

1023

#2A 30-045-223+5
#200 30-045-26935

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

Operator MERIDIAN OIL Location: Unit SE Sec. 2 Twp 30 Rng 9

Name of Well/Wells or Pipeline Serviced TURNER B COM A #2A, #200

cps 1274w

Elevation 5941' Completion Date 6/7/78 Total Depth 325' Land Type *N/A

Casing, Sizes, Types & Depths 22' OF 8 5/8" 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. 105'

Depths gas encountered: N/A MAKING GAS

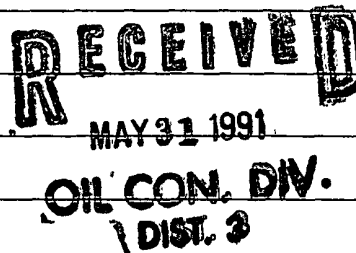
Type & amount of coke breeze used: N/A

Depths anodes placed: 290', 280', 270', 260', 245', 235', 190', 180', 170', 160'

Depths vent pipes placed: 300'

Vent pipe perforations: 200'

Remarks: gb #1, gb #2



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.

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. 3 Twp 30 Rng 9

Name of Well/Wells or Pipeline Serviced RIDDLE #2A, #200

cps 2092w

Elevation 6124' Completion Date 2/8/89 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. 90'

Depths gas encountered: N/A

Type & amount of coke breeze used: N/A

Depths anodes placed: 285', 275', 265', 255', 245', 175', 165', 145', 135', 125'

Depths vent pipes placed: 305'

Vent pipe perforations: 260'

Remarks: gb #2 THIS WAS 3rd HOLE DRILLED. LOST 140' OF PVC CASING IN HOLE #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) ☐ #20

Completion Date 6-7-78

Well Name <u>TURNOR B COM A #2-A</u>		Location <u>SE2-30-9</u>		CPS No. <u>1274W</u>	
Type & Size Bit Used <u>6 3/4"</u>				Work Order No. <u>57179-21</u>	
Anode Hole Depth <u>325</u>	Total Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
#1 <u>290</u>	#2 <u>280</u>	#3 <u>270</u>	#4 <u>260</u>	#5 <u>245</u>	#6 <u>235</u>
#7 <u>190</u>	#8 <u>180</u>	#9 <u>170</u>	#10 <u>160</u>		
Anode Output (Amps)					
#1 <u>3.6</u>	#2 <u>5.2</u>	#3 <u>5.3</u>	#4 <u>3.6</u>	#5 <u>3.0</u>	#6 <u>3.4</u>
#7 <u>2.5</u>	#8 <u>2.6</u>	#9 <u>2.7</u>	#10 <u>3.1</u>		
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	
Volts <u>12.2</u>	Amps <u>16.5</u>	Ohms <u>0.74</u>			No. 2 C.P. Cable Used

Remarks: STATIC 600' NW = 0.85. DRILLER SAID STARTED MAKING WATER @ 105'
80 GALS PER MIN. PERFORATED 200' OF 1" PVC VENT PIPE. INSTALLED 300' OF 1" PVC VENT P;
TOP 19' OF HOLE VERY LOOSE. INSTALLED 22' OF 8 5/8" PVC CASING. END BED MAKING CAS

NOV 16A RECTIFIER

DITCH #1 CABLE = 247'

STUB POLE

EXTRA CABLE = 104'

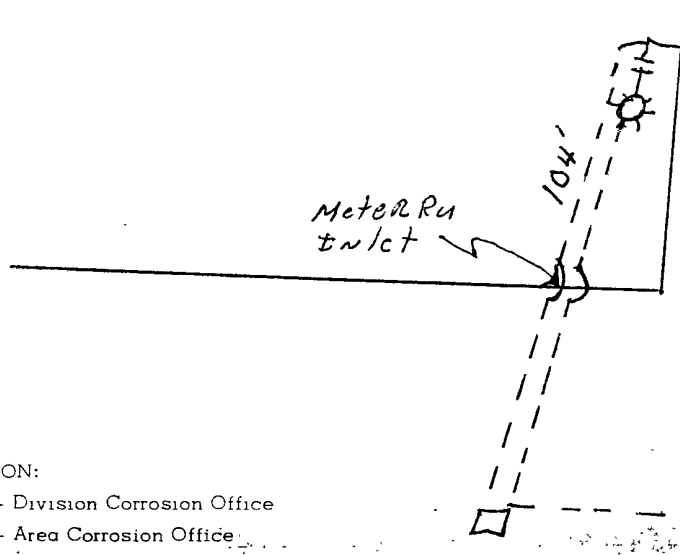
HOLE DEPTH = -175'

All Construction Completed

W L Lott

(Signature)

GROUND BED LAYOUT SKETCH



DISTRIBUTION:

- WHITE - Division Corrosion Office
- YELLOW - Area Corrosion Office
- PINK - Originator File

DAILY DRILLING REPORT

1274W
LEASE 1274W WELL NO. 1274W CONTRACTOR O'Briant RIG NO. 1 REPORT NO. 21 DATE June 7 1978

MORNING					DAYLIGHT					EVENING				
Driller Total Men In Crew					Driller Total Men In Crew					Driller Total Men In Crew				
FROM	TO	FORMATION	WT-BIT	R.P.M.	FROM	TO	FORMATION	WT-BIT	R.P.M.	FROM	TO	FORMATION	WT-BIT	R.P.M.

