

#31E 30-039-23601

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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 INC. Location: Unit NE Sec. 32 Twp 29 Rng 7

Name of Well/Wells or Pipeline Serviced SAN JUAN 29-7 UNIT #31E

cps 1803w

Elevation 6563' Completion Date 9/30/85 Total Depth 220' 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. N/A

Depths gas encountered: N/A

Type & amount of coke breeze used: N/A

Depths anodes placed: 210', 190', 175', 160'

Depths vent pipes placed: N/A

Vent pipe perforations: N/A

Remarks: 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.

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOGDrilling Log (Attach Hereto). ☐Completion Date 9/30/85

CPS #	Well Name, Line or Plant	Work Order # <u>59243</u>	Static: <u>.85</u>	Ins Union Check
<u>1803W</u>	<u>29-7 31E</u>			☐ Good ☐ Bad
Location: <u>NE32-29-7</u>	Anode Size: <u>2" x 60"</u>	Anode Type: <u>DURIRON</u>	Size Bit: <u>6 3/4"</u>	
Depth Drilled <u>400</u>	Depth Logged <u>400</u>	Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used
No. Sacks Mud Used				
Anode Depth				
# 1 <u>375</u>	# 2 <u>360</u>	# 3 <u>335</u>	# 4 <u>320</u>	# 5 <u>305</u>
# 6 <u>285</u>	# 7 <u>210</u>	# 8 <u>190</u>	# 9 <u>175</u>	# 10 <u>160</u>
Anode Output (Amps)				
# 1 <u>3.1</u>	# 2 <u>3.2</u>	# 3 <u>2.4</u>	# 4 <u>3.4</u>	# 5 <u>2.8</u>
# 6 <u>2.1</u>	# 7 <u>3.6</u>	# 8 <u>3.0</u>	# 9 <u>3.3</u>	# 10 <u>2.5</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				
Volts <u>12.7</u>	Amps <u>15.4</u>	Ohms <u>0.82</u>	No. 8 C.P. Cable Used	No. 2 C.P. Cable Used

Remarks: Water sand at 50' Drilled to 55' 9-29 set over
night 10' water in hole next AM. Did not catch
sample. Started injecting at 60'. Hole cased in at
140'. Drilled hole #2 & installed anodes 7,8,9 & 10

Rectifier Size: 40 V 16 A

Addn'l Depth

Depth Credit: -100' x 3.00 = 300.00Extra Cable: 270' x .37 = 99.90Ditch & 1 Cable: 340' x 1.35 = 459.0025' Meter Pole: X -300.0020' Meter Pole: 1 -200

10' Stub Pole:

All Construction Completed

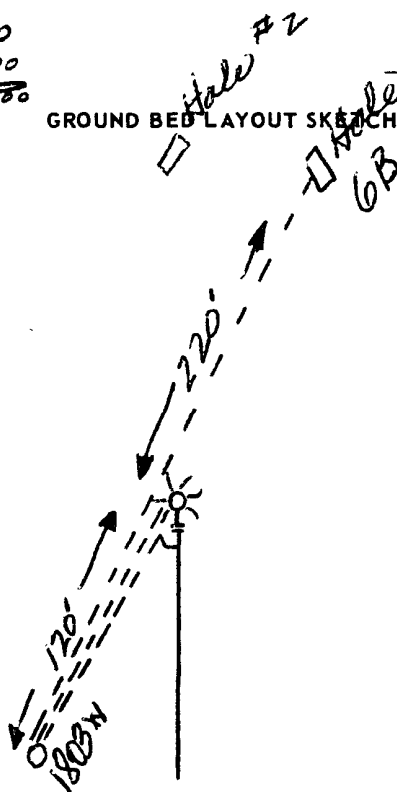
BT
 (Signature)

GROUND BED LAYOUT SKETCH

4740.00
 - 300.00
 99.90
 459.00
 500.00
 900.00
 300.00
6698.90

↑
 Eye Bolt

6563



EL PASO NATURAL GAS COMPANY
DRILLING DEPARTMENT

DAILY DRILLING REPORT

LEASE NM-10037-69 WELL NO. 31-E CONTRACTOR Loftis L.O. RIG NO. MD-1 REPORT NO. 5 DATE 9-30 1985

MORNING					DAYLIGHT					EVENING				
Driller <u>Jeff O Briant</u>		Total Men In Crew <u>6</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>10</u>	<u>sand</u>			<u>185</u>	<u>280</u>	<u>shale</u>			<u>345</u>	<u>385</u>	<u>shale</u>		
<u>10</u>	<u>30</u>	<u>sandstone</u>			<u>260</u>	<u>265</u>	<u>sandstone</u>			<u>385</u>	<u>395</u>	<u>sandstone</u>		
<u>30</u>	<u>185</u>	<u>sandy shale</u>			<u>265</u>	<u>340</u>	<u>shale</u>							
					<u>340</u>	<u>345</u>	<u>sandstone</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 -				REMARKS -				REMARKS -			

SIGNED: Toolpusher

Company Supervisor

EL PASO NATURAL GAS COMPANY
CORRUPTION LOGGING READINGS

CPS #: 1803W WELL NAME: 29-7 #3/E LOCATION: 32-29-7 DATE: 9/30/85

TOTAL VOLTS: 12.7 TOTAL AMPS: 15.4 OHMS RESISTANCE: 82

												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	2.2		365	1.6		545			1	375	1.6	3.1
10			190	1.9	8	370	1.7		550			2	360	1.8	3.2
15			195	2.2		375	1.8	1	555			3	335	1.3	2.4
20			200	2.9		380	1.1		560			4	320	1.9	3.4
25			205	2.2		385	1.9		565			5	305	1.4	2.8
30			210	2.4	7	390	1		570			6	285	1.3	2.1
35			215	2.2		395	1.6		575			7	210	2.2	3.6
40			220	2.0		400			580			8	190	1.9	3.0
45			225	1.1		405			585			9	175	2.2	3.3
50			230	1.9		410			590			10	160	1.8	2.5
55			235	2.1		415			595						
60			240	2.0		420			600						
65			245	1.4		425			605						
70			250	1.0		430			610						
75			255	1.0		435			615						
80			260	1.9		440			620						
85			265	1.8		445			625						
90			270	1.0		450			630						
95			275	1.0		455			635						
100			280	1.1		460			640						
105			285	1.0	6	465			645						
110			290	1.0		470			650						
115			295	1.4		475			655						
120			300	1.4		480			660						
125			305	1.3	5	485			665						
130			310	1.0		490			670						
135			315	1.4		495			675						
140			320	1.8	4	500			680						
145			325	1.4		505			685						
150	1.4		330	1.4		510			690						
155	1.6		335	1.3	3	515			695						
160	1.6	10	340	1.0		520			700						
165	2.0		345	1.7		525			705						
170	2.0		350	1.1		530			710						
175	2.3	9	355	1.8		535			715						
180	2.4		360	1.8	2	540			720						

Hole cased in at 140'
Drilled hole #2 to 220'
Installed anodes 7, 8, 9, 10

REMARKS: