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24-30-039-06832

189-30-039-20868

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 NE Sec. 32 Twp 27 Rng 5

Name of Well/Wells or Pipeline Serviced SAN JUAN 27-5 UNIT #24, #189

cps 1790w

Elevation 6533' Completion Date 10/21/85 Total Depth 340' 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. 40' & 140'

Depths gas encountered: N/A

Type & amount of coke breeze used: 4200 lbs.

Depths anodes placed: 310', 300', 290', 265', 255', 245', 235', 180', 170', 60'

Depths vent pipes placed: N/A

Vent 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 10-21-85

CPS #	Well Name, Line or Plant	Work Order #	Static	Ins Union Check
1790 W	5527-5 #24 5527-5 #189	40473 55986	.66 .64	☒ Good ☐ Bad
Location	Anode Size	Anode Type	Size Bit	
NE32-27-5	2" x 60"	Duriron	6 3/4"	
Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used
340	340		4200	
Anode Depth				
# 1 310	# 2 300	# 3 290	# 4 265	# 5 255
# 6 245	# 7 235	# 8 180	# 9 170	# 10 160
Anode Output (Amps)				
# 1 4.3	# 2 4.1	# 3 3.4	# 4 3.8	# 5 3.8
# 6 2.8	# 7 3.3	# 8 2.9	# 9 4.4	# 10 3.5
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 12.4	Amps 15.5	Ohms 18		

Remarks: Driller said water is at 40' and 140'. Vent pipe is perforated up to 80'. Drilled hole with air.

Rectifier Size: 60 V 30 A - 1150.

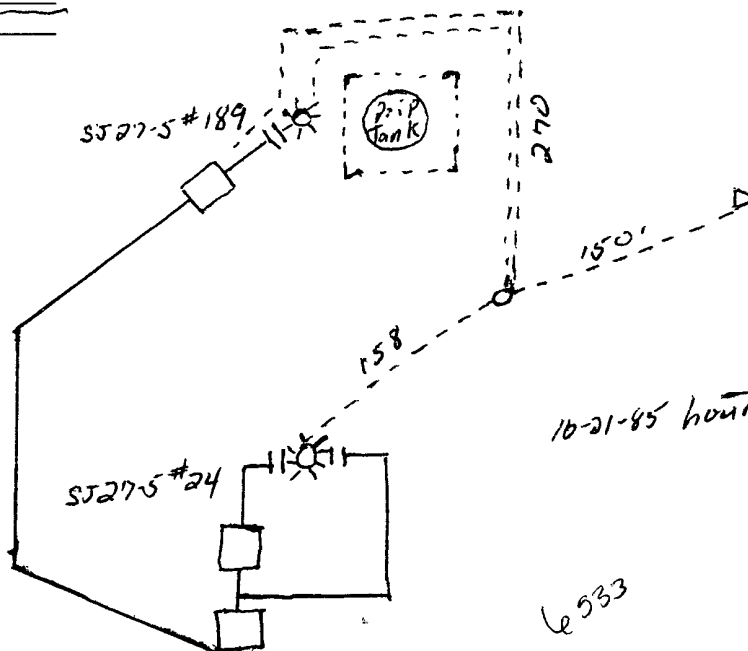
Addn'l Depth

Depth Credit: 160 x 3.00 = 480Extra Cable: 310 x .37 = 114.70Ditch & 1 Cable: 528 x 1.35 = 718.3025' Meter Pole: ONE - 55020' Meter Pole: 10' Stub Pole:

All Construction Completed

Randy Smith
(Signature)

GROUND BED LAYOUT SKETCH



10-21-85 hours

Reg	8	1
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6533

4740.
- 480.00
114.70
780.30
1150.00
550.00
300.00
7155.00

EL PASO NATURAL GAS COMPANY
CONSTRUCTION LOGGING READINGS

CPS #: 1790W WELL NAME: SJ27-5 #24 #189 LOCATION: NE32-27S DATE: 10-21-85

TOTAL VOLTS: 12.4 TOTAL AMPS: 15.5 OHMS RESISTANCE: .8

												ANODE READINGS			
DEEP	LOG	ANODE	DEEP	LOG	ANODE	DEEP	LOG	ANODE	DEEP	LOG	ANODE	NO.	DEPTH	NO	WITH
	ANODE	NO.		ANODE	NO.		ANODE	No.		ANODE	No.			COKE	COKE
5			185	1.1		365			545			1	310	2.3	4.3
10			190	1.1		370			550			2	300	2.0	4.1
15			195	1.0		375			555			3	290	1.7	3.4
20			200	1.0		380			560			4	265	1.6	3.8
25			205	.7		385			565			5	255	1.8	3.8
30			210	1.0		390			570			6	245	1.9	2.8
35			215	1.0		395			575			7	235	1.7	3.3
40			220	1.0		400			580			8	180	1.8	2.9
45			225	.9		405			585			9	170	1.7	4.4
50			230	1.2		410			590			10	160	2.0	3.5
55			235	1.7	0.7	415			595						
60			240	2.0	1.1	420			600						
65			245	1.9	0.6	425			605						
70			250	2.3	1.1	430			610						
75			255	1.9	0.5	435			615						
80			260	1.8	1.1	440			620						
85			265	1.5	0.4	445			625						
90			270	1.3	1.1	450			630						
95			275	1.4		455			635						
100			280	1.3	1.1	460			640						
105			285	1.4		465			645						
110			290	1.8	0.3	470			650						
115			295	2.0		475			655						
120			300	2.0	0.2	480			660						
125			305	2.5		485			665						
130			310	2.4	0.1	490			670						
135			315	1.9		495			675						
140	1.1		320	.7		500			680						
145	1.0		325	.4		505			685						
150	1.7		330	1.4		510			690						
155	2.1		335	2.1		515			695						
160	2.1	0.10	340	TD	340	520			700						
165	2.0		345			525			705						
170	1.8	0.9	350			530			710						
175	1.7		355			535			715						
180	1.8	0.8	360			540			720						

REMARKS: /

DAILY DRILLING REPORT

LEASE						WELL NO.						CONTRACTOR						RIG NO.						REPORT NO.						DATE																							
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.																									
0		40		Sand																																																	
40		80		Sandy Shale																																																	
80		160		Sandstone																																																	
140		340		Sandy Shale																																																	
B. J.						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						TYPE						DOWN ON KELLY						MAKE						TOTAL DEPTH																							
TIME						WT.						VIS.						TIME						WT.						VIS.						TIME						WT.						VIS.					
FROM						TO						TIME BREAKDOWN						FROM						TO						TIME BREAKDOWN						FROM						TO						TIME BREAKDOWN					
REMARKS -						First Water at 90 & 140						REMARKS -						REMARKS -						REMARKS -						REMARKS -						REMARKS -																	

SIGNED: Toolpusher

____ Company Supervisor