

#3 30-045-26815

#1 30-045-09301

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 K Sec. 24 Twp 30 Rng 11

Name of Well/Wells or Pipeline Serviced MURPHY COM #3, CEDAR HILL #1

cps 1936w

Elevation 6163' Completion Date 4/20/88 Total Depth 380' 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. 170'

RECEIVED

MAY 31 1991

Depths gas encountered: N/A

OIL CON. DIV.
DIST. 3

Type & amount of coke breeze used: N/A

Depths anodes placed: 325', 315', 305', 295', 285', 245', 235', 225', 215', 205'

Depths vent pipes placed: 375'

Vent pipe perforations: 300'

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 Here) ☐

Comp 4-21-88
93

Completion Date 4/20/88

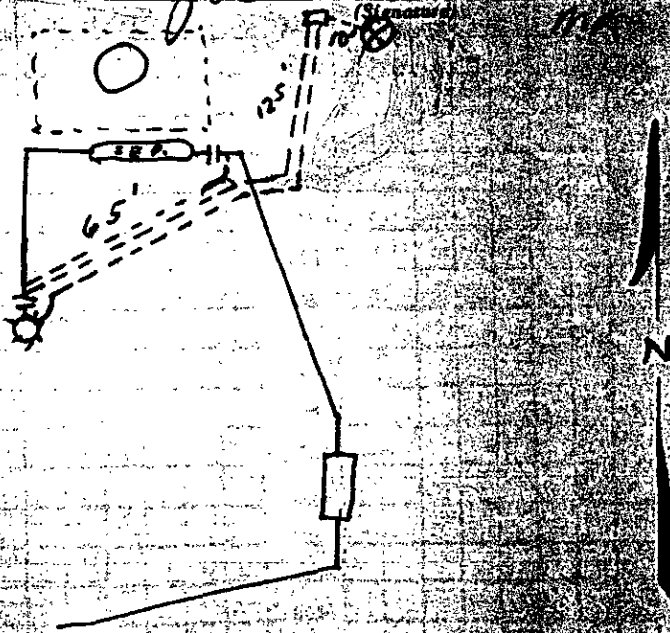
CPS #	Well Name, Line or Plant	Work Order #	Series	Ins. Union Casing
1936 W	2623A Murphy - Com #3 Cedar Hill #1	071037200	600' W = .89V	☒ Comp ☐ Ins
Location: K-24-30-11	Anode Size: 2" x 60"	Anode Type: DURION	Size Bit: 6 3/4"	
Depth Drilled 380'	Depth Logged 375'	Drilling Rig Time	Total Lbs. Gels Used	Loss Circulation Mat'l Used
Anode Depth #1 325' #2 315' #3 305' #4 295' #5 285' #6 245' #7 235' #8 225' #9 215' #10 205'	Anode Output (Amps) #1 4.8 #2 4.6 #3 4.6 #4 3.6 #5 3.5 #6 3.6 #7 3.8 #8 3.7 #9 3.6 #10 3.8	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 11.5V Amps 21.8A Ohms .53
No. 8 C.P. Cable Used		No. 2 C.P. Cable Used		

Remarks: HIT WATER AT 170', TOOK WATER SAMPLE. INSTALLED 375' of 1" P.V.C. VENT pipe, Perforated 300'.

G.B. 4074.00 ✓
Rectifier Size: 40V 16A 669.00 ✓
Addn'l Depth: -125' -437.50 ✓
Depth Credit: 295' 70.80 ✓
Extra Cable: 200' 140.00 ✓
Ditch & 1 Cable: 200' 140.00 ✓
25' Meter Pole: 225.00 ✓
20' Meter Pole: 297.00 ✓
10' Stub Pole: 225.00 ✓
Junction Box: 225.00 ✓
5038.30
251.92
5290.22 d J3

All Construction Completed

Joe E. Stath (Signature)



6163

Cathodic Protection Services Co.

1608 Se. Field Ln.

P.O. Box 28

Pennington NM 87409

(505) 327-9215

(505) 325-1946

Date

11/20/80

Company

Meridian O.L.

Well No.

Murphy Can #3

Location

15-24-30-11

Volts Applied

11.50

Amps

2.5

5					230	2.0				455					680				
10					235	2.0 + (7)				460					685				
15					240	2.1				465					690				
20					245	2.7 + (6)				470					695				
25					250	2.4				475					700				
30					255	2.0				480					705				
35					260	2.0				485					710				
40					265	1.8				490					715				
45					270	1.7				495					720				
50					275	1.8				500					725				
55					280	2.0				505					730				
60					285	2.1 + (5)				510					735				
65					290	2.0				515					740				
70					295	2.0 + (4)				520					745				
75					300	2.0				525					750				
80					305	2.1 + (3)				530					755				
85					310	2.0				535					760				
90					315	2.2 + (2)				540					765				
95					320	2.1				545					770				
100					325	2.2 + (1)				550					775	1-325-2.2	2.2	2.2	
105					330	2.0				555					780	2-325-2.0	2.0	2.0	
110					335	1.9				560					785	3-325-2.0	2.0	2.0	
115					340	1.6				565					790	4-295-2.3	2.3	2.6	
120					345	2.0				570					795	5-285-2.2	2.2	2.5	
125					350	2.1				575					800	6-245-2.4	2.4	2.6	
130					355	2.0				580					805	7-235-2.5	2.5	2.7	
135					360	1.4				585					810	8-225-2.7	2.7	2.7	
140					365	1.4				590					815	9-215-2.8	2.8	2.7	
145					370	1.2				595					820	10-205-2.8	2.8	2.7	
150					375					600					825				
155					380					605					830				
160					385					610					835				
165					390					615					840				
170	.8				395					620					845				
175	.9				400					625					850				
180	.9				405					630					855				
185	.8				410					635					860				
190	.8				415					640					865				
195	1.1				420					645					870				
200	1.1				425					650					875				
205	2.0 + (10)				430					655					880				
210	1.8				435					660					885				
215	2.1 + (9)				440					665					890				
220	2.2				445					670					895				
225	2.0 + (8)				450					675					900				

T.D.
- Drilled To

.8 WATER

.9

.9

.8

.8

1.1

1.1

2.0 + (10)

1.8

2.1 + (9)

2.2

2.0 + (8)

D. CRASS DRILLING CO.

Drill No. 3

1936

DRILLER'S WELL LOG

S. P. No. Murphy Com #3 MV Date 4-19-88
Client Meridian Oil Co. Prospect _____
County SAN JUAN State New Mexico

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

FROM	TO	FORMATION — COLOR — HARDNESS
0	50	SOFT SANDSTONE
50	60	SHALE
60	75	SOFT SANDSTONE
75	115	SHALE
115	135	SAND
135	160	SANDY SHALE
160	220	SAND
220	380	SANDY SHALE

Mud _____ Bran _____ Lime _____

Rock Bit Number _____ Make _____

Remarks: Water at 170 Ft.

Driller Ronnie Brown