

1020

E

30-045-21984

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. 15 Twp 31 Rng 10

Name of Well/Wells or Pipeline Serviced KELLY A #3A

cps 1194w

Elevation 6218' Completion Date 5/19/77 Total Depth 370' 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. WET AT 50'

Depths gas encountered: N/A

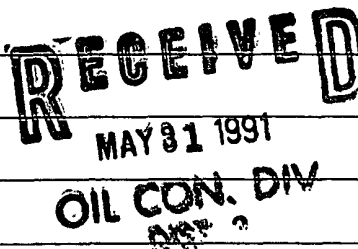
Type & amount of coke breeze used: 38 SACKS

Depths anodes placed: 270', 260', 240', 230', 220', 210', 185', 175', 165', 155'

Depths vent pipes placed: 300'

Vent pipe perforations: 200'

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.

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

Logged
H. W. R. [Signature]
File
Completion Date 5/19/77

Drilling Log (Attach Hereto). ☐

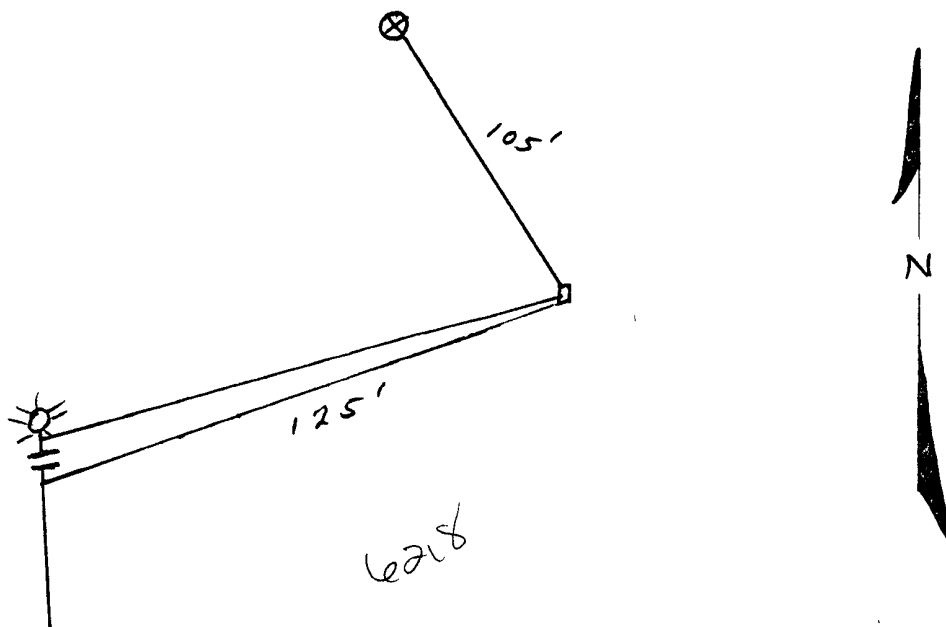
Well Name Kelly A #3A		Location SE-15-31-10		CPS No. 1194 W	
Type & Size Bit Used 6 3/4"				Work Order No. 57106-19-50-20	
Anode Hole Depth 320' X 320'	Total Drilling Rig Time	Total Lbs. Coke Used 38 SACKS	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth	# 1	# 2	# 3	# 4	# 5
	270'	260'	240'	230'	220'
Anode Output (Amps)	# 1	# 2	# 3	# 4	# 5
	4.4	4.6	4.4	5.3	5.2
Anode Depth	# 6	# 7	# 8	# 9	# 10
	210'	185'	175'	165'	155'
Anode Output (Amps)	# 6	# 7	# 8	# 9	# 10
	5.2	4.8	5.8	5.0	6.6
Anode Depth	# 11	# 12	# 13	# 14	# 15
Anode Output (Amps)	# 11	# 12	# 13	# 14	# 15
Total Circuit Resistance	No. 8 C.P. Cable Used		No. 2 C.P. Cable Used		
Volts 11.61 V	Amps 22.8 A	Ohms .5			

Remarks: Drilled 320'-Hole cased to 320'. WATER NEXT A.M. AT 60
Drilled To 240' with Air, STARTED INJECTING WATER AT 240'.
300' of 1" P.V.C. VENT pipe, Perforated 200'. Skipped 38 SACKS
of coke.

All Construction Completed

[Signature]
(Signature)

GROUND BED LAYOUT SKETCH



El Paso Natural Gas Company
ENGINEERING CALCULATIONSheet _____ of _____
Date _____
By _____
File _____

5/19/77

JL

1194 W

Kelly A #3A

SE-15-31-10

W.O.H. 57106.19

MW		gals/mol
16.04	C ₁	6.4
30.07	C ₂	10.12
44.10	C ₃	10.42
58.12	iC ₄	12.38
58.12	nC ₄	11.93
72.15	iC ₅	13.85
72.15	nC ₅	13.71
86.18	iC ₆	15.50
86.18	C ₆	15.57
100.21	iC ₇	17.2
100.21	C ₇	17.46
114.23	C ₈	19.39
28.05	C ₂	9.64
42.08	C ₃	9.67

MW	MISC	gals/mol
32.00	O ₂	3.37
28.01	CO	4.19
44.01	CO ₂	6.38
64.06	SO ₂	5.50
34.08	H ₂ S	5.17
28.01	N ₂	4.16
2.02	H ₂	3.38

50 -

60 - .6

70 - 1.1

80 - 1.7

90 - 1.9

100 - 1.6

110 - 1.5

120 - 1.9

130 - 2.3

140 - 2.4

150 - 2.3

160 - 2.1

170 - 1.9

180 - 1.5

190 - 1.3

200 - 1.0

210 - 1.9

220 - 2.5

230 - 2.8

240 - 2.5

250 - 2.4

260 - 2.5

270 - 2.7

280 - 2.2

290 - 2.2

300 - 2.1

310 - 2.0

320 - 2.0

330 - 2.3

340 - 2.3

350 - 2.6

360 - 2.6

370 - 2.5

380 - 2.3

390 - 2.2

400 - 1.8

410 - 1.6

420 - 1.6

60 - 2.1

70 - 2.3

80 - 2.0

90 - 1.8

100 - 1.6

110 - 1.4

120 - 1.8

130 - 1.5

140 - 2.1

150 - 2.4

160 - 2.5

170 - 2.3

180 - T.D.

190 -

200 -

210 -

220 -

230 -

240 -

250 -

260 -

270 -

280 -

290 -

300 -

310 -

320 -

330 -

340 -

350 -

360 -

370 -

380 -

390 -

400 -

410 -

420 -

430 -

440 -

450 -

460 -

470 -

480 -

490 -

500 -

510 -

520 -

530 -

540 -

550 -

560 -

570 -

Driller said formation
at 50'300' of 1" vent
200' perforated

1 = 270 - 3.8 - 4.4

2 = 260 - 3.5 - 4.6

3 = 240 - 3.2 - 4.4

4 = 230 - 3.9 - 5.3

5 = 220 - 3.9 - 5.2

6 = 210 - 3.5 - 5.2

7 = 185 - 2.2 - 4.8

8 = 175 - 4.3 - 5.8

9 = 165 - 3.7 - 5.0

10 = 155 - 4.7 - 6.6

22.8 A

11.61 V

.5 R

[illegible]

____ Company Supervisor