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65-30-039-07375
99-30-039-08141DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO
(Submit 3 copies to OCD Aztec Office)Operator MERIDIAN OIL Location: Unit NE Sec 24 Twp 28 Rng 6Name of Well/Wells or Pipeline Serviced SAN JUAN 28-6 UNIT #65, #99cps 1167wElevation 6510' Completion Date 8/12/77 Total Depth 340' 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. 85' - 115'Depths gas encountered: N/AType & amount of coke breeze used: 35 SACKSDepths anodes placed: 255', 240', 230', 220', 200', 190', 180', 170', 160', 130'Depths vent pipes placed: 260'Vent pipe perforations: 200'Remarks: gb #1**RECEIVED**
MAY 31 1991
OIL CON. DIV. 1
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

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Drilling Log (Attach Hereto). ☐

Completion Date 8-12-77

Well Name <u>28-6 #65</u> <u>S.J. 28-6 #99</u>		Location <u>NE 24-28-6</u>		CPS No. <u>1167W</u>	
Type & Size Bit Used <u>6 3/4</u>				Work Order No. <u>40212.19</u> <u>54354.19</u>	
Anode Hole Depth <u>1099' - 340' - 324</u>		Total Drilling Rig Time		Total Lbs. Coke Used <u>35 Sacks</u>	
				Lost Circulation Mat'l Used <u>-</u>	
No. Sacks Mud Used <u>-</u>					
Anode Depth	#1 <u>255</u>	#2 <u>240</u>	#3 <u>230</u>	#4 <u>220</u>	#5 <u>200</u>
	#6 <u>190</u>	#7 <u>180</u>	#8 <u>170</u>	#9 <u>160</u>	#10 <u>130</u>
Anode Output (Amps)	#1 <u>3.3</u>	#2 <u>3.2</u>	#3 <u>3.6</u>	#4 <u>3.5</u>	#5 <u>3.1</u>
	#6 <u>3.3</u>	#7 <u>3.9</u>	#8 <u>2.8</u>	#9 <u>2.9</u>	#10 <u>2.8</u>
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 <u>11.6</u>		Amps <u>12.6</u>		Ohms <u>.92</u>
No. 8 C.P. Cable Used			No. 2 C.P. Cable Used		

Remarks: Static #65 = .77 600' SE, #99 - 600' SW = .74

Installed 10 2x2x48 Graphite Anodes

Driller said making water between 85' and 115'. Blew water after 10 minutes. Perforated 200' of 1" PVC Vent Pipe.

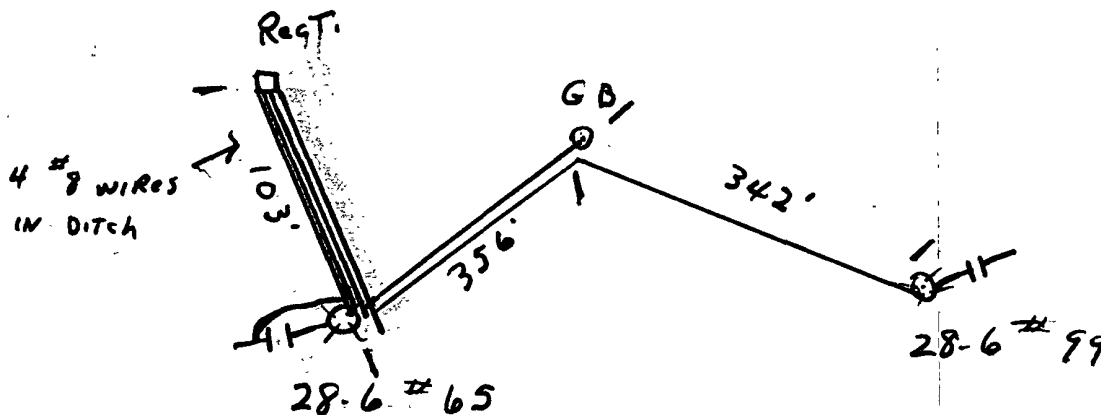
Installed 260' of 1" PVC Vent Pipe. Slurried 35 sack coke #65 marked 1 notch, #99 marked 3 notches

