

3189

E

30-045-24079

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 E Sec. 7 Twp 30 Rng 10

Name of Well/Wells or Pipeline Serviced SULLIVAN #1A

cps 1992w

Elevation 6171' Completion Date 9/7/88 Total Depth 300' 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' - 140' NO SAMPLE

Depths gas encountered: N/A

Type & amount of coke breeze used: N/A

Depths anodes placed: 280', 270', 260', 235', 225', 195', 185', 175', 165', 155'

Depths vent pipes placed: 300'

Vent pipe perforations: 280'

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)



CONV. 9-5-88

Completion Date 9-7-88

CPS #	Well Name / Log or Plant	Work Order #	Static	Ins. Union Check					
1992W	Sullivan 1A	406671A	600W = .785	☒ Good	☐ Bad				
Log	Anode Size	Anode Type	Size Bit						
E7-30-10	2" x 60"	Duriron	6-3/4						
Depth Drilled	Depth Logged	Drilling Rig Type	Total Lbs. Cable Used	Lost Circulation Mat. Used	No. Sacs Mud Used				
300'	300'								
Anode Depth									
# 1 280	# 2 270	# 3 260	# 4 235	# 5 225	# 6 195	# 7 185	# 8 175	# 9 165	# 10 155
Anode Output (Amperes)									
# 1 4.5	# 2 6.5	# 3 6.3	# 4 5.6	# 5 4.8	# 6 5.3	# 7 6.6	# 8 7.0	# 9 7.0	# 10 6.8
Anode Depth									
# 1	# 12	# 13	# 14	# 15	# 16	# 17	# 18	# 19	# 20
Anode Output (Amperes)									
# 1	# 12	# 13	# 14	# 15	# 16	# 17	# 18	# 19	# 20
Total Circuit Resistance			Volts 6 C.P. Cable Used			Volts 6 C.P. Cable Used			
Volts 12.05	Amperes 26.8	Ohms .44							

Remarks: Samples show water at 130' to 140'; no water sample. Installed 300' of 1" PVC vent pipe, bottom 200' perforated

Rectifier Size:	40	V	16	A	669.00
Add'l Depth					700.00 ✓
Depth Credit:	200'	@	3.30	-	48.00 ✓
Extra Cable:	200'	@	.54		266.00 ✓
Ditch & 1 Cable:	380'	@	.70		

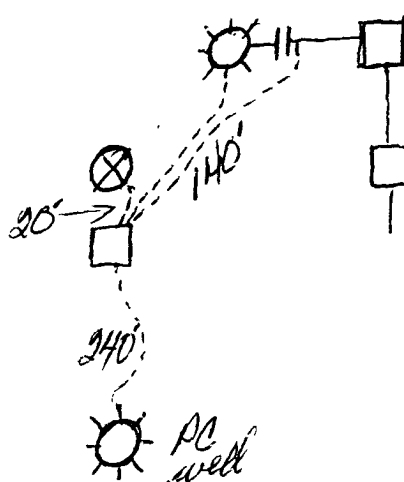
25' Meter Pole:	<u> </u>	
20' Meter Pole:	<u> </u>	
10' Stub Pole:	<u>1 @ 158.00</u>	158.00 ✓
Junction Box:	<u>1 @ 225.00</u>	225.00 ✓

$$\begin{array}{r}
 158.00 \\
 225.00 \\
 \hline
 477.00 \\
 \text{tax} \\
 337.00 \\
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 4947.00
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All Construction Completed

Calvin Rodman
Signature)

K A N X
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ven

D. CRASS DRILLING

CPS# 1992

Drill No. 3

DRILLER'S WELL LOG

S P No. SULLIVAN #1A Date 9-7-88

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
0	20	SAND
20	40	SHALE
40	60	SAND
60	100	SANDSTONE
100	140	SAND
140	180	SANDY SHALE
180	220	SHALE
220	230	SANDY SHALE
230	280	SHALE
280	300	SANDSTONE

Mud _____ Bran _____ Lime _____

Rock Bit Number _____ Make _____

Remarks: Water @ 130'

Driller RONNIE BROWN

WELL TYPE GROUND BED DATA

DATA SHEET NO. _____

CPS # 8992

COMPANY _____ JOB NO. _____ DATE: 9-7-89

WELL: SULLIVAN #1A PIPELINE: _____

LOCATION: SEC. 7 TWP. 30 RGE. 10 CO. SAN JOAQUIN STATE ILLINOIS

ELEV. _____ FT. ROTARY 390 FT. CABLE TOOL -0- FT. CASING -0- FT.

GROUND BED: DEPTH 300 FT. DIA. _____ IN. GAS _____ LBS. ANODES _____

DEPTH FT.	DRILLER'S LOG	EXPLORING ANODE TO STRUCTURE			NO COKE	WITH COKE	ANODE NO.	DEPTH TOP OF ANODES
		E	I	R				
	<u>FRESH WATER 130</u>							
50								
55								
60								
65								
70								
75								
80								
85								
90								
95								
100				0.9				
5				1.0				
10				1.1				
15				0.9				
20				0.9				
25				1.0				
30				1.1				
35				1.0				
40				1.7				
45				2.3				
50				2.6				
55				2.6	4.1	5.8	10	15.5
60				2.8				
65				2.9	4.9	7.0	9	16.5
70				2.8				
75				2.8	4.7	7.0	8	17.5
80				2.9				
85				2.8	4.5	6.6	7	18.5
90				2.8				
95				2.6	4.0	5.3	6	19.5
200				1.0				
5				1.8				
10				1.7				
15				1.4				
20				2.2				
25				2.5	3.7	4.8	5	22
30				2.5				
35				2.6	4.0	5.6	4	23
40				2.2				
45				1.8				
50				1.5				
55				1.6				

GROUND BED RESISTANCE: (1) VOLTS 26.8 - AMPS 12.05 - 44 OHMS

G1 VIBROGROUND _____ OHMS

GENERAL CATHODIC PROTECTION SERVICES CO.

A. LUXEY'S COMPANY

COMPANY _____

WELL: _____

JOB No. _____

DATE: _____

CPS 1992

LOCATION: SEC _____

TWP _____

RGE _____

CO. _____

STATE _____

PIPELINE: _____

ELEV. _____

FT: ROTARY _____

FT: CABLE TOOL _____

FT: CASING _____

GROUNDED: DEPTH _____

FT. DIA. _____

N. CAS _____

LBS. ANODES _____

DEPTH F.	DRILLER'S LOG	EXPLORING ANODE TO STRUCTURE			NO COKE	WITH COKE	ANODE NO.	DEPTH TOP OF ANODES
		E	I	R				
10								
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50								
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985								
990								
995								
1000								

GROUNDED RESISTANCE (1) VOLTS _____

- AMPS _____

OHMS _____

TO VERGROUNDED _____

OHMS _____

GENERAL CATHODIC PROTECTION SERVICES CO.