BIT #		NO. DC	SIZE	LENG.	BIT NO.		NO. DC	SIZE	LENG.	BIT NO.		NO. DC	SIZE	LENG.
SERIAL NO.		NO. DC	SIZE	LENG.	SERIAL NO.		NO. DC	SIZE	LENG.	SERIAL NO.		NO. DC	SIZE	LENG.
SIZE		STANDS			SIZE		STANDS			SIZE		STANDS		
TYPE		SINGLES			TYPE		SINGLES			TYPE		SINGLES		
MAKE		DOWN ON KELLY			MAKE		DOWN ON KELLY			MAKE		DOWN ON KELLY		
		TOTAL DEPTH					TOTAL DEPTH					TOTAL DEPTH		

MUD RECORD			MUD, ADDITIVES USED AND RECEIVED			MUD RECORD			MUD, ADDITIVES USED AND RECEIVED			MUD RECORD			MUD, ADDITIVES USED AND RECEIVED		
Time	Wt.	Vis.				Time	Wt.	Vis.				Time	Wt.	Vis.			

FROM	TO	TIME BREAKDOWN	FROM	TO	TIME BREAKDOWN	FROM	TO	TIME BREAKDOWN
0	15	Sand	150	180	Sandstone	273	275	Sandstone
15	19	Boulders	180	195	Shale	275	300	Shale
19	75	Sandy Shale	195	225	Sandstone	300	310	Sandstone
-	105	Sand "Water" 80 gpm	225	240	Shale	310	330	Shale
105	135	Sandstone	240	250	Sandy Shale			
135	150	Shale	250	273	Shale			

REMARKS -	REMARKS -	REMARKS -
		Drilled 6 3/4 to 330
		Logged to 325
		Water estimate 80 gpm.
		Case 22 ft of Surface
		Hole has gas

SIGNED: Toolpusher

Lem O'Briant

Company Supervisor

El Paso Natural Gas Company
ENGINEERING CALCULATION

Sheet: _____ of _____
Date: _____
By: _____
File: _____

TURNER B COM A #2-A SE 2-30-9 1274W 57129-21

Static 600' NW = 0.85

HOV 16A Rectifier

Stub Pole

Ditch Cable = 247

Extra Cable = 104

Hole Depth = -175

DRILLER SAID MAKING WATER @ 105' 90 GALS PER MIN

PERFORATED 200' OF 1" PVC VENT PIPE

Installed 300' OF 1" PVC VENT PIPE

Installed 220' OF 8" PVC CASING

15' OF LOOSE SAND 4' OF ~~ROCK~~ Boulders

Crd bud MAKING GAS

MW	gals/mol
16.04	C1 6.4
30.07	C2 10.12
44.10	C3 10.42
58.12	iC4 12.38
58.12	nC4 11.93
72.15	iC5 13.85
72.15	nC5 13.71
86.18	iC6 15.50
86.18	C6 15.57
100.21	iC7 17.2
100.21	C7 17.46
114.23	C8 19.39
28.05	C2 9.64
42.08	C3 9.67

MW	MISC.	gals/mol
32.00	O2	3.37
28.01	CO	4.19
44.01	CO2	6.38
64.06	SO2	5.50
34.08	H2S	5.17
28.01	N2	4.16
2.02	H2	3.38

1 00	40 1.8	
	1.5 (3)	
10 .8	50 1.4	
.7	1.3	
20 .8	60 2.1 (4)	
.8	3.1	
30 .9	70 3.4 (3)	
1.6	3.3	
40 1.5	80 3.3 (2)	
1.3	3.2	
50 1.3	90 2.6 (1)	
1.5	1.6	
60 1.4 (1)	3.00 1.2	
1.5	1.0	
70 1.6 (9)	10 1.1	
1.6	2.7	
80 1.3 (8)	20 3.1	
1.4	2.9 TD	
90 1.4 (7)	30 DRILLED	
1.2		
2 00 1.0	(1) 290 2.6	3.6
1.0	(2) 280 3.2	5.2
10 1.0	(3) 270 3.5	5.3
1.0	(4) 260 2.4	3.6
20 1.0	(5) 245 1.7	3.0
1.1	(6) 235 2.1	3.4
30 1.2	(7) 190 1.5	2.5
2.2 (6)	(8) 180 1.5	2.6
	(9) 170 1.6	2.7
	(10) 160 1.9	3.1

Volts = 12.2
Amps = 16.5
ohms = 0.74