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761

93-30-039-07227

141-30-039-20039

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. 36 Twp 28 Rng 6

Name of Well/Wells or Pipeline Serviced SAN JUAN 28-6 UJIT #141, #93

cps 1071w

Elevation 6334' Completion Date 10/11/76 Total Depth 499' 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: 63 SACKS

Depths anodes placed: 470', 460', 370', 340', 285', 250', 225', 185', 170', 130'

Depths vent pipes placed: N/A

Vent pipe perforations: 422'

Remarks: qb #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.

CATHODIC PROTECTION CONSTRUCTION REPORT DAILY LOG

LOGGED

Drilling Log (Attach Hereto). ☐

Completion Date 10-11-76

Well Name <u>SS 28-6 #141</u> <u>#93</u>		Location <u>SW 36-28-L</u>		CPS No. <u>1071 W</u>	
Type & Size Bit Head <u>6 3/4</u>				Work Order No. <u>54528</u> <u>80001</u>	
Anode Hole Depth <u>Log 499'</u>		Total Drilling Rig Time		Total Lbs. Coke Used <u>63 SACKS</u>	
				Lost Circulation Mat'l Used	
				No. Sacks Mud Used	
Anode Depth					
#1 <u>470</u>	#2 <u>460</u>	#3 <u>370</u>	#4 <u>340</u>	#5 <u>285</u>	#6 <u>260</u>
#7 <u>225</u>	#8 <u>185</u>	#9 <u>170</u>	#10 <u>130</u>		
Anode Output (Amps)					
#1 <u>2.9</u>	#2 <u>2.5</u>	#3 <u>3.3</u>	#4 <u>3.0</u>	#5 <u>2.8</u>	#6 <u>3.3</u>
#7 <u>2.7</u>	#8 <u>3.1</u>	#9 <u>3.7</u>	#10 <u>2.9</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				No. 8 C.P. Cable Used	
Volts <u>11.7</u>		Amps <u>16.1</u>		Ohms <u>0.72</u>	
				No. 2 C.P. Cable Used	

Remarks: DRILLED W/MUD-SILT TO 40' HAD TO MUD UP. DRILLER SAID
WATER SAND AT 100' 63 SACKS SLURRY

VENT PERG 422'

All Construction Completed

C.W. Hines

(Signature)

GROUND BED LAYOUT SKETCH

GB

0

#93

#141

#141

\$2,648.00
715.20 Add'l. Depth
215.00 " Anodes
122.40 " 1 CAB.

3,700.60
148.02 TAX

3,848.62
378.00 COKE
194.50 RECT.
213.40 I.P.
50.00 DISC.

\$4,684.52

DISTRIBUTION:

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

6334

S.J. 28-6 #141
28-6 #93

SW 36-28-6

1071 W
54528
80001

MW gals/mol

18.04	C1	6.4
30.07	C2	10.12
44.10	C3	10.42
58.12	C4	12.38
58.12	nC4	11.93
72.15	C5	13.85
72.15	nC5	13.71
86.18	C6	15.50
86.18	C6	15.57
100.21	C7	17.2
100.21	C7	17.46
114.23	C8	19.39
28.05	C2	9.64
42.08	C3	9.67

50 .7 1.1

85 .8 1.3

60 .8 1.3

65 .8 1.4

70 .8 1.4

75 .8 1.6

80 .8 1.6

85 .8 1.6

90 .6 1.4

95 .6 1.3

MISC

MW	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	.6	1.4	325	.9	DRILLER AND DRILLED
5	.6	1.5	30	1.0	TO 40' IN SILENT HAD TO
10	.7	1.5	35	1.5	MIND WD. WATER SH
15	.6	1.4	40	1.6 x x x	AT 100'
20	.6	1.3	45	1.3	10-11-76
25	.6	1.4	50	1.1	DRILLED TO 320 LOG 318
30	.8	1.8 x	55	1.4	HAD ONE READING OF
35	.7	1.1	60	1.4	1.0 WATER SH
40	.7	1.5	65	1.1 x x	WE THOUGHT IT SHOLD
45	.5	1.1	70	1.8 x	LOG A GOOD HOLE, WE
50	.4	.9	75	1.5 x x	CHECKED ALL CONNECT.
55	.5	.9	80	1.3	AND ONE INSTRUMENT IN
60	.7	1.2	85	1.2	ANOTHER METER. EVE
65	.7	1.4	90	1.1	THING CHECKED OK.
70	1.0	2.1 x	95	1.6	10-12-76
75	.9	2.0 x	100	1.3	DRILLED TO 500' CMT
80	.8	1.8	105	1.1	WERE ABOUT THE SAME A
85	.9	1.8 x	110	1.1	BEFORE LOGGED TO 499'
90	.7	1.6	115	1.2	WE HAD GOOD READING
95	.6	1.2	120	1.3	FROM 50' ALMOST ALL
200	.6	1.1	205	1.0	WAY TO 499'. I DO NOT
5	.7	1.3	210	1.0	KNOW WHY UNLESS IT
10	.7	1.4	215	1.0	WAS IN THE MND OF
15	.8	1.5	220	.9	WATER USED
20	.8	1.5	225	.8	
25	.8	1.1 x	230	1.0	
30	.8	1.6	235	1.4	
35	.8	1.5	240	1.1 x	
40	.7	1.5	245	1.9 x	
45	.6	1.3	250	2.0 x	
50	.7	1.1	255	1.5 x	
55	.9	1.8	260	1.4	
60	.9	1.9 x	265	1.3	
65	.7	1.5	270	1.1	
70	.7	1.4	275	1.0	T.D. 499'
75	.7	1.5	280	1.5 x	
80	.8	1.6	285	1.4	
85	.6	1.6 x	290	1.3	
90	.5	1.1	295	1.1	
95	.5	.9	300	1.0	
300	.5	.9			
5	.5	.9			
10	.4	.9			
15	.4	.8			
20	.4	.8			

16.1 A 11.7 / 0.727

Prof 422'

START COICE 3:18 PM

EL PASO NATURAL GAS COMPANY
DRILLING DEPARTMENT

1071 W DAILY DRILLING REPORT

LEASE S.S. 28-6 WELL NO. 93-141 CONTRACTOR Pokey Drilling RIG NO. REPORT NO. DATE 10-8 1976

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. _____
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.	Time	Wt.	Vis.	Time	Wt.	Vis.	Time	Wt.	Vis.

FROM	TO	TIME BREAKDOWN	FROM	TO	TIME BREAKDOWN	FROM	TO	TIME BREAKDOWN
0	90	Silt						
90	160	Sand						
160	230	Shale						
230	245	Sand						
245	270	Shale						
270	320	Sand						

REMARKS -	REMARKS -	REMARKS -
275 - 320 Shale		
320 - 360 Sandy Shale		Water Sand at 100 ft.
360 - 500 Shale		

SIGNED: Toolpusher _____

Company Supervisor _____