

4496

30-045-09848

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

Operator MERIDIAN OIL Location: Unit SW Sec. 3 Twp 30 Rng 9

Name of Well/Wells or Pipeline Serviced RIDDLE #2

cps 40w

Elevation 6047' Completion Date 9/30/75 Total Depth 124' Land Type* N/A

Casing, Sizes, Types & Depths 14' PLASTIC CASING ON CAVED HOLE

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. 25' ON CAVED HOLE

Depths gas encountered: N/A

Type & amount of coke breeze used: 2300 lbs.

Depths anodes placed: 95', 85', 75', 65', 55', 45'

Depths vent pipes placed: N/A

Vent pipe perforations: 124'

Remarks: qb #2 DRILLED FIRST HOLE TO 60'-CAVED.

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 9-30-75

Well Name Riddle #2		Location SW 3-30-9		CPS No. 40 W	
Type & Size Bit Used 6 3/4				Work Order No. 52153	
Anode Hole Depth 124	Total Drilling Rig Time	Total Lbs. Coke Used 2300	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
# 1 95	# 2 85	# 3 75	# 4 65	# 5 55	# 6 45
# 7	# 8	# 9	# 10		
Anode Output (Amps)					
# 1 4.3	# 2 4.7	# 3 4.4	# 4 4.1	# 5 4.6	# 6 4.6
# 7	# 8	# 9	# 10		
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 11.0	Amps 13.0	Ohms 0.84		687'	

Remarks: **Set 14' of Plastic Casing - water at 25' - Start injection - Drilled to 60' - Caving - Thin Sand Formation - Moved Rig & Start with Mud - Shale at 30' - Boulders at 107 to 109 - Drilled to 120 - Next A.M. Drilled 4' - Real Hard Formation - Vent Perforated - Complete - 124' - Slurry 23 Sacks**

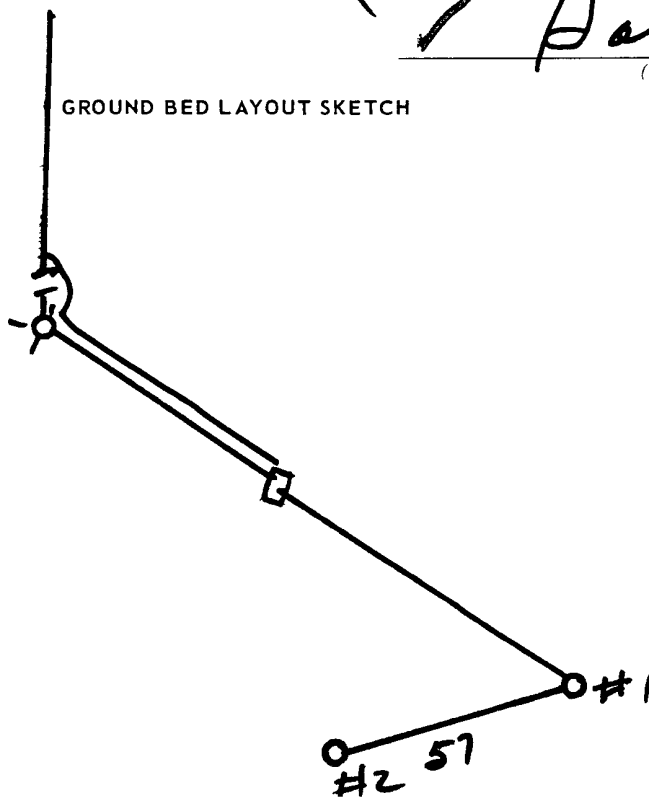
16 hrs

All Construction Completed

Danels

(Signature)

GROUND BED LAYOUT SKETCH



9-29-09-30-75
DAILY DRILLING REPORT

LEASE			WELL NO. 40-W			CONTRACTOR			RIG NO. 399			REPORT NO.			DATE			19		
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.						
30	30'	Sand			120	124	conglomerate													
30'	48'	Clay			124	TD														
48'	110'	Sandstone																		
110'	120'	Shale SANDY			107'	109'	BOULDERS													
BIT NO.		NO. DC		SIZE	LENG.	BIT NO.		NO. DC		SIZE	LENG.	BIT NO.		NO. DC		SIZE	LENG.			
SERIAL NO.		NO. DC		SIZE	LENG.	SERIAL NO.		NO. DC		SIZE	LENG.	SERIAL NO.		NO. DC		SIZE	LENG.			
SIZE		STANDS				SIZE		STANDS				SIZE		STANDS						
TYPE		SINGLES				TYPE		SINGLES				TYPE		SINGLES						
MAKE		DOWN ON KELLY				MAKE		DOWN ON KELLY				MAKE		DOWN ON KELLY						
MUD RECORD		TOTAL DEPTH				MUD RECORD		TOTAL DEPTH				MUD RECORD		TOTAL DEPTH						
MUD, ADDITIVES USED AND RECEIVED						MUD, ADDITIVES USED AND RECEIVED						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 -								
DAMP @ 19-21						mud - 5														
wet 21-25																				
Water 25-																				
Redrill - Drill with mud																				
0'-to 124'																				

SIGNED: Toolpusher

____ Company Supervisor

40W

9-30-75

Wt %	Wt %	Wt %
10	0.1	0.1
20	0.2	0.2
30	0.3	0.3
40	0.4	0.4
50	0.5	0.5
60	0.6	0.6
70	0.7	0.7
80	0.8	0.8
90	0.9	0.9
100	1.0	1.0

30	2.0
	1.8
40	1.7
	1.8 -
50	1.8
	1.8 -
60	1.6
	1.6 -
70	1.8 -
	1.6
80	1.7 -
	1.7
90	1.5 -
	1.2
100	1.2
	1.2
10	1.3
20	117 T.D.

Set 14' Plastic Cgs.
Waterater- Drilled
60' wet thin sand-
Move over- start with
Mud- Shale at 30'
Boulders 107 to 109 -
Drilled 120' -
Next A.M. Drilled 4'
Real Hard conglomerate

Vent Perf. - ALL.

1	95	16	4.3
2	85	20	4.7
3	75	17	4.4
4	65	12	4.1
5	55	19	4.6
6	45	20	4.6

320

110

110

110

110

110

110

110

110

110

110

110

110

110

110

110

110

110

110

110

110

110

110

$$130 / 11.0V 13.0A = 84$$