

1076

12-30-039-60085

144-30-039-20467

E

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

Operator MERIDIAN OIL Location: Unit SW Sec. 35 Twp 27 Rng 5

Name of Well/Wells or Pipeline Serviced SAN JUAN 27-5 UNIT #12, #144

cps 1799w

Elevation 6603' Completion Date 10/29/85 Total Depth 365' 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. 120' & 210'

Depths gas encountered: N/A

Type & amount of coke breeze used: N/A

Depths anodes placed: 340', 330', 320', 255', 245', 235', 225', 215', 205', 195'

Depths vent pipes placed: N/A

Vent pipe perforations: 265'

Remarks: (gb #1)

RECEIVED

MAY 31 1991

OIL CON. DIST.

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) ☐Completion Date 10-29-85

CPS #	Well Name, Line or Plant	Work Order #	Static	Ins. Union Check																																																												
1799W	SS. 27-5 #12	52707.	.73	☒ Good ☐ Bad																																																												
	SS. 27-5 #144	54980.	.68																																																													
Location: 5W35-27-5 Anode Size: 2" x 60" Anode Type: Duriron Size Bit: 6 3/4"																																																																
Depth Drilled 365	Depth Logged 365	Drilling Rig Time	Total Lbs. Gels Used	Lost Circulation Mat'l Used																																																												
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">Anode Depth</td> <td colspan="2">Anode Output (Amps)</td> <td colspan="2">Anode Depth</td> <td colspan="2">Anode Output (Amps)</td> <td colspan="2">Total Circuit Resistance</td> </tr> <tr> <td># 1 340</td><td># 2 330</td><td># 3 320</td><td># 4 255</td><td># 5 245</td><td># 6 235</td><td># 7 225</td><td># 8 215</td><td># 9 205</td><td># 10 195</td> </tr> <tr> <td># 1 4.7</td><td># 2 3.1</td><td># 3 4.0</td><td># 4 3.0</td><td># 5 3.0</td><td># 6 3.5</td><td># 7 3.4</td><td># 8 4.8</td><td># 9 4.8</td><td># 10 4.8</td> </tr> <tr> <td># 11</td><td># 12</td><td># 13</td><td># 14</td><td># 15</td><td># 16</td><td># 17</td><td># 18</td><td># 19</td><td># 20</td> </tr> <tr> <td># 11</td><td># 12</td><td># 13</td><td># 14</td><td># 15</td><td># 16</td><td># 17</td><td># 18</td><td># 19</td><td># 20</td> </tr> <tr> <td colspan="2">Volts 12.2</td><td colspan="2">Amps 16.4</td><td colspan="2">Ohms 1.74</td> <td colspan="2">No. 8 C.P. Cable Used</td> <td colspan="2">No. 2 C.P. Cable Used</td> </tr> </table>					Anode Depth		Anode Output (Amps)		Anode Depth		Anode Output (Amps)		Total Circuit Resistance		# 1 340	# 2 330	# 3 320	# 4 255	# 5 245	# 6 235	# 7 225	# 8 215	# 9 205	# 10 195	# 1 4.7	# 2 3.1	# 3 4.0	# 4 3.0	# 5 3.0	# 6 3.5	# 7 3.4	# 8 4.8	# 9 4.8	# 10 4.8	# 11	# 12	# 13	# 14	# 15	# 16	# 17	# 18	# 19	# 20	# 11	# 12	# 13	# 14	# 15	# 16	# 17	# 18	# 19	# 20	Volts 12.2		Amps 16.4		Ohms 1.74		No. 8 C.P. Cable Used		No. 2 C.P. Cable Used	
Anode Depth		Anode Output (Amps)		Anode Depth		Anode Output (Amps)		Total Circuit Resistance																																																								
# 1 340	# 2 330	# 3 320	# 4 255	# 5 245	# 6 235	# 7 225	# 8 215	# 9 205	# 10 195																																																							
# 1 4.7	# 2 3.1	# 3 4.0	# 4 3.0	# 5 3.0	# 6 3.5	# 7 3.4	# 8 4.8	# 9 4.8	# 10 4.8																																																							
# 11	# 12	# 13	# 14	# 15	# 16	# 17	# 18	# 19	# 20																																																							
# 11	# 12	# 13	# 14	# 15	# 16	# 17	# 18	# 19	# 20																																																							
Volts 12.2		Amps 16.4		Ohms 1.74		No. 8 C.P. Cable Used		No. 2 C.P. Cable Used																																																								

Remarks: Driller said water was at 120' and 210'. Drilled with air and foam mixture. Vent pipe is perforated up to 100'

Rectifier Size: 60 V 30 A - 1150
 Addn'l Depth: _____
 Depth Credit: 135 x 3.00 = 405.00
 Extra Cable: 275 x .37 = 101.75
 Ditch & 1 Cable: 385 x 1.35 = 519.75
 25' Meter Pole: one - 550.00
 20' Meter Pole: _____
 10' Stub Pole: _____

