

30-045-0949

3897

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 1 Sec. 26 Twp 30 Rng 11

Name of Well/Wells or Pipeline Serviced PAYNE #1

cps 1947w

Elevation 5928' Completion Date 5/16/88 Total Depth 400' Land Type\* N/A

Casing, Sizes, Types & Depths 20' OF 8" PVC CASING

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. 60'

Depths gas encountered: 350'

Type & amount of coke breeze used: N/A

Depths anodes placed: 365', 350', 305', 275', 265', 255', 225', 205', 195', 180'

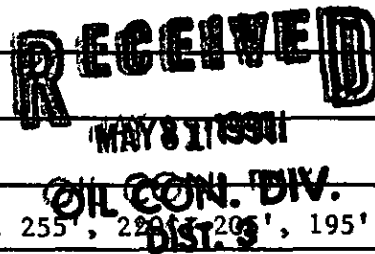
Depths vent pipes placed: 395'

Vent pipe perforations: 360'

Remarks: gb #1 HOLE MAKING GAS AND WATER OUT OF VENT PIPE. INSTALLED 1" VALVE ON VENT PIPE.

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.



# CATHODIC PROTECTION CONSTRUCTION REPORT

DAILY LOG

Drilling Log (Attach Here)

AFE  
G 031

COMP  
6-20-88

Completion Date 5/16/88

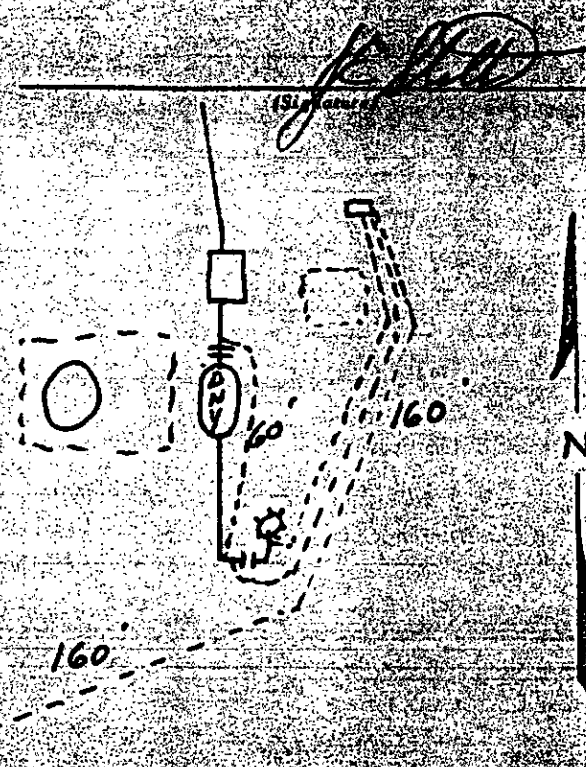
CP#	Well Name, Line or Phase	Work Order #	Station	Bar Offset (Feet)
1947W	PAYNE "1"	48583A	600' W = 95'	<input type="checkbox"/> Center <input type="checkbox"/> End
Location	Anode Size	Anode Type	Size Box	
L-26-30-11	2" X 60"	DURION	6' X 4'	
Depth Drilled	Depth Logged	Drilling Rig Type	Total Lbs. Cable Used	Low Conductivity (mV) Used
400'	395'			
Anode Depth				
#1 365'	#2 356'	#3 305'	#4 275'	#5 265'
#6 255'	#7 220'	#8 205'	#9 195'	#10 180'
Anode Output (Amps)				
#1 5.9	#2 6.6	#3 6.0	#4 5.6	#5 7.3
#6 7.2	#7 7.0	#8 6.9	#9 8.2	#10 7.2
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 11.79V	Amps 34.8A	Ohms .34		

