

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**RECEIVED**
MAY 31 1991
OIL CON. DIV.
10513

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 Material 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 (Amps)					
± 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 (Amps)					
± 11	± 12	± 13	± 14	± 15	± 16
± 17	± 18	± 19	± 20		
Total Circuit Resistance					
Volts 12.0	Amps 18.5	Ohms .65			

Remarks: STATIC 600' SW .77 UNION OK

DRILLER SAID HIT WATER 125', NO WATER SAMPLE.

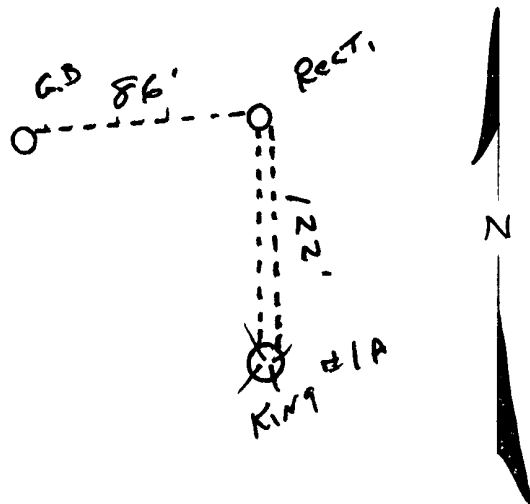
INSTALLED 500' OF 1" VENT PIPE, PERFORATED 400' OF VENT PIPE
SLURRIED 6060 LBS OF COKE BREEZE.

All Construction Completed

1 60V 30A RECT ✓
1 STUB POLE ✓
DITCH + 1 cable - 208' ✓
EXTRA cable - 142' ✓
Hole Depth +5' ✓

GROUND BED LAYOUT SKETCH

Willis Knight Jr.
(Signature)



Time	Reg	O.T.
8-31-81	8	11 ✓

DISTRIBUTION:

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

6272

DAILY DRILLING REPORT

CP5-1565-W King #1-A-#2
LEASE WELL NO. CONTRACTOR Story Drilling RIG NO. 1
REPORT NO. DATE 9-1-81 19

MORNING					DAYLIGHT					EVENING				
Driller		Total Men In Crew			Driller		Total Men In Crew			Driller		Total Men In Crew		
FROM	TO	FORMATION	WT-BIT	R.P.M.	FROM	TO	FORMATION	WT-BIT	R.P.M.	FROM	TO	FORMATION	WT-BIT	R.P.M.
0	5	OB			250	270	SS							
5	125	SS			270	505	Sh							
125	140	SS												
140	250	Sh												

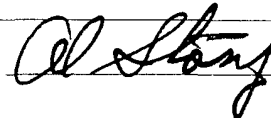
BIT NO.		NO. DC	SIZE	LENG.	BIT NO.		NO. DC	SIZE	LENG.	BIT NO.		NO. DC	SIZE	LENG.
S IL NO.		STANDS			SERIAL NO.		STANDS			SERIAL NO.		STANDS		
SIZE		SINGLES			SIZE		SINGLES			SIZE		SINGLES		
TYPE		DOWN ON KELLY			TYPE		DOWN ON KELLY			TYPE		DOWN ON KELLY		
MAKE		TOTAL DEPTH			MAKE		TOTAL DEPTH			MAKE		TOTAL DEPTH		

MUD RECORD			MUD, ADDITIVES USED AND RECEIVED			MUD RECORD			MUD, ADDITIVES USED AND RECEIVED			MUD RECORD			MUD, ADDITIVES USED AND RECEIVED		
Time	Wt.	Vis.				Time	Wt.	Vis.				Time	Wt.	Vis.			

FROM	TO	TIME BREAKDOWN	FROM	TO	TIME BREAKDOWN	FROM	TO	TIME BREAKDOWN

REMARKS -			REMARKS -			REMARKS -		
Water at 125								
logged 505								
T.D. 505								

SIGNED: Toolpusher



Company Supervisor

El Paso Natural Gas Company
ENGINEERING CALCULATIONSheet: of
Date 9-1-81
By WK
File King # 1A
King # 2
SE 22-30-10
CPS 1565 WW/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 Said hit WATER @
125' NO WATER SAMPLE
INSTALLED 500' of 1" VENT Pipe
PERFORATED 400' of VENT AP-
SLURRYED 6060lbs. 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 ④
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	① 480	1.80 2.70
30	1.50	80	.90	② 470	1.70 3.00
35	2.10	85	1.80	③ 460	2.10 3.60
40	2.40	90	1.90 ⑦	④ 450	2.80 4.40
45	2.10	95	1.80	⑤ 435	3.00 4.50
50	1.80	400	1.20	⑥ 420	2.80 4.30
55	1.30	05	.40	⑦ 390	2.00 2.90
60	.90	10	.30	⑧ 355	2.60 3.70
65	.70	15	1.90	⑨ 320	1.60 2.50
70	.90	20	2.40 ⑥	⑩ 300	2.20 3.40

12.0 V
18.5 A
.65 A