

30-039-07413

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835

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

Operator MERIDIAN OIL Location: Unit SW Sec. 17 Twp 28 Rng 5

Name of Well/Wells or Pipeline Serviced SAN JUAN 28-5 UNIT #33

cps 1121w

Elevation 6689' Completion Date 9/1/77 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. 210' - 235'

Depths gas encountered: N/A

Type & amount of coke breeze used: 37 SACKS

Depths anodes placed: 360', 350', 340', 330', 300', 290', 280', 270', 260', 245', 220'

Depths vent pipes placed: 380' OF 1" PVC VENT PIPE

Vent pipe perforations: 200'

Remarks: gb #1 NO COKE AROUND #8 & #9 ANODES.

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). ☐ ~~#90~~

Completion Date 9-1-77

Well Name SJ 28-5 #33				Location SW17-28-5				CPS No. 1121W			
Type & Size Bit Used 6 3/4								Work Order No. 184-20355-19-50-20			
Anode Hole Depth logged 400		Total Drilling Rig Time		Total Lbs. Coke Used 37 Sacks		Lost Circulation Mat'l Used		No. Sacks Mud Used			
Anode Depth		#1 360		#2 350		#3 340		#4 330		#5 300	
#6 290		#7 280		#8 276		#9 269		#10 245			
Anode Output (Amps)		#1 3.0		#2 3.0		#3 3.3		#4 2.7		#5 3.0	
#6 4.8		#7 4.9		#8 X		#9 X		#10 3.8			
Anode Depth		#11 220		#12 210		#13		#14		#15	
#16		#17		#18		#19		#20			
Anode Output (Amps)		#11 2.7		#12 3.8		#13		#14		#15	
#16		#17		#18		#19		#20			
Total Circuit Resistance				No. 8 C.P. Cable Used				No. 2 C.P. Cable Used			
Volts 11.3				Amps 20				Ohms .57			

Remarks: DRILLER SAID H.T WATER 210' TO 235'

INSTALLED 380' 1" VENT PIPE, PERFORATED 200' OF VENT PIPE

SLURRIED 37 SACK OF COKE, NO COKE AROUND #8 & 9 ANODE,
ADDED #11 & 12 ANODE.

40V 16A RECT.

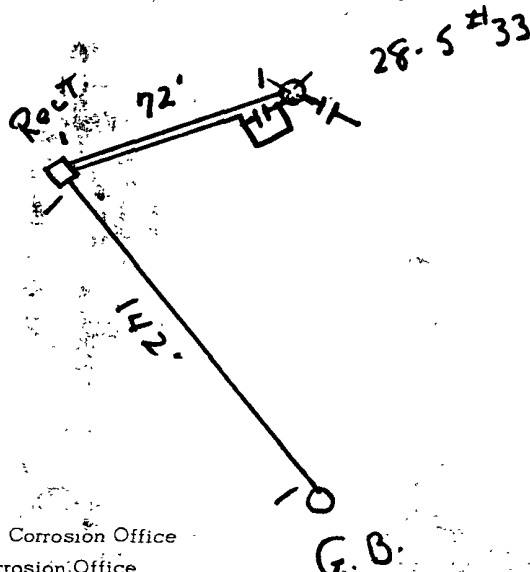
STUB POLE

STATIC 600' S.E. - .90

All Construction Completed

Willis Knight Jr.
(Signature)

GROUND BED LAYOUT SKETCH



DISTRIBUTION:

- WHITE - Division Corrosion Office
- YELLOW - Area Corrosion Office
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El Paso Natural Gas Company
ENGINEERING CALCULATION

Sheet: _____ of _____

Date: _____

By: _____

File: _____

SAN JUAN 28-5th 33

W/O 184-2035519-50.20

SW 17-28-5

CPS 1121W

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

STATIC #33 600 SE .90		DRILLER Said HIT WATER AT 210' TO 238'	
37 SACKS OF COKE		Installed 380' 1" VENT PIPE	
40V 16A Rect.		Perforated 200' of VENT PIPE	
Stub Pole			
210	1.4	60	1.9 ①
	1.4		1.6
20	1.0	70	1.4
	.9		1.4
30	.8	80	1.0
	.7		1.0
40	.7	90	1.0
	1.2 ⑩		1.2
50	1.1	400	
	2.1		
60	2.5 ⑨	TD 400	
	2.4	logged 400	
70	2.5 ⑧		
	2.4		
80	2.3 ⑦		
	2.4		
90	2.3 ⑥		
	1.9		
300	1.8 ⑤		
	1.7		
10	1.2	① 360	2.4 3.0
	1.2	② 350	2.3 3.0
20	1.1	③ 340	2.6 3.3
	1.7	④ 330	2.0 2.7
30	1.8 ④	⑤ 300	2.5 3.0
	1.4	⑥ 290	2.6 4.8
40	1.8 ③	⑦ 280	3.4 4.9
	2.1	⑧ 270	3.3 4.0
50	1.7 ②	⑨ 260	3.5 3.3
	2.0	⑩ 245	2.8 3.8
		⑪ 220	1.9 2.7
		⑫ 210	2.0 3.0
		NO COKE	
		NO COKE	
		11.3 Volts	
		2.0 Amps	
		.57 ohms	

DAILY DRILLING REPORT

LEASE		WELL NO. <i>1121W</i>		CONTRACTOR <i>Rosary</i>		RIG NO.		REPORT NO.		DATE <i>8-31</i>		19 <i>77</i>		
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.
BIT		NO. DC SIZE LENG.			BIT NO.		NO. DC SIZE LENG.			BIT NO.		NO. DC SIZE LENG.		
SERIAL 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		
<i>0</i>	<i>8</i>	<i>Surface</i>			<i>130</i>	<i>135</i>	<i>Shale</i>			<i>290</i>	<i>400</i>	<i>Shale</i>		
<i>8</i>	<i>25</i>	<i>Clay</i>			<i>135</i>	<i>145</i>	<i>Sand wet</i>							
<i>25</i>	<i>35</i>	<i>Shale</i>			<i>145</i>	<i>210</i>	<i>Shale</i>							
	<i>50</i>	<i>Sand wet</i>			<i>210</i>	<i>235</i>	<i>Sand wet</i>							
<i>50</i>	<i>120</i>	<i>Shale</i>			<i>235</i>	<i>260</i>	<i>Shale</i>							
<i>130</i>	<i>130</i>	<i>Sand wet</i>			<i>260</i>	<i>290</i>	<i>Sandy Shale</i>							
REMARKS -					REMARKS -					REMARKS -				

SIGNED: Toolpusher

Company Supervisor