

30-045-10157

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MAY 31 1991

OIL CON

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. 31 Twp 31 Rng 9

Name of Well/Wells or Pipeline Serviced WALKER #1

339w

Elevation 6601 Completion Date 9/28/70 Total Depth 600' 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 THIS HOLE. 140' & 260' FIRST HOLE

Depths gas encountered: N/A

Type & amount of coke breeze used: 87 BAGS

Depths anodes placed: 555', 545', 535', 525', 515', 505', 495', 485', 440', 410'

Depths vent pipes placed: N/A

Vent pipe perforations: N/A

Remarks: qb #2 LOST PUMP HOSE & 4 ANODES IN FIRST HOLE (600') ABANDONED.

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

#2 Ground Bed

Contract By C.P.S.

Completion Date 9-28-7

Drilling Log (Attach Hereto) ☐

Well Name EP Walker #1		Location NE 31-31-9		CPS No. 339W	
Type & Size Bit Used 7 7/8				Work Order No. 184-52181-50-20	
Anode Hole Depth 600'	Total Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
#1 555	#2 545	#3 535	#4 525	#5 515	#6 505
#7 495	#8 485	#9 440	#10 410		
Anode Output (Amps)					
#1 4.3	#2 4.3	#3 4.3	#4 4.3	#5 4.2	#6 4.2
#7 3.2	#8 3.0	#9 2.4	#10 2.6		
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 15.0	Ohms 0.73			

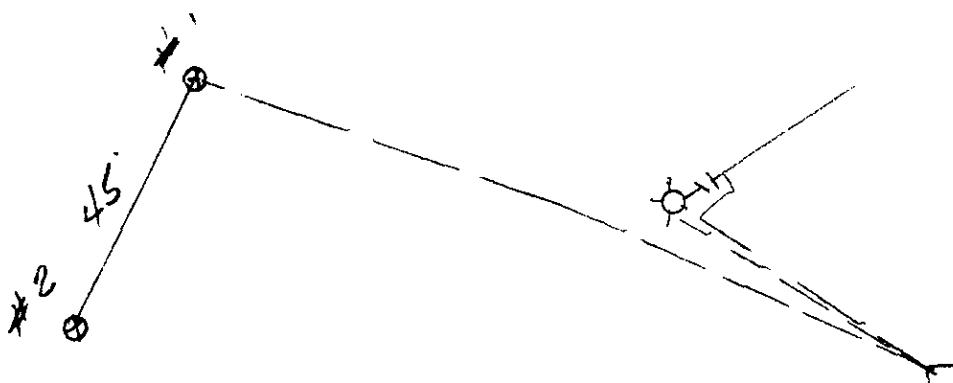
Remarks: Drill 6 3/4" Hole to 600'; - 280' with air
Water at 140 & 260 to 280 - Lost Pump Hose
and 4 Anodes in Hole, Moved about 10' & Drilled
New hole with Water. 7 7/8" - Slurry 20 sacks &
Bridged - install pump Hose, dislodged Bridge & Pumped
72 Bags of Coke - slurry 15 Bags

All Construction Completed

Darvels

(Signature)

GROUND BED LAYOUT SKETCH



339w air to 280- wtr. at 140-280

WT	gals/mi
10	4.4
20	8.8
30	13.2
40	17.6
50	22.0
60	26.4
70	30.8
80	35.2
90	39.6
100	44.0
110	48.4
120	52.8
130	57.2
140	61.6
150	66.0
160	70.4
170	74.8
180	79.2
190	83.6
200	88.0

107
72
35

WT	gals/mi
10	4.4
20	8.8
30	13.2
40	17.6
50	22.0
60	26.4
70	30.8
80	35.2
90	39.6
100	44.0
110	48.4
120	52.8
130	57.2
140	61.6
150	66.0
160	70.4
170	74.8
180	79.2
190	83.6
200	88.0

250	.50	30	.9	Abandoned	
60	.5	40	1.6		
	.6		1.6	1	555
	.65		1.4	2	545
70	.6	50	1.1	3	535
	.6		.8	4	525
80	.6	60	1.1	5	515
	.6		1.1	6	505
90	.6	70	1.0	7	495
	.6		1.6	8	485
300	1.3	80	1.7	9	475
	1.2		1.8	10	465
10	1.0	90	1.8		
	.8		1.8		
20	.7	500	1.8	Lost Hose & Anodes	
	.6		1.8		
30	.6	10	1.8	in Hole	
	.6		1.8		
40	.6	20	1.8		
	.6		1.8		
50	.7	30	1.7		
	.7		1.6		
60	.7	40	1.6		
	.7		1.6		
70	1.6	50	1.55		
	1.6		1.6		
80	1.2	60	1.6		
	.8		1.5		
90	.6	70	1.1		
	.7		1.0		
400	1.0	80	1.0		
	1.5		1.0		
10	1.6	90	1.0		
	1.4	94	1.0		
20	1.2	600			
	.9				

3390 - 7 7/8" Hole

Harry 20 Bags
Pump 72 Bags

3 6 1 4 - 15

350	8	30	1 6		
	7		1 5		
60	6	40	1 4	1 555	
	7		1 4	2 545	2.4 - 4.3
70	1 6	50	1 4	3 535	
	1 6		1 5	4 525	2.8 4.3
80	1 2	60	1 5	5 515	
	7		1 4	6 505	3.0 4.2
90	5	70		7 495	2.0 - 3.2
	6			8 485	2.2 3.0
400	9	80		9 440	1.4 - 2.4
	1 2			10 410	1.7 - 2.6
10	1 5	90			
	1 4				
20	1 0	600			
	8				
30	8				
	1 3				
40	1 4				
	1 3				
50	1 0				
	8				
60	8				
	1 0				
70	8				
	1 4				
80	1 6				
	1 6				
90	1 6				
	1 6				
500	1 6				
	1 6				
10	1 6				
	1 6				
20	1 6				
	1 6				
	1 6				

733
15.0 / 11.00
10.50
50.0
45.0

73 1/2