

1079

56-30-039-06805

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170-30-039-20662

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 SW Sec. 34 Twp 27 Rng 5Name of Well/Wells or Pipeline Serviced SAN JUAN 27-5 UNIT #56, #170cps 1796wElevation 6529' Completion Date 10/25/85 Total Depth 340' Land Type* N/ACasing, Sizes, Types & Depths N/AIf Casing is cemented, show amounts & types used N/AIf Cement or Bentonite Plugs have been placed, show depths & amounts used
N/ADepths & thickness of water zones with description of water when possible:
Fresh, Clear, Salty, Sulphur, Etc. 100'Depths gas encountered: N/AType & amount of coke breeze used: N/ADepths anodes placed: 320', 295', 285', 275', 265', 255', 245', 235', 225', 160'Depths vent pipes placed: N/AVent pipe perforations: 260'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). ☐Completion Date 10-25-85

CPS #		Well Name, Line or Plant: <u>SS542 53911</u>		Work Order #		Static: <u>.66 .64</u>		Ins. Union Check	
<u>1796 W</u>		<u>SS27-5 #1703 #56</u>						☒ Good ☐ Bad	
Location <u>S034-27-5</u>		Anode Size <u>2" X 60'</u>		Anode Type <u>Duriron</u>		Size Bit: <u>6 3/4"</u>			
Depth Drilled <u>340</u>		Depth Logged <u>340</u>		Drilling Rig Time		Total Lbs. Coke Used		Lost Circulation Mat'l Used	
Anode Depth		Anode Output (Amps)		Anode Depth		Anode Output (Amps)			
# 1 <u>320</u>	# 2 <u>295</u>	# 3 <u>285</u>	# 4 <u>275</u>	# 5 <u>265</u>	# 6 <u>255</u>	# 7 <u>245</u>	# 8 <u>235</u>	# 9 <u>225</u>	# 10 <u>160</u>
# 1 <u>4.1</u>	# 2 <u>3.9</u>	# 3 <u>4.5</u>	# 4 <u>4.1</u>	# 5 <u>5.0</u>	# 6 <u>4.2</u>	# 7 <u>4.4</u>	# 8 <u>3.8</u>	# 9 <u>4.9</u>	# 10 <u>5.1</u>
# 11	# 12	# 13	# 14	# 15	# 16	# 17	# 18	# 19	# 20
# 11	# 12	# 13	# 14	# 15	# 16	# 17	# 18	# 19	# 20
Total Circuit Resistance		Volts <u>12</u>		Amps <u>18.9</u>		Ohms <u>.63</u>		No. 8 C.P. Cable Used	
								No. 2 C.P. Cable Used	

Remarks: Driller said he hit water at 100'. Drilled with air and light foam mixture. Vent pipe perforated up to 80'.

Rectifier Size: 40 V 16 A \$900.00
 Addn'l Depth: _____
 Depth Credit: 160' x 3.00 = 480.00
 Extra Cable: 164' x .37 = 60.68
 Ditch & 1 Cable: 457' x 1.35 = 616.95
 25' Meter Pole: _____
 20' Meter Pole: _____
 10' Stub Pole: one \$400.00

