

#3 30-045-09334

#7 30-045-20848

#222 30-045-27104

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. 23 Twp 30 Rng 10

Name of Well/Wells or Pipeline Serviced RIDDLE B #3, #7, #222

cps 2080w

Elevation 6204' Completion Date 12/4/68 Total Depth 500' 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

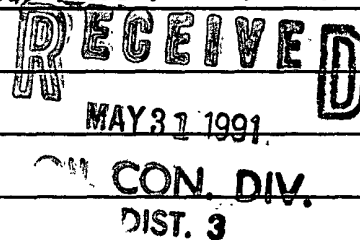
Type & amount of coke breeze used: 88 SACKS

Depths anodes placed: 423', 417', 411', 405', 399', 393', 387', 357', 351', 345', 313', 30'

Depths vent pipes placed: 417'

Vent pipe perforations: N/A

Remarks: gb #1



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.

CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

Date 12-4-68

Insert #55 (500')

Well Name <u>Riddle # 38 B# 7 B# 222</u>			CPS No. <u>844 W 2080</u>		
Location <u>SW 23-30-10</u>			Work Order No. <u>184-52075-50-20</u>		
Anode Hole Depth <u>500'</u>	Total Drilling Rig Time <u>34 hrs</u>	Type & Size Bit Used <u>7 7/8" Scr #631113 (500')</u>	No. Sacks Mud Used <u>5</u>		
No. Sacks Lost Circulation Mat'l Used <u>1</u>	Anode Depth				
	#1 <u>423'</u>	#2 <u>417'</u>	#3 <u>411'</u>	#4 <u>405'</u>	#5 <u>399'</u>
Total Lbs. Coke Used <u>88 SACKS</u>	Anode Output (Volts) AMPS				
	#1 <u>3.6</u>	#2 <u>4.1</u>	#3 <u>4.5</u>	#4 <u>5.0</u>	#5 <u>4.5</u>
Total Circuit Resistance Volts <u>11.5</u>	Amps <u>16.2</u>	Ohms <u>.71</u>	No. Ft. Surface Cable Conduit <u>4,748' ON ANODES, 420' SURFACE CABLE = 5,168</u>		
Drilling Log (Attach Hereto). ☐ #7 = 387' #8 = 357' #9 = 351' #10 = 3.45' #11 = 313' #12 = 307'					
#7 = 3.9 #8 = 3.8 #9 = 4.3 #10 = 4.3 #11 = 3.0 #12 = 2.8					

Remarks: 5 1/2 600' South L.O. 1
3/4" Vent Pipe on #2 Anode
50# BAROSOS

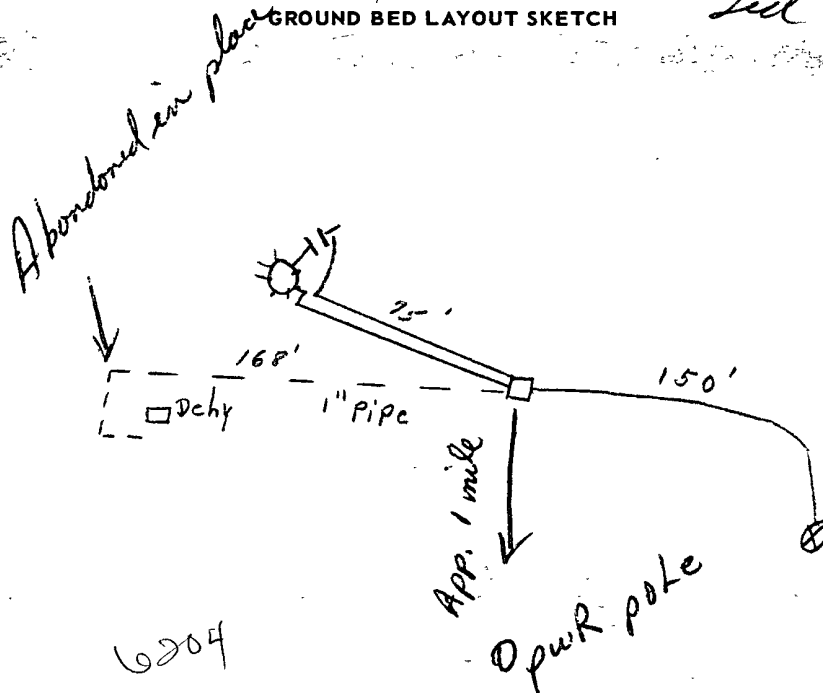
Recheck Insulating Union
Removed both 3M thermo generators and hung a Goodall
28/16 wire, 16266361. Buried approx. 1 mile of cable to power pole