Installed 60V 30A Rect. & Stub Pole

All Construction Completed

Signature: Lorett + Knight
(Signature)

GROUND BED LAYOUT SKETCH



DISTRIBUTION:

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

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El Paso Natural Gas Company
ENGINEERING CALCULATION

Sheet: _____ of _____

Date: 7-17-77

By: _____

File: _____

SAN JUAN 28-6 UNIT #165

40212.19

SAN JUAN 28-6 UNIT #99 - NE 24-28-6 - 1167 W

54354.1

MW		gals/mol
16.04	C1	6.4
30.07	C2	10.12
44.10	C3	10.42
58.12	iC4	12.38
58.12	nC4	11.93
72.15	iC5	13.85
72.15	nC5	13.71
86.18	iC6	15.50
86.18	C6	15.57
100.21	iC7	17.2
100.21	C7	17.46
114.23	C8	19.39
28.05	C2	9.64
42.08	C3	9.67

MW	MISC.	gals/mol
32.00	O2	3.37
28.01	CO	4.19
44.01	CO2	6.38
64.06	SO2	5.50
34.08	H2S	5.17
28.01	N2	4.16
2.02	H2	3.38

STATIC #165 600 SE = .77		DRILLER Said MAKING WATER	
STATIC #99 600 SW = .74		Between 85' and 115'	
60V 30A Rect		Blew water	
STUB Pole		Perforated 200 VENT PIPE	
10 2X2X1/8 GRAPHITE		INSTALLED 260 1" VENT PIPE	
		35 SACKS COKE	
1.00	.90		
	.30	30	.30
10	.30		.40
	.30	30	.30
20	1.1		.30
	1.3	300	.60
30	1.4(10)		.70
	1.1	10	.15
40	.70		.12
	.40	20	1.0
50	.30	TD 324	1.0
	.60	30	
60	1.4(9)		
	1.2	40	
70	1.1(8)		
	1.5		
80	2.0(7)	① 255'	1.6 3.3
	1.6	② 240	1.7 3.2
90	1.5(6)	③ 230	1.9 3.6
	1.7	④ 220	2.0 3.5
200	1.4(5)	⑤ 200	1.8 3.1
	1.0	⑥ 190	1.9 3.3
10	1.1	⑦ 180	2.2 3.9
	1.0	⑧ 170	1.6 2.8
20	1.6(4)	⑨ 160	1.5 2.9
	1.5	⑩ 130	1.6 2.8
30	1.5(3)		
	1.3	11.6 Volts 12.6 Amps.	
40	1.1(2)		
	1.1	.92 Ω	
50	1.0		
	1.3(1)		
60	1.1		
	.60		
70	.60		

DAILY DRILLING REPORT

LEASE			WELL NO. 1167W			CONTRACTOR Al Posey			RIG NO.			REPORT NO.			DATE 8-11-77 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.			
BIT NO.		NO. DC		SIZE	LENG.	BIT NO.		NO. DC		SIZE	LENG.	BIT NO.		NO. DC		SIZE	LENG.
SERI NO.		STANDS				SERI NO.		STANDS				SERI 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			
0	5	Surface				75	80	shale				112	120	Sand Wet (MAKING WATER)			
5	15	sandy				80	84	sandy shale				120	145	shale			
15	25	shale				84	87	sand dry				145	159	sandy shale			
25	40	sand stone				87	97	sand wet				159	162	shale (Started inq)			
40	69	shale				97	100	shale				162	180	sandy shale			
68	75	sandy shale				100	112	sand dry				180	220	Shale			
REMARKS -						REMARKS -						REMARKS -					
						Drilled 340 ft						220-280 sandy shale					
						Logged 324						280-325 shale					
						Total feet 333 ft.						325-335 sandy shale					
												335-340 sand stone					

SIGNED: Toolpusher

____ Company Supervisor