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2A- 30-045-23380

4- 30-045-08927

779

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

Operator MERIDIAN OIL Location: Unit SE Sec. 35 Twp 30 Rng 10

Name of Well/Wells or Pipeline Serviced KELLY #4, #2A

cps 1030w

Elevation 6147' Completion Date 11/4/76 Total Depth 257' 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. 105'

Depths gas encountered: N/A

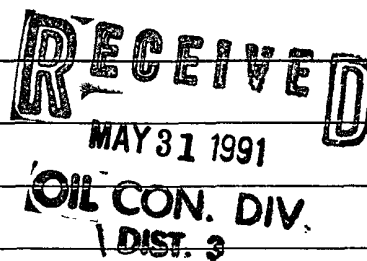
Type & amount of coke breeze used: 33 SACKS

Depths anodes placed: 220', 210', 200', 190', 170'

Depths vent pipes placed: N/A

Vent pipe perforations: 195'

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 LOG

Logged

Drilling Log (Attach Hereto). ☐

Completion Date **11-1-76**

Well Name Kelly #4 #2A		Location SE 35-30-10		CPS No. 1030W	
Type & Size Bit Used 6 3/4				Work Order No. 20743	
Anode Hole Depth Log 257		Total Drilling Rig Time		Total Lbs. Coke Used 33	
				Lost Circulation Mat'l Used	
				No. Sacks Mud Used	
Anode Depth					
# 1 220	# 2 210	# 3 200	# 4 190	# 5 170	# 6
Anode Output (Amps)					
# 1 3.6	# 2 5.0	# 3 3.8	# 4 5.0	# 5 4.8	# 6
Anode Depth					
# 11	# 12	# 13	# 14	# 15	# 16
Anode Output (Amps)					
# 11	# 12	# 13	# 14	# 15	# 16
Total Circuit Resistance				No. 8 C.P. Cable Used	
Volts 11.5		Amps 13.5		Ohms 0.86	
				No. 2 C.P. Cable Used	

Remarks: **Drill to 220' - Driller said water standing at 105 Next A.M. - Vent Perforated 195' Slurry 33 Coke**

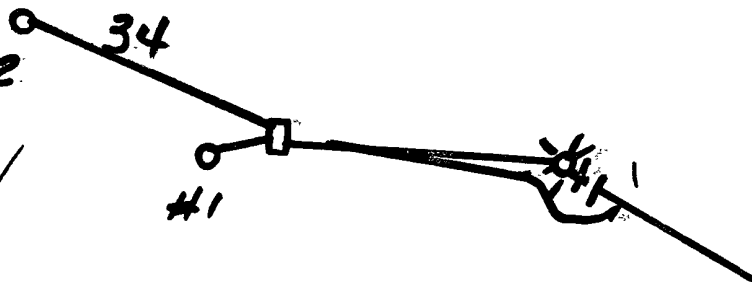
\$ 2,648.00
- 279.00 Depth Credit
15.40 Surf. Cable

2,384.40
95.37 TAX

2,479.77
198.00 Coke
213.40 Insp. #2
50.00 Misc.

\$ 2,941.17 TOTAL

GROUND BED LAYOUT SKETCH



All Construction Completed
Donele
(Signature)

61471

DAILY DRILLING REPORT

LEASE 1030 W WELL NO. 1030 W CONTRACTOR Tom O'Brian RIG NO. REPORT NO. DATE Nov 4 1976

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.

BIT NO.		NO. DC	SIZE	LENG.	BIT NO.		NO. DC	SIZE	LENG.	BIT NO.		NO. DC	SIZE	LENG.
SER. NO.		STANDS			SER. NO.		STANDS			SER. 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		
0	7	Sd			227	235	Sd							
7	9	Sh			235	250	Sh							
9	62	Sd	wet	water	250	260	Sd							
6	82	Sh												
8	175	Sd	silty	water blew										
175	227	Sh	at 140'											

REMARKS -					REMARKS -					REMARKS -				
					water standing @ 105 overnight									
					260 T.D.									
					logged at 257									

SIGNED: Toolpusher

Company Supervisor

1030w

Water at 105 Next A.M

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 ⁺	9.84
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

[illegible]