All Construction Completed

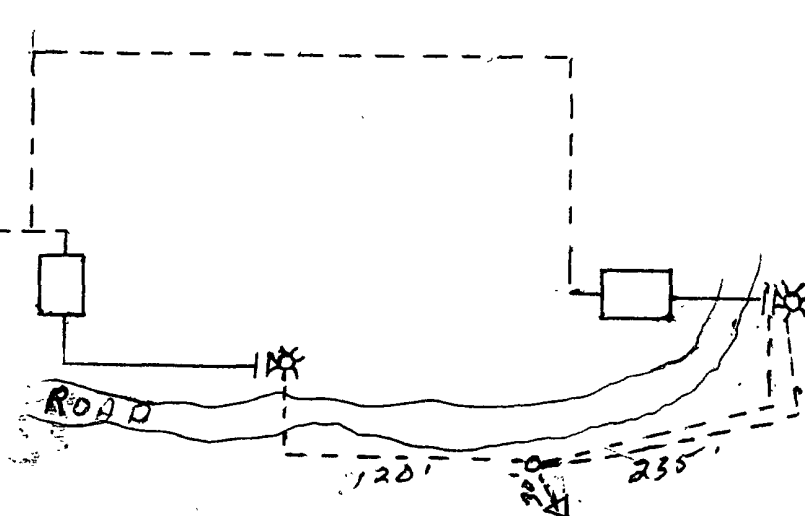
Randy Smith
(Signature)

GROUND BED LAYOUT SKETCH

4740.00
 - 405.00
 101.75
 519.75
 1150.00
 550.00
 300.00
 \$6956.50

10-29-85

Reg 07
 8 3



6603

EL PASO NATURAL GAS COMPANY
CONSTRUCTION LOGGING READINGS

CPS #: 1799W WELL NAME: 55 27-5 #12 #144 LOCATION: SW-35-27-5 DATE: 10-29-85

TOTAL VOLTS: 12.2 TOTAL AMPS: 16.4 OHMS RESISTANCE: .74

												ANODE READINGS			
LOG ANODE DEEP	ANODE NO.	LOG ANODE DEEP	ANODE NO.	LOG ANODE DEEP	ANODE NO.	LOG ANODE DEEP	ANODE NO.	LOG ANODE DEEP	ANODE NO.	LOG ANODE DEEP	ANODE NO.	NO.	DEPTH	NO COKE	WITH COKE
5		185	.8		365	TD 365	545					1	340	2.6	4.7
10		190	.8		370		550					2	330	2.2	3.1
15		195	3.2	10	375		555					3	320	2.8	4.0
20		200	3.3		380		560					4	255	2.4	3.7
25		205	2.5	9	385		565					5	245	2.4	1.6
30		210	2.2		390		570					6	235	2.4	3.5
35		215	1.9	8	395		575					7	225	2.2	3.4
40		220	2.2		400		580					8	215	2.2	4.8
45		225	2.3	7	405		585					9	205	2.4	4.8
50		230	2.7		410		590					10	195	3.0	4.8
55		235	2.6	6	415		595					11	166	1.9	3.0
60		240	1.7		420		600					12	158	2.0	3.0
65		245	2.7	5	425		605								
70		250	3.1		430		610								
75		255	2.4	4	435		615								
80		260	1.7		440		620								
85		265	1.2		445		625								
90		270	.7		450		630								
95		275	.7		455		635								
100		280	.6		460		640								
105		285	.6		465		645								
110		290	1.0		470		650								
115		295	1.1		475		655								
120	1.2	300	1.0		480		660								
125	1.1	305	1.0		485		665								
130	1.1	310	1.1		490		670								
135	.9	315	1.9		495		675								
140	.9	320	2.8	3	500		680								
145	1.0	325	2.5		505		685								
150	1.4	330	2.1	2	510		690								
155	1.0	335	2.2		515		695								
160	1.8	340	2.7	1	520		700								
165	2.0	345	2.4		525		705								
170	1.4	350	2.4		530		710								
175	1.0	355	2.6		535		715								
180	.9	360	2.5		540		720								

REMARKS: Driller said water at 120' and at 210'. Vent pipe is perforated up to 100'

240-144
20
120

15.6
2.5
2.5

EL PASO NATURAL GAS COMPANY
DRILLING DEPARTMENT

DAILY DRILLING REPORT

San Juan 22-5

LEASE SE 07493-A WELL NO. 144 CONTRACTOR Leffler Co. RIG NO. MD 1 REPORT NO. 17 DATE 10-24-1985

MORNING

DAYLIGHT

EVENING

Driller <u>J. O. Brum</u> Total Men In Crew <u>5</u>					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.
<u>0</u>	<u>100</u>	<u>Shale</u>			<u>260</u>	<u>360</u>	<u>Shale</u>							
<u>100</u>	<u>150</u>	<u>Sand (2 1/2 in)</u>												
<u>150</u>	<u>220</u>	<u>Sandy Shale</u>												
<u>220</u>	<u>260</u>	<u>Sand</u>												

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

REMARKS - <u>2 1/2" Water at 140 ft 2 1/2"</u>	REMARKS -	REMARKS -

SIGNED: Toolpusher

Company Supervisor