

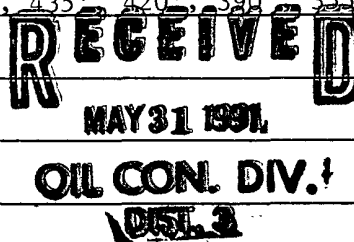
1287

#1-A 30-045-23709
#2 30-045-21049

E

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. 22 Twp 30 Rng 10Name of Well/Wells or Pipeline Serviced KING #1A, #2

cps 1565w

Elevation 6272' Completion Date 9/1/81 Total Depth 505' Land Type* N/ACasing, Sizes, Types & Depths N/AIf Casing is cemented, show amounts & types used N/AIf Cement or Bentonite Plugs have been placed, show depths & amounts used
N/ADepths & thickness of water zones with description of water when possible:
Fresh, Clear, Salty, Sulphur, Etc. 125' NO SAMPLEDepths gas encountered: N/AType & amount of coke breeze used: 6060 lbs.Depths anodes placed: 480', 470', 460', 450', 435', 420', 390', 355', 320', 300'Depths vent pipes placed: 500'Vent pipe perforations: 400'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

Drilling Log (Attach Hereto). ☐

2 x 60 Anodes

Completion Date 9-1-81

Well Name KING #1A KING #2		Location SE22-30-10		CPS No. 1565 W	
Type & Size Bit Used 6 3/4				Work Order No. 57679-21 55243-19	
Anode Hole Depth 505 logged 505	Total Drilling Rig Time	Total Lbs. Coke Used 6060	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
# 1 480	# 2 470	# 3 460	# 4 450	# 5 435	# 6 420
# 7 390	# 8 355	# 9 320	# 10 300		
Anode Output (Amperes)					
# 1 2.7	# 2 3.0	# 3 3.6	# 4 4.4	# 5 4.5	# 6 4.3
# 7 2.9	# 8 3.7	# 9 2.5	# 10 3.4		
Anode Depth					
# 11	# 12	# 13	# 14	# 15	# 16
# 17	# 18	# 19	# 20		
Anode Output (Amperes)					
# 11	# 12	# 13	# 14	# 15	# 16
# 17	# 18	# 19	# 20		
Total Circuit Resistance					
Volts 12.0	Amperes 18.5	Ohms .65			
Total Circuit Resistance		No. 9 C.P. Cable Used		No. 2 C.P. Cable Used	

Remarks: STATIC 600' SW .77 UNION OK

DRILLER Said HIT WATER 125', NO WATER SAMPLE.

INSTALLED 500' of 1" VENT PIPE, PERFORATED 400' of VENT PIPE
SLURRIED 6060 lbs of COKE BREEZE.

1 60V 30A Rect ✓

1 STUB Pole ✓

DITCH + 1 cable - 208' ✓

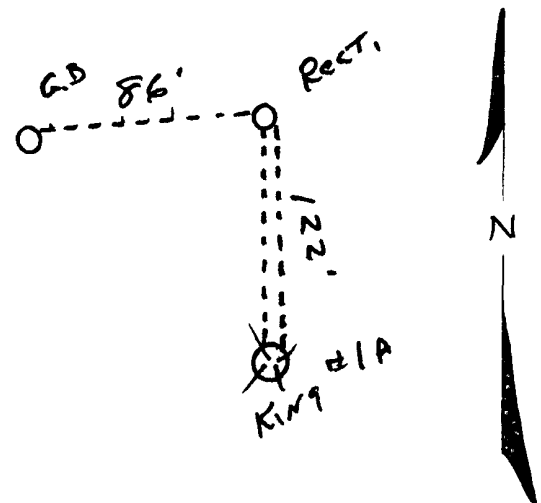
EXTRA cable - 142' ✓

Hole Depth + 5' ✓

All Construction Completed

Stella Knight Jr.
(Signature)

GROUND BED LAYOUT SKETCH



Time	Req	O.T
8.31-81	8	11 ✓

DISTRIBUTION:

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

6272

DAILY DRILLING REPORT

CPS-1565-W King #1-A-#2
LEASE WELL NO. CONT

CONTRACTOR Story Drilling RIG NO.
DAYLIGHT

REPORT NO.

DATE 9-1-81 19

[illegible]

SIGNED: Toolpusher

____ Company Supervisor

El Paso Natural Gas Company
ENGINEERING CALCULATION

Sheet: of
Date 9-1-81
By WK
File

KING # 1A
KING # 2
SE 22-30-10
CPS 1565 W

W/O 57679-21
W/O 55263-19

STATIC 600' SW. .77

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

1 60V 30A Rect
1 Stub Pole
DITCH 1 cable - 208'
EXTRA cable - 142'
Hole DEPTH + 5'

DRILLER Sand hit WATER @
125' NO WATER SAMPLE
INSTALLED 500' of 1" VENT Pipe
PERFORATED 400' of VENT AP-
SLURRED 6060 lbs. of COKE

125	.70	75	1.10	25	2.70
30	.80	80	1.00	30	2.80
35	.80	85	1.10	35	2.90 ⑤
40	.90	90	1.00	40	2.80
45	1.40	95	1.10	45	2.90
50	1.40	300	1.80 ⑩	50	2.80 ⑩
55	.90	05	2.10	55	2.70
60	.90	10	2.30	60	2.00 ③
65	1.10	15	1.60	65	1.70
70	1.40	20	1.60 ⑦	70	1.70 ②
75	1.10	25	1.10	75	1.70
80	1.30	30	1.00	80	1.80 ①
85	1.40	35	1.40	85	2.20
90	1.30	40	.90	90	2.60
95	1.30	45	.50	95	1.70
200	1.20	50	1.60	300	1.80
05	1.20	55	2.40 ⑧	05	1.80 7 D
10	1.30	60	1.30		
15	1.30	65	1.10		
20	1.30	70	1.10		
25	1.30	75	.90		
30	1.50	80	.90		
35	2.10	85	1.80		
40	2.40	90	1.90 ⑦		
45	2.10	95	1.80		
50	1.80	400	1.20		
55	1.30	05	.40		
60	.90	10	.30		
65	.70	15	1.90		
70	.90	20	2.40 ⑥		

①	480	1.80	2.70
②	470	1.70	3.00
③	460	2.10	3.60
④	450	2.80	4.40
⑤	435	3.00	4.50
⑥	420	2.80	4.30
⑦	390	2.00	2.90
⑧	355	2.60	3.70
⑨	320	1.60	2.50
⑩	300	2.20	3.40

12.0 V
18.5 A
.65 Ω