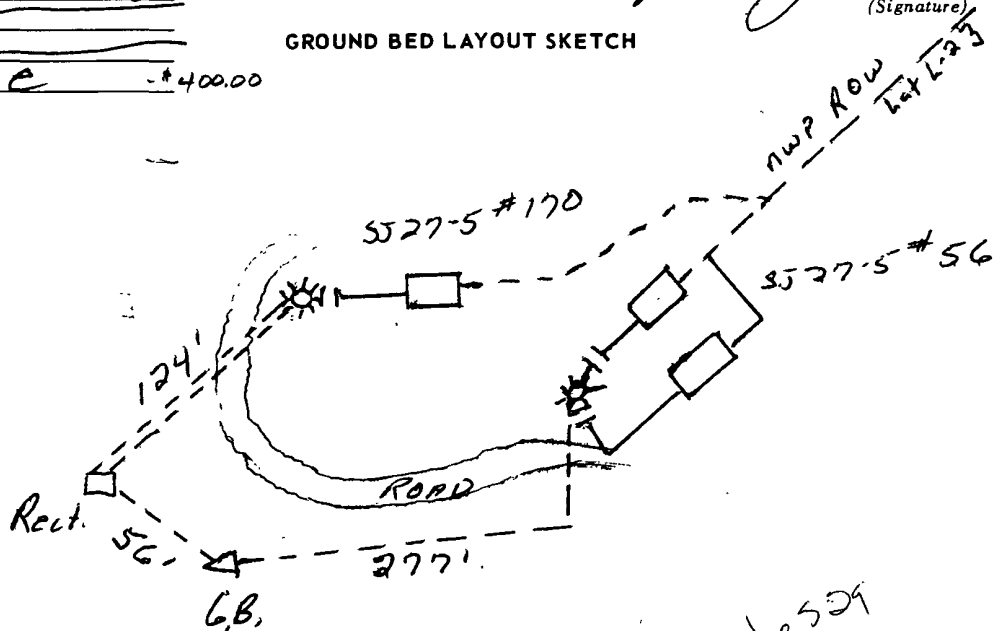
All Construction Completed

Randy Smith
(Signature)

GROUND BED LAYOUT SKETCH

4740.00
 - 480.00
 60.68
 616.95
 900.00
 400.00
 300.00

 \$6537.63



EL PASO NATURAL GAS COMPANY
 CC PRODUCTION LOGGING READINGS

CPS #: 1296 W WELL NAME: SJ 27-5 #1703 #54 LOCATION: SW34-27-5 DATE:

TOTAL VOLTS: 12 TOTAL AMPS: 18.9 OHMS RESISTANCE: .63

												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	.6		365			545			1	320	2.4	4.1
10			190	.6		370			550			2	295	2.6	3.9
15			195	.6		375			555			3	285	2.9	4.5
20			200	.8		380			560			4	275	2.7	4.1
25			205	1.6		385			565			5	265	3.3	5.0
30			210	1.2		390			570			6	255	2.6	4.2
35			215	1.8	1.8	395			575			7	245	2.8	4.4
40			220	2.8		400			580			8	235	2.4	3.8
45			225	3.0	9.	405			585			9	225	3.4	4.9
50			230	2.1		410			590			10	160	3.2	5.1
55			235	2.1	8.	415			595						
60			240	2.3	'	420			600						
65			245	2.4	7.	425			605						
70			250	2.3	1	430			610						
75			255	2.4	6.	435			615						
80			260	2.5	1	440			620						
85			265	3.0	5.	445			625						
90			270	2.4	'	450			630						
95			275	2.3	4.	455			635						
100	1.0		280	2.1	1	460			640						
105	3.1		285	2.6	3.	465			645						
110	3.2		290	3.1	1	470			650						
115	3.4		295	2.4	2.	475			655						
120	3.3		300	1.9	'	480			660						
125	3.3		305	1.8		485			665						
130	2.8		310	1.9	'	490			670						
135	2.3		315	2.1		495			675						
140	2.3		320	2.4	11.	500			680						
145	1.9		325	2.4		505			685						
150	2.4		330	2.6		510			690						
155	2.6		335	2.9		515			695						
160	3.1	10	340	TD	340	520			700						
165	2.4		345			525			705						
170	1.6		350			530			710						
175	1.2		355			535			715						
180	1.0		360			540			720						

REMARKS: Driller said he hit water at 100'

DAILY DRILLING REPORT

LEASE SF 079394

WELL NO. 170

CONTRACTOR

RIG NO. 2721

REPORT NO. 15

DATE: 10-25

19

MORNING

DAYLIGHT

EVENING

Driller *W. O. Bryant*

Total Men In Crew 50

Driller

Total Men In Crew

Driller

Total Menthin 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.
	0	20	Shale														
	20	100	Sand														
	100	200	shale														
	200	340	Sands/shale														

	NO. DC _____ SIZE _____ LENG. _____		NO. DC _____ SIZE _____ LENG. _____		NO. DC _____ SIZE _____ LENG. _____
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.			

[illegible][illegible]

SIGNED: Toolpusher

Company Supervisor