

1216

E

30-039-21939

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO
(Submit 3 copies to OCD Aztec Office)

Operator MERIDIAN OIL Location: Unit NW Sec. 19 Twp 30 Rng 6

Name of Well/Wells or Pipeline Serviced SAN JUAN 30-6 UNIT #26A

cps 1477w

Elevation 6613' Completion Date 7/22/80 Total Depth 320' 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' - 120' & 130' - 150' NO SAMPLE

Depths gas encountered: N/A

Type & amount of coke breeze used: N/A

Depths anodes placed: 285', 275', 265', 255', 240', 220', 205', 190', 175', 165'

Depths vent pipes placed: 320'

Vent pipe perforations: 240'

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

8 Hrs Reg
2 Hrs O.T.

Drilling Log (Attach Hereto). ☐

2" x 60" DUEIRON

Completion Date 7-22-80

Well Name SS 30-6 # 26A		Location NW 19-30-6		CPS No. 1477W	
Type & Size Bit Used 6 3/4"		STATIC = .88		Work Order No. 57574-21	
Anode Hole Depth 320 TD	Total Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth	# 1 285	# 2 275	# 3 265	# 4 255	# 5 240
	# 6 220	# 7 205	# 8 190	# 9 175	# 10 165
Anode Output (Amps)	# 1 2.4	# 2 3.8	# 3 3.9	# 4 3.8	# 5 3.5
	# 6 2.9	# 7 4.0	# 8 3.5	# 9 4.0	# 10 3.3
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 12.5	Amps 16.4	Ohms .76	No. 8 C.P. Cable Used		No. 2 C.P. Cable Used

Remarks: UNION: OK WET 100' TO 120' WAIT 30 MIN BLOW MUD
BALLS WET 130 TO 150' WAIT 30 MIN BLOW MUDDY WATER
NO SAMPLE. DRILLED 320' LOGGED 320'

(320' vent pipe 1240' port)

NOTE: LOCATION TO ROCKY FOR CONTRACTOR WE
WILL PLOW WHEN WE PLOW A.C.

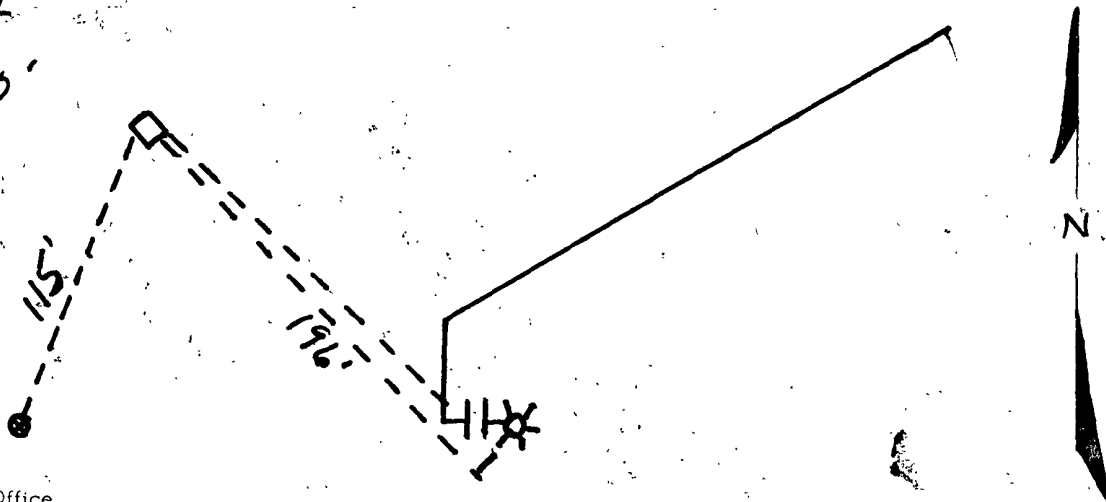
All Construction Completed

BT

(Signature)

GROUND BED LAYOUT SKETCH

STUB POLE
40/16 RECT
NO XTRA CABLE
NO DITCH
HOLE = -180'



DISTRIBUTION:

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

10/13

LEASE OB-1477W WELL NO. San Juan 30-G #26A CONTRACTOR W.O. #57574-21 RIG NO. 30 DRILLING REPORT NO. #1 DATE July 22nd 1980

MORNING					DAYLIGHT					EVENING				
Driller <u>Beish</u>		Total Men In Crew <u>3</u>			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.

BIT NO.		NO. DC	SIZE	LENG.	BIT NO.		NO. DC	SIZE	LENG.	BIT NO.		NO. DC	SIZE	LENG.
SER. NO.		NO. DC	SIZE	LENG.	SER. NO.		NO. DC	SIZE	LENG.	SER. NO.		NO. DC	SIZE	LENG.
SIZE		STANDS			SIZE		STANDS			SIZE		STANDS		
TYPE		SINGLES			TYPE		SINGLES			TYPE		SINGLES		
MAKE		DOWN ON KELLY			MAKE		DOWN ON KELLY			MAKE		DOWN ON KELLY		
TOTAL DEPTH					TOTAL DEPTH					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
0	20	sandstone	160	240	shale			
20	40	clay - damp	240	300	shale			
40	60	shale	300	320	sand			
	80	sandstone & shale						
70	100	shale						
100	160	sand - wet						

REMARKS -	REMARKS - drilled 80' on 21 st was lighting so shut down. hit water at 100' to 160' - moisture No water sample. total hole depth - 320' log total depth - 320'	REMARKS -

SIGNED: Toolpusher

Brian Burge

Company Supervisor

El Paso Natural Gas Company
ENGINEERING CALCULATION

Sheet: 7-22
Date:
By: *AT*
File:

UNION = OK 1477W 57574-21
STATIC = .88
ST 30-6 #26A NW 19-30-6

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

Wet 100' - 120' white 30-min flow - mud
falls Wet 130 - 150' white 30-min flow
mud - no sample. filled 320'
Rigged to 320' 240' perforated vent 80' 1" dia

$$12.5V \ 16.4A = .76$$

100	1.2	5	1.0	①	5	.8
5	1.2	10	1.2		10	.7
10	1.1	15	1.0		15	.7
15	.9	20	1.1	②	20	— TO
20	.7	25	1.0		25	
25	.5	30	1.0		30	
30	.6	35	1.2		35	
35	.4	40	1.1	③	40	
40	.8	45	1.0		45	
45	.7	50	1.1		50	
WATER 50	.6	55	1.2	④	55	
55	1.0	60	1.4		60	
60	1.1	65	1.2	③	65	
65	1.1	70	1.1		70	
70	1.1	75	1.2	②	75	
75	1.2	80	1.3		80	
80	1.2	85	1.1	①	85	
85	1.2	90	1.1		90	
90	1.0	95	1.0		95	
95	1.1	300	1.9		400	
200	1.1					

1 = 285	1.1	2.4
2 = 275	1.2	3.8
3 = 265	1.2	3.9
4 = 255	1.1	3.8
5 = 240	1.2	3.5
6 = 230	1.0	2.9
7 = 205	1.4	4.0
8 = 190	1.1	3.5
9 = 175	1.4	4.0
10 = 165	1.2	3.3