Remarks: WATER AT 60', TOOK WATER SAMPLE. HIT GAS AGAIN AT 250'.  
 INSTALLED 395' of 1" P.V.C. VENT pipe, PERFORATED 360'.  
 HOLE WAS MAKING GAS & WATER OUT VENT pipe, WHEN  
 IT WAS COMPLETED. SET 20' of 8" P.V.C. CASEING, LEFT COKE  
 BREEZE DOWN 20', IN HOLE, & INSTALLED 1" VALVE ON VENT pipe

G.B. - \$4074.00

Rectifier Size: 40 V 16 A 669.00  
 Addn'l Depth \_\_\_\_\_  
 Depth Credit: -105 -367.50  
 Extra Cable: 360 86.40  
 Ditch & 1 Cable: 320 380 224.00 266.00  
 25' Meter Pole: -  
 20' Meter Pole: 1 297.00  
 10' Stub Pole: -  
 Junction Box: 1 225.00  
 20' of 8" P.V.C. CASEING 100.00  
 1 Hr. SETTING TIME 138.00  
 5487.90  
 TAX 274.40  
 \$5762.30

All Construction Completed



5928

**LAURENCE PRODUCTION Services Co.**

**1608 Schenck Ln**

**THE**

**THE**

100-443887-1

(505) 325-1468

## Сопровождение

meridiano

Well No. RAYNE 51

Location L-26-30-11

Volts Applied 11.79

5					230	2.4				455					680				
10					235	3.0				460					685				
15					240	2.8				465					690	1-365			
20					245	2.7				470					695	2-365			
25					250	2.6				475					700	3-365			
30					255	4.0 -	(6)			480					705	4-365			
35					260	4.6				485					710	5-365			
40					265	4.2 -	(5)			490					715	6-365			
45					270	3.5				495					720	7-365			
50					275	3.6 -	(4)			500					725	8-365			
55					280	3.2				505					730	9-365			
60	2.6			Water	285	2.9				510					735	10-365			
65	2.4				290	2.7				515					740				
70	2.2				295	2.7				520					745				
75	2.0				300	2.9				525					750				
80	1.9				305	4.1 -	(3)			530					755				
85	1.7				310	3.4				535					760				
90	1.4				315	3.1				540					765				
95	1.4				320	2.7				545					770				
100	1.4				325	2.4				550					775				
105	2.6				330	2.2				555					780				
110	2.1				335	2.5				560					785				
115	1.9				340	2.4				565					790				
120	1.8				345	2.2				570					795				
125	1.7				350	4.6 -	(2)			575					800				
130	2.0				355	3.9				580					805				
135	2.4				360	3.7				585					810				
140	2.9				365	3.7 -	(1)			590					815				
145	3.0				370	3.5				595					820				
150	3.1				375	3.4				600					825				
155	3.4				380	3.4				605					830				
160	3.5				385	2.8				610					835				
165	3.5				390	2.8				615					840				
170	3.4				395					620					845				
175	3.7				400					625					850				
180	3.8 -	(10)			405					630					855				
185	3.6				410					635					860				
190	3.8				415					640					865				
195	4.0 -	(9)			420					645					870				
200	4.1				425					650					875				
205	4.0 -	(8)			430					655					880				
210	2.5				435					660					885				
215	3.7				440					665					890				
220	4.0 -	(7)			445					670					895				
225	3.6				450					675					900				

D. CIASS

DRILLING CO.

1947

Drill No. 3

DRILLER'S WELL LOG

S. P. No. Payne No 1 Date 5-15-88

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	40	SOFT SANDSTONE
40	80	SHALE
80	150	SANDSTONE
150	250	SHALE
250	260	SANDSTONE
260	290	SHALE
290	310	SANDSTONE
310	340	SANDY SHALE
340	360	SANDSTONE
360	400	SHALE

Mud \_\_\_\_\_ Bran \_\_\_\_\_ Lime ✓

Rock Bit Number \_\_\_\_\_ Make \_\_\_\_\_

Remarks: Water @ 60'

Set 25' OF CASING 1 Hr.

Driller Ronnie Brown