

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 5Name 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/ACasing, Sizes, Types & Depths N/AIf 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/AType & amount of coke breeze used: N/ADepths anodes placed: 340', 330', 320', 255', 245', 235', 225', 215', 205', 195'Depths vent pipes placed: N/AVent pipe perforations: 265'Remarks: gb #1**RECEIVE**

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 SJ. 27-5 #144	52707. 54980.	.73 .68	☒ Good ☐ Bad
Location:	Anode Size:	Anode Type:	Size Bit:	
Sw 35-27-5	2" x 60"	Dericon	6 3/4"	
Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs. Goke Used	Lost Circulation Mat'l Used
365	365			
Anode Depth				
# 1 340	# 2 330	# 3 320	# 4 255	# 5 245
# 6 235	# 7 225	# 8 215	# 9 205	# 10 195
Anode Output (Amps)				
# 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
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 12.2	Amps 16.4	Ohms 1.74		

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 1.37 = 101.75
 Ditch & 1 Cable: 385 x 1.35 = 519.75
 25' Meter Pole: one - 550.00
 20' Meter Pole: _____
 10' Stub Pole: _____

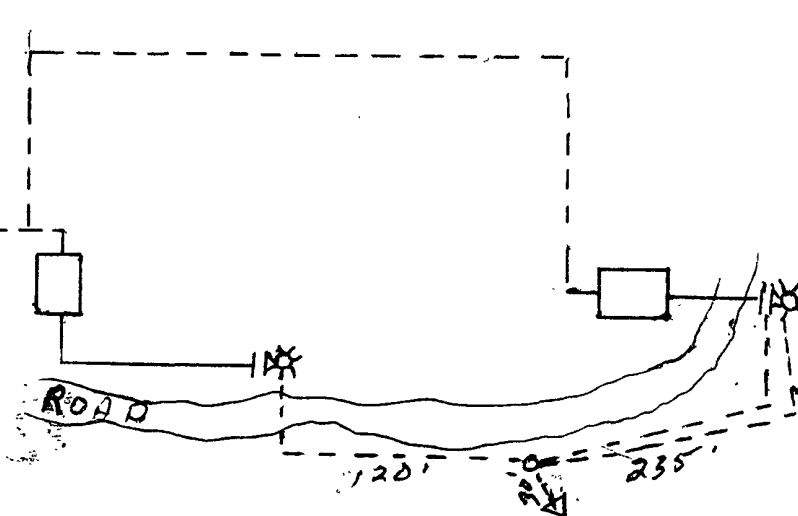
All Construction Completed

Randy Smith
(Signature)

GROUND BED LAYOUT SKETCH

4740.00
 - 405.00
 101.75
 519.75
 1150.00
 550.00
 300.00
 \$6956.50

Aug 07
 10-29-85
 8 3



6603

EL PASO NATURAL GAS COMPANY
CONSTRUCTION LOGGING READINGS

CPS #: 1799W WELL NAME: SJ 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			
DEEP	LOG ANODE	ANODE NO.	DEEP	LOG ANODE	ANODE NO.	DEEP	LOG ANODE	ANODE NO.	DEEP	LOG ANODE	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	5.7
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	186	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	5	335	2.2		515		695							
160	1.8		340	2.7	1	520		700							
165	2.0	to 4	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
30
120

15.5
2.5
2.5

EL PASO NATURAL GAS COMPANY
DRILLING DEPARTMENT

DAILY DRILLING REPORT

LEASE SE 074493-A WELL NO. 144 CONTRACTOR Leftis 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 (W. Water)</u>												
<u>150</u>	<u>220</u>	<u>Sandy Shale</u>												
<u>220</u>	<u>260</u>	<u>Sand</u>												

NO. DC _____ SIZE _____ LENG. _____	NO. DC _____ SIZE _____ LENG. _____	NO. DC _____ SIZE _____ LENG. _____	NO. DC _____ SIZE _____ LENG. _____	NO. DC _____ SIZE _____ LENG. _____
BIT NO. _____	BIT NO. _____	BIT NO. _____	BIT NO. _____	BIT NO. _____
SERIAL NO. _____	SERIAL NO. _____	SERIAL NO. _____	SERIAL NO. _____	SERIAL NO. _____
SIZE _____	SIZE _____	SIZE _____	SIZE _____	SIZE _____
TYPE _____	TYPE _____	TYPE _____	TYPE _____	TYPE _____
MAKE _____	MAKE _____	MAKE _____	MAKE _____	MAKE _____

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.	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 + 240'</u>	REMARKS -	REMARKS -

SIGNED: Toolpusher _____

Company Supervisor _____