

3- 30-045-08548

E

772

292-30-045-27180

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

Operator MERIDIAN OIL Location: Unit NE Sec. 12 Twp 29 Rng 10

Name of Well/Wells or Pipeline Serviced HOUCK #3, LACKEY A #292

cps 1029w

Elevation 5790' Completion Date 11/3/76 Total Depth 240' 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. 70'

Depths gas encountered: N/A

Type & amount of coke breeze used: 36 SACKS

Depths anodes placed: 220', 210', 200', 180', 160'

Depths vent pipes placed: N/A

Vent pipe perforations: 145'

Remarks: gb #2

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

logged

Drilling Log (Attach Hereto). ☐

Completion Date 11-3-76

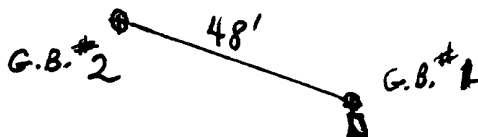
Well Name Houck #3 Lackey #292		Location NE 12-29-10		CPS No. 1029 W	
Type & Size Bit Used 6 3/4				Work Order No. 20650	
Anode Hole Depth Log 240	Total Drilling Rig Time	Total Lbs. Coke Used 36 SACKS	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
# 1 220	# 2 210	# 3 200	# 4 180	# 5 160	# 6
Anode Output (Amps)					
# 1 4.0	# 2 4.3	# 3 4.0	# 4 3.2	# 5 2.8	# 6
Anode Depth					
# 11	# 12	# 13	# 14	# 15	# 16
Anode Output (Amps)					
# 11	# 12	# 13	# 14	# 15	# 16
Total Circuit Resistance					
Volts 11.6	Amps 11.6	Ohms 1.0	No. 8 C.P. Cable Used		No. 2 C.P. Cable Used

Remarks: **DRILLER SAID WATER @ ~~240~~ 70'**
Vent Perf 145'
36 ~~00~~ SACKS SLURRY

All Construction Completed

C. W. Hines
(Signature)

GROUND BED LAYOUT SKETCH



\$2,648.00
- 330.00 Depth Credit
20.30 Surf. Cable

2,338.30
93.53

2,431.83
216.00 COKE
213.40 Insp.
50.00 Misc.

\$2,911.23 TOTAL

5790'

DAILY DRILLING REPORT

LEASE						WELL NO. 1029 CONTRACTOR						RIG NO.						REPORT NO.						DATE						19					
MORNING												DAYLIGHT												EVENING 11-3-78											
Driller _____ Total Men In Crew _____												Driller P. Osley 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.							
BIT NO. _____				NO. DC ____ SIZE ____ LENG. ____				SERIAL NO. _____				NO. DC ____ SIZE ____ LENG. ____				TYPE _____				DOWN ON KELLY _____				MAKE _____				TOTAL DEPTH _____							
SIZE _____				SINGLES _____				TYPE _____				DOWN ON KELLY _____				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.																															
FROM		TO		TIME BREAKDOWN																															
0-4				Surface																															
4-12				Clay																															
12-30				Sand Dry																															
30-45				Shale																															
45-70				Sand wet water																															
70-75				Shale																															
REMARKS -						REMARKS -						REMARKS -																							
75-95 Sand wet																																			
95-105 Shale																																			
105-140 Sand wet																																			
140-175 Sandy Shale																																			
175-240 Shale																																			

SIGNED: Toolpusher

Company Supervisor

El Paso Natural Gas Company
ENGINEERING CALCULATION

Sheet _____ of _____

Date _____

By _____

File: 11-3-76

HOWCK #3

NE 12-29-10

1029 W

20650

MW		gals/mol
16.04	C ₁	6.4
30.07	C ₂	10.12
44.10	C ₃	10.42
58.12	iC ₄	12.38
58.12	nC ₄	11.93
72.15	iC ₅	13.85
72.15	nC ₅	13.71
86.18	iC ₆	15.50
86.18	C ₆	15.57
100.21	iC ₇	17.2
100.21	C ₇	17.46
114.23	C ₈	19.39
28.05	C ₂	9.64
42.08	C ₃	9.67

MW	MISC	gals/mol
32.00	O ₂	3.37
28.01	CO	4.19
44.01	CO ₂	6.38
64.06	SO ₂	5.50
34.08	H ₂ S	5.17
28.01	N ₂	4.16
2.02	H ₂	3.38

75
 80 .8
 90 .8
 100 .8
 100 .1
 10 .6
 20 .6
 30 .7
 40 .8
 50 .8
 60 .8
 70 .8
 80 .8
 90 .8
 100 .1
 10 .9
 20 1.0
 30 1.0
 40 1.0
 50 1.0
 60 1.0
 70 1.0
 80 1.0
 90 1.0
 100 1.1
 10 1.1
 20 1.4
 30 2.0
 40 2.0
 50 2.0
 60 2.0
 70 2.0
 80 2.0
 90 2.0
 100 2.0
 10 2.0
 20 2.2
 30 2.2
 40 2.0
 50 1.8
 60 1.8

Vent Per 1.45
 36 Cc Ke

1. 220 4.0
 2. 210 4.3
 3. 200 4.0
 4. 180 3.2
 5. 160 2.8

$$235 + 5 = 240'$$

$$11.6A = 1.0$$

$$11.6V$$