

20A 30-045-22752
29-9 unit #1 30-045-07718

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. 35 Twp 29 Rng 9

Name of Well/Wells or Pipeline Serviced SAN JUAN #20A, 29-9 UNIT #1

cps 1949w

Elevation 5656' Completion Date 5/18/88 Total Depth 215' Land Type* N/A

Casing, Sizes, Types & Depths 40' OF 8" 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. 30' & 60'

RECEIVED

MAY 31 1991

Depths gas encountered: N/215'

OIL CON. DIST. 3

Type & amount of coke breeze used: N/A

Depths anodes placed: 170', 160', 150', 140', 132', 125', 117', 80', 70', 60'

Depths vent pipes placed: 205'

Vent pipe perforations: 140'

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.

CATHODIC PROTECTION CONSTRUCTION REPORT DAILY LOG

Drilling Log (Attach Hereto) ☐

Completion Date 5/18/88

CPS #	Well Name, Line or Part:	Work Order #	Series:	Ins. Union Check:
1949 W	SAN JUAN # 20A	50221A	2053305A	500' M = .86V
Location:	Anode Size:	Anode Type:	Size Bit:	
D-35-29-9	2" x 60"	Durion	6 3/4"	
Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used
215'	205'			
Anode Depth				
# 1 170	# 2 160	# 3 150	# 4 140	# 5 132
# 6 125	# 7 117	# 8 80	# 9 70	# 10 60
Anode Output (Amps)				
# 1 6.1	# 2 5.6	# 3 4.1	# 4 6.0	# 5 7.2
# 6 7.2	# 7 7.1	# 8 5.0	# 9 6.3	# 10 2.0
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			No. 8 C.P. Cable Used	No. 2 C.P. Cable Used
Volts 11.9	Amps 30.0	Ohms .4		

Remarks: Driller said Water at 30' & 60', Had to drill hole with mud, due to surface conditions, could not get water sample. Hit hardpan at 200', when we drilled thru it at 215', we a gas pocket, and blew all of our mud out of the hole. Cleared hole next A.M. and logged, 205' of 1" P.V.C. Vent pipe, perforated 140'.

Rectifier Size: 40V 16A 669.00 ✓
 Addn'l Depth: 295 1032.50 ✓
 Depth Credit: 145' 34.80 ✓
 Extra Cable: 195' 136.50 ✓
 Ditch & 1 Cable: 195'

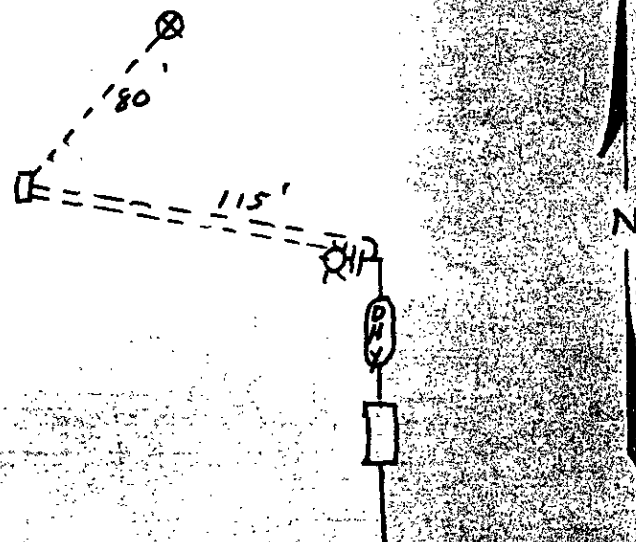
25' Meter Pole: 1
 20' Meter Pole: 1 297.00 ✓
 10' Stub Pole: 1
 Junction Box: 1 225.00 ✓

2 JOINTS 8" P.V.C. casing 200.00 ✓
 1 1/2 Hr. casing setting Time 207.00 ✓

4810.80 ✓
TAX 240.54 ✓
5051.34 ✓
 JK

All Construction Completed

(Signature)



Cathodic Protection Services Co.

1608 Schfield Ln.

P.O. Box 8

Farmington, NM 87499

(505) 327-9215

(505) 325-1946

Date

5/1/88

Company Invader airWell No. S-1 20A Location D-35-29-9Volts Applied 4.9Amps 20.5

5			230		455		680
10			235		460		685
15			240		465		690
20			245		470		695
25			250		475		700
30		WATER	255		480		705
35	2.3		260		485		710
40	2.4		265		490		715
45	1.8		270		495		720
50	2.8		275		500		725
55	2.3		280		505		730
60	3.5	WATER	285		510		735
65	2.7		290		515		740
70	2.9	(9)	295		520		745
75	3.3		300		525		750
80	3.0	(8)	305		530		755
85	2.3		310		535		760
90	1.5		315		540		765
95	1.5		320		545		770
100	1.6		325		550		775
105	1.6		330		555		780
110	1.8	(4)	335		560		785
115	3.1		340		565		790
120	3.4	(6)	345		570		795
125	3.5		350		575		800
130	3.5	(5)	355		580		805
135	3.4		360		585		810
140	3.4	(4)	365		590		815
145	2.5		370		595		820
150	2.4	(3)	375		600		825
155	2.0		380		605		830
160	2.8	(2)	385		610		835
165	3.0		390		615		840
170	3.0	(1)	395		620		845
175	2.6		400		625		850
180	2.8		405		630		855
185	2.7		410		635		860
190	3.1		415		640		865
195	3.7		420		645		870
200	20.5 TD		425		650		875
205			430		655		880
210			435		660		885
215	Dr. 4.40	(1)	440		665		890
220			445		670		895
225			450		675		900

D. CRASS DRILLING CO.

1949

Drill No. 3

DRILLER'S WELL LOG

S. P. No. SAN JUAN #20-A Date 5-17-88
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	60	SAND
60	100	Shale
100	110	SANDSTONE
110	200	Shale
200	210	SANDSTONE
210	215	SAND

Mud _____ Brn _____ Lime _____

Rock Bit Number _____ Make _____

Remarks: Water @ 80'

Set 40' casing 1 1/2 Hrs.

Driller Ronnie Brown