>110</u>	<u>SANDy Shale</u>
<u>110</u>	<u>120</u>	<u>SANDstone</u>
<u>120</u>	<u>135</u>	<u>SAND</u>
<u>135</u>	<u>175</u>	<u>Shale</u>
<u>175</u>	<u>250</u>	<u>SANDstone</u>
<u>250</u>	<u>270</u>	<u>Shale</u>
<u>270</u>	<u>320</u>	<u>SANDstone</u>
<u>320</u>	<u>370</u>	<u>Shale</u>

Mud _____ Brm _____ Lime _____

Rock Bit Number _____ Make _____

Remarks: Water @ 120'

Driller Ronnie Brown

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D. CRASS DRILLING CO.Drill No. 3

DRILLER'S WELL LOG

S. P. No. Epg Com #4A Date 6-5-88
 Client Meridian Oil Co. Prospect _____
 County SAN JUAN State New Mex

If hole is a redrill or if moved from original staked position show distance
 and direction moved: _____

FROM	TO	FORMATION — COLOR — HARDNESS
370	410	SANDstone
410	470	SANDy shale
470	490	SANDstone
490	520	SANDy shale

Mud _____ Bran _____ Lime _____

Rock Bit Number _____ Make _____

Remarks: _____

Driller Rennie Brown

(505) 325-1946

Date _____

Company

Well No

Volts AppliedAmpères 14.0

5		230		455	1.3	680	
10		235		460	1.1	685	
15		240		465	.9	690	
20		245		470	1.0	695	1-445 - 22-30
25		250		475	1.1	700	2-438 - 26-36
30		255		480	1.1	705	3-430 - 26-36
35		260		485	1.1	710	4-360 - 23-35
40		265		490	1.0	715	5-352 - 27-40
45		270	.5	495	.9	720	6-344 - 26-39
50		275	.7	500	.9	725	7-336 - 23-30
55		280	.7	505		730	8-328 - 22-38
60		285	.8	510		735	9-320 - 23-31
65		290	.8	515		740	10-312 - 20-30
70		295	.9	520		745	
75		300	.8	525		750	
80		305	.6	530		755	
85		310	1.8	535		760	
90		315	2.0	540		765	
95		320	1.9	545		770	
100		325	1.9	550		775	
105		330	1.9	555		780	
110		335	2.2	560		785	
115		340	2.3	565		790	
120		345	2.3	570		795	
125		350	2.3	575		800	
130	water	355	2.1	580		805	
135		360	1.9	585		810	
140		365	1.6	590		815	
145		370	1.2	595		820	
150		375	.9	600		825	
155		380	.8	605		830	
160		385	.8	610		835	
165		390	.6	615		840	
170		395	.5	620		845	
175		400	.5	625		850	
180		405	.5	630		855	
185		410	.6	635		860	
190		415	.6	640		865	
195		420	1.4	645		870	
200		425	1.8	650		875	
205		430	2.0	655		880	
210		435	2.0	660		885	
215		440	2.1	665		890	
220		445	2.0	670		895	
225		450	1.5	675		900	