All Construction Completed

Wilbur J. Lott

(Signature)
2nd 0115

GROUND BED LAYOUT SKETCH



2080

DAILY DRILLING REPORT

LEASE		WELL NO. 814W		CONTRACTOR Marchmont		RIG NO. 146		REPORT NO.		DATE		19					
MORNING						DAYLIGHT						EVENING					
Driller		Total Men In Crew		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	70	sand			235	280	shale			400	500	shale					
70	140	ss			280	340	ss + shale 3TKs										
140	215	shale + ss 5TKs			340	380	shale										
215	235	ss			380	400	ss + shale 4TKs										
BIT NO.		NO. DC		SIZE	LENG.	BIT NO.		NO. DC		SIZE	LENG.	BIT NO.		NO. DC		SIZE	LENG.
SERIAL NO. 631113		STANDS		SINGLES		SERIAL NO.		STANDS		SINGLES		SERIAL NO.		STANDS		SINGLES	
SIZE 7 3/4" (500 ft.)		DOWN ON KELLY		TOTAL DEPTH		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		MUD RECORD		MUD, ADDITIVES USED AND RECEIVED			
Time	Wt.	Vis.	Time	Wt.	Vis.	Time	Wt.	Vis.	Time	Wt.	Vis.	Time	Wt.	Vis.			
Surface sand to 70 ft. Hole casing white drilling with air. Changed to mud sandstone from 70 ft. to 140 ft. water standing at approx. 140 ft. each morning.																	
FROM	TO	TIME BREAKDOWN	FROM	TO	TIME BREAKDOWN	FROM	TO	TIME BREAKDOWN	FROM	TO	TIME BREAKDOWN	FROM	TO	TIME BREAKDOWN			
500	165	200 gal	11-30-68		5 hrs.												
100	165	Hull 13	12-1-68		5 hrs.												
50	165	Barofos	12-2-68		10 hrs.												
			12-3-68		9 hrs.												
			12-4-68		5 hrs.												
			34 hrs.														
REMARKS -			REMARKS -			REMARKS -			REMARKS -			REMARKS -					
11-30-68 - Left old loc. 12 AM. moved rig up + drilled hole 60 ft. 4 3/4" hole surface casing. Left rig 5 PM.			12-01-68 - Left rig 6 AM. Arrived rig 7 AM. Went in hole to drill with air. Hole continued to cave, so changed to mud. Lost air from 9 AM - 11 AM. Drilling mud. Broke down at 11 AM. 215 ft. of 4 3/4" hole. Left rig 12 AM.			12-2-68 - Left rig 6 AM. Arrived rig 7 AM. Went in hole with 4 3/4" bit + drilled from 215 ft. to 500 ft. Came out +reamed down to 500 ft. Left rig 5 PM.			12-3-68 - Left rig 6 AM. Arrived rig 7 AM. Went in hole with 7 3/4" bit +reamed from 500 ft. to 500 ft. Left rig 4 PM.			12-4-68 - Left rig 6 AM. Arrived rig 7 AM. Went in hole + thinned down. Came out + logged hole. Left loc. 12 AM.					

SIGNED: Toolpusher

Company Supervisor

[Signature]