

1 = 30-045-10688
8 = 30-045-22579

4858

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. 15 Twp 31 Rng 10

Name of Well/Wells or Pipeline Serviced KELLY A #1, #8

cps 442w

Elevation 6178' Completion Date 11/14/74 Total Depth 460' 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. 110'

Depths gas encountered: N/a

Type & amount of coke breeze used: N/A

Depths anodes placed: 350', 335', 320', 310', 300', 290', 280', 270', 250', 240'

Depths vent pipes placed: N/A

Vent pipe perforations: 333'

Remarks: qb #2 FIRST 460' HOLE CAVED-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.

RECEIVED

MAY 31 1991

OIL CON. DIV

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

Drilling Log (Attach Hereto). ☐

logged

Completion Date 11-14-74

Well Name <u>Kelly A #1</u>		Location <u>2W15-31-10</u>		CPS No. <u>CP5 442W</u>	
Type & Size Bit Used <u>6 3/4</u>				Work Order No. <u>52225</u>	
Anode Hole Depth <u>460</u>	Total Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth	# 1 <u>350</u>	# 2 <u>335</u>	# 3 <u>320</u>	# 4 <u>310</u>	# 5 <u>300</u>
Anode Output (Amps)	# 1 <u>4.0</u>	# 2 <u>3.8</u>	# 3 <u>4.4</u>	# 4 <u>4.6</u>	# 5 <u>4.9</u>
Anode Depth	# 6 <u>290</u>	# 7 <u>280</u>	# 8 <u>270</u>	# 9 <u>250</u>	# 10 <u>240</u>
Anode Output (Amps)	# 6 <u>5.5</u>	# 7 <u>5.2</u>	# 8 <u>4.2</u>	# 9 <u>4.1</u>	# 10 <u>4.0</u>
Anode Depth	# 11	# 12	# 13	# 14	# 15
Anode Output (Amps)	# 11	# 12	# 13	# 14	# 15
Total Circuit Resistance	Volts <u>11.6</u>		Amps <u>16.5</u>		Ohms <u>0.70</u>
No. 8 C.P. Cable Used		<u>123'</u>		No. 2 C.P. Cable Used	

Remarks: ^{W AIR} Drilled to 460' Driller said water at 110'. Boulders 80 to 120-
Boulders Caved. - Move & start New Hole with Mud, Boulders 50' to 130'
log with Mud in Hole, Flushed Hole with Pump Hose
with Drillers Mud Pump.
Vent Perforated 333'
Pump Coke to Surface

Abandoned 460'
Boulders
80 - 120



GROUND BED LAYOUT SKETCH

All Construction Completed

Darrels
(Signature)

3,409.00
49.20 Cable
3,458.20
- 250.00 Depth Credit
3,208.20
128.33 TAX
3,336.53 TOTAL

STORM WATER WELL DRILLING INC.

GENERAL OFFICE
14991 W. 44TH AVENUE
BAILEY OFFICE
CALL 1-838-4821

Date 11-14-74

Owner (CPS 442-W)

Location _____
City _____ State _____ County _____

[illegible]

Water 110420
Boulder 50-130

STANBY 8³⁰ AM. To 10:30
Displace mud.

Total Hours _____

Equipment Down Time _____

Hours Drilling _____

Driller Francis - Kay

Helper _____

Helper _____

C.P.S. Time _____

S.W.W.D.I. Time _____

Total Footage _____

Approval of
C.P.S. Engineer _____

442W X=6.6

11-12-74

118' JB.

MW	gas/mol
15	6.4
20	6.24
25	6.12
30	6.0
35	5.88
40	5.76
45	5.64
50	5.52
55	5.4
60	5.28
65	5.16
70	5.04
75	4.92
80	4.8
85	4.68
90	4.56
95	4.44
100	4.32
105	4.2
110	4.08
115	3.96
120	3.84
125	3.72
130	3.6
135	3.48
140	3.36
145	3.24
150	3.12
155	3.0
160	2.88
165	2.76
170	2.64
175	2.52
180	2.4
185	2.28
190	2.16
195	2.04
200	1.92
205	1.8
210	1.68
215	1.56
220	1.44
225	1.32
230	1.2
235	1.08
240	0.96
245	0.84
250	0.72
255	0.6
260	0.48
265	0.36
270	0.24
275	0.12
280	0.0

MW	gas/mol
15	6.4
20	6.24
25	6.12
30	6.0
35	5.88
40	5.76
45	5.64
50	5.52
55	5.4
60	5.28
65	5.16
70	5.04
75	4.92
80	4.8
85	4.68
90	4.56
95	4.44
100	4.32
105	4.2
110	4.08
115	3.96
120	3.84
125	3.72
130	3.6
135	3.48
140	3.36
145	3.24
150	3.12
155	3.0
160	2.88
165	2.76
170	2.64
175	2.52
180	2.4
185	2.28
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225	1.32
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240	0.96
245	0.84
250	0.72
255	0.6
260	0.48
265	0.36
270	0.24
275	0.12
280	0.0

110		290	3.4	<u>Log Mud in Hole</u> Drilled to 160W Drilled - Boulders 80-120 Drilled - Said water 120- Boulders Caved - Moved & Start New Hole with Mud.		
			29			
20		300	3.0			
	2.4		3.1			
30	2.5	10	2.8	Vent Perf. 333		
	2.5		2.8			
40	2.8	20	2.8			
	2.8		2.3			
50	2.5	30	2.4	log wtr cke		
	2.1		2.5			
60	2.3	40	2.3			
	2.0		2.2			
70	1.4	50	2.5	100	2.5	
	1.0		2.3	300	2.7	
80	1.1	60	2.2	1	350	2.5 23 40
	2.3		2.0	2	335	2.5 24 38
90	2.2	70	2.4	3	320	2.8 27 44
	2.1		2.3	4	310	2.8 26 46
200	1.9	80	2.0	5	300	3.0 26 49
	1.6		1.9	6	290	3.4 29 55
10	1.5	90	2.7	7	280	3.2 27 52
	1.5		2.4	8	270	2.7 23 42
20	1.4	400	2.5	9	250	2.8 23 41
	1.4		2.4	10	240	2.8 23 40
30	1.1	10	2.1			
	2.2		1.9			
40	2.8	20	1.8			
	2.9		1.9			
50	2.8	30	2.6			
	2.6		2.7			
60	2.1	40	2.8			
	2.1		2.7			
70	2.7	50	2.5			
	2.8	59	2.6 T.D.			
80	3.2	60				
	3.3					

11.64 16 SA 7.0
11 55