

E

1018

30-045-21985

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. 16 Twp 31 Rng 10

Name of Well/Wells or Pipeline Serviced BROOKHAVEN COM A #2A

cps 1192w

Elevation 6105' Completion Date 6/10/77 Total Depth 500' Land Type* N/A

Casing, Sizes, Types & Depths 48' OF 8" CASING

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. WET AT 100'

Depths gas encountered: N/A HOLE MAKING GAS.

Type & amount of coke breeze used: 48 SACKS

Depths anodes placed: 235', 225', 215', 205', 195', 185', 175', 165', 155', 145'

Depths vent pipes placed: 235'

Vent pipe perforations: 200'

Remarks: gb #1 BOULDER FELL IN HOLE OVERNIGHT. DRILLED BACK TO 350'

HOLE MAKING GAS.

RECEIVED
MAY 31 1991
OIL CON. DIST.

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 6-10-77

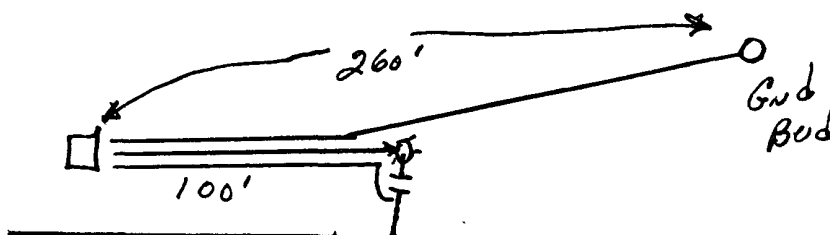
Well Name BROOKHAVEN COM. A #2A		Location SE 16-31-10		CPS No. 1192 W	
Type & Size Bit Used 6 3/4"				Work Order No. 57043	
Anode Hole Depth 500' - 250'	Total Drilling Rig Time		Total Lbs. Coke Used	Lost Circulation Mat'l Used	
Anode Depth		Anode Output (Amps)		Anode Depth	
1 235'	2 225'	3 215'	4 205'	5 195'	6 185'
1 5.5	2 5.0	3 5.5	4 6.5	5 7.1	6 6.2
11	12	13	14	15	16
Anode Output (Amps)		Anode Depth		Anode Output (Amps)	
11	12	13	14	15	16
Total Circuit Resistance		Total Circuit Resistance		Total Circuit Resistance	
Volts 11.8	Amps 23.5	Ohms 0.50 ~		No. 8 C.P. Cable Used	
				No. 2 C.P. Cable Used	

Remarks: Installed 48' 05" CASING. CHARGED 48.4805 CASING. Installed 235' 05" 1" PVC Vent Pipe. Perforated 200'. Driller said wet @ 100'. Started Enj. @ 150' Drilled to 500'. Boulder Fell in Hole over night. Driller tried to DRILL BACK to 500. Drilled to 350. Logged Hole. Logging Anode stopped @ 250. over 24 hour period water level @ 60'. Gnd Bed MAKING GAS. SLURRIED 48 SACKS of COKE Static 0.80 600' North

All Construction Completed

W. Z. Lowe
(Signature)

GROUND BED LAYOUT SKETCH



DISTRIBUTION:

WHITE — Division Corrosion Office
YELLOW — Area Corrosion Office
PINK — Originator File

6/10/77

DAILY DRILLING REPORT

[illegible]

SIGNED: Toolpusher

____ Company Supervisor

SE 16-31-10

57043

BROOK HAVEN COM. A #2-A

1192W

Installed 48' of 8" casing. charged
of casing

Driller said wet @ 100'

started twj. @ 150'

Perforated 1" of 1" PVC vent pipe

Installed 235' of 1" PVC vent pipe

Water Level After 24 HR

Period standing @ 60'

MW	gas/mol
16	C ₁ 6.4
30	C ₂ 9.56
44	C ₃ 10.42
58	C ₄ 12.38
72	HC ₅ 11.93
86	LC ₆ 13.85
100	HC ₇ 13.11
114	LC ₈ 15.50
128	C ₉ 15.57
142	LC ₁₀ 17.5
156	C ₁₁ 17.46
170	C ₁₂ 19.38
184	C ₁₃ 19.64
198	C ₁₄ 19.67

MW	MSC	gas/mol
44	CO ₂	6.38
34	H ₂ S	5.17
18	N ₂	4.18
2	H ₂	3.38

1	00	2.2	40	2.9	80
		2.0		2.9	
10		1.8	50	TP	90
		2.3			
20		2.1	60		400
		2.6			
30		2.3	70		10
		2.2			
40		1.8	80		20
		1.7			
50		1.8	90		30
		1.9			
60		2.5	300		40
		2.2			
70		3.2	10		50
		3.0			
80		2.6	20		60
		2.5			
90		3.1	30		70
		3.0			
200		2.9	40		80
		2.8			
10		2.4	50		90
		2.0			
20		2.2	60		500
		2.5			
30		2.6	70		
		2.5			

- ① 235 - 3.2 - 5.5
 ② 225 - 3.6 - 5.0
 ③ 215 - 3.3 - 5.5
 ④ 205 - 4.5 - 6.5
 ⑤ 195 - 5.0 - 7.1
 ⑥ 185 - 3.6 - 6.2
 ⑦ 175 - 5.2 - 7.9
 ⑧ 165 - 3.0 - 5.2
 ⑨ 155 - 2.6 - 5.0
 ⑩ 145 - 2.2 - 4.0

11.8 23.5 A 0.50 ~

2 0.500
 23.5 / 11.8 = 2
 11.8 x 2 = 23.6
 23.6 - 0.1 = 23.5
 23.5 x 2 = 47.0
 47.0 - 0.1 = 46.9
 46.9 x 2 = 93.8
 93.8 - 0.1 = 93.7
 93.7 x 2 = 187.4
 187.4 - 0.1 = 187.3
 187.3 x 2 = 374.6
 374.6 - 0.1 = 374.5
 374.5 x 2 = 749.0
 749.0 - 0.1 = 748.9
 748.9 x 2 = 1497.8
 1497.8 - 0.1 = 1497.7
 1497.7 x 2 = 2995.4
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