

1218

E

30-039-21977

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. 18 Twp 30 Rng 6
Name of Well/Wells or Pipeline Serviced SAN JUAN 30-6 UNIT #18A
cps 1475w
Elevation 6424' Completion Date 7/28/80 Total Depth 400' 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. 100'
Depths gas encountered: N/A
Type & amount of coke breeze used: 3800 lbs.
Depths anodes placed: 360', 285', 270', 200', 190', 180', 170', 155', 145', 120'
Depths vent pipes placed: 400'
Vent pipe perforations: 300'
Remarks: gb #1

RECEIVED
MAY 31 1991
OIL CON. DIV
DIST. 3

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" DURIROX

Completion Date 7-28-80

Well Name S.J. 30-6 #18A		Location SE18-30-6		CPS No. 1475W	
Type & Size Bit Used 6 3/4 Rock				Work Order No. 57572-21	
Anode Hole Depth 400-Log 397	Total Drilling Rig Time	Total Lbs. Coke Used 3800	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
# 1 360	# 2 285	# 3 270	# 4 200	# 5 190	# 6 180
# 7 170	# 8 155	# 9 145	# 10 120		
Anode Output (Amps)					
# 1 3.0	# 2 3.0	# 3 2.9	# 4 3.0	# 5 3.3	# 6 3.3
# 7 3.7	# 8 4.3	# 9 3.9	# 10 3.5		
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		No. 8 C.P. Cable Used		No. 2 C.P. Cable Used	
Volts 11.9	Amps 16.4	Ohms .73			

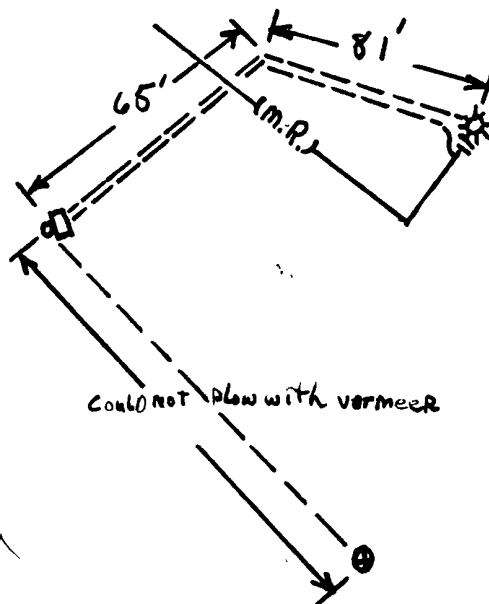
Remarks: STATIC $\frac{1}{2}$ 600' SE = .86 UNION = good Driller said water AT 100' WET AT 140 TOTAL WATER APPROX $\frac{1}{2}$ GPM. DRILLED 400' Logged 397' INST 400' VENT PIPE WITH 300' PERFORATED. SLURRIED 38 SACKS OF COKE.

20' meter pole
40V 16A Rect
Jct BOX
DITCH & CABLE = 146'
EXTRA CABLE = 106'
HOLE Depth = -103

All Construction Completed

Robert J. Bednick
(Signature)

GROUND BED LAYOUT SKETCH



DISTRIBUTION:

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

6424

San Juan 30-6

18A

Three C Drilling
CONTRACTOR

2

CPS 1475

DAILY DRILLING REPORT

LEASE SE 18-30-6

WELL NO.

CONTRACTOR

RIG NO.

REPORT NO. 5372-21 DATE July 28 1980

980

[illegible]

SIGNED: Toolpusher

Kevin Burge

____ Company Supervisor

El Paso Natural Gas Company
ENGINEERING CALCULATIONSheet: 1 of 1
Date: 7-28-80
By: RJB
File: 1475WS. J. 30-6 #18A SE18-30-6 1475W
57572-21
STATIC c/s 600' SE = .86 union = good

Hrs = 7-28-80 11

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

100	9	300	6	DRILLER SAID WATER AT 100' net AT 140' TOTAL WATER APPROX 1/2 GPM DRILLED TO 400' Logged 397 INST 400' OF vent pipe with 300' PERFORATED SLURRED 38 SACKS OF COKE
	.7		.4	
10	.7	10	.1	
	1.0		.09	
20	1.0 - ⑩	20	.15	
	.6		.2	
30	.6	30	.3	
	.7		.3	
40	.9	40	.3	
	1.0 - ⑨		.2	
50	1.0	50	.9	
	1.0 - ⑧		1.0	
60	.9	60	1.0 - ①	
	1.0		.6	
70	1.1 - ⑦	70	.4	
	1.0		.5	
80	1.0 - ⑥	80	.8	
	1.1		-	
90	1.0 - ⑤	90		
	.9		- 397	
200	1.0 - ④	400		
	.8			
10	.7			① 360 - 1.2 - 3.0 ② 285 - 1.0 - 3.0 ③ 270 - 1.0 - 2.9 ④ 200 - 1.1 - 3.0 ⑤ 190 - 1.2 - 3.3 ⑥ 180 - 1.1 - 3.3 ⑦ 170 - 1.2 - 3.7 ⑧ 155 - 1.4 - 4.3 ⑨ 145 - 1.4 - 3.9 ⑩ 120 - 1.4 - 3.5
	.4			
20	.1			
	.1			
30	.2			
	.7			
40	.7			
	.8			
50	.8			
	.7			
60	.8			$11.9 \text{ V } 16.4 \text{ A} = .73 \text{ ohms}$
	.8			
70	1.0 - ③			
	.9			
80	1.0			
	1.0 - ②			
90	.9			
	.8			

11.9 V 16.4 A = .73 ohms