

760

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60-30-03 9 - 07193

DATA 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. 4 Twp 27 Rng 5

Name of Well/Wells or Pipeline Serviced SAN JUAN 27-5 UNIT #60

cps 1070w

Elevation 6715' Completion Date 10/7/76 Total Depth 255' 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. 160'

Depths gas encountered: N/A

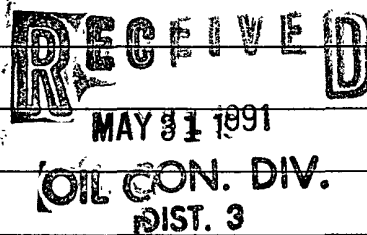
Type & amount of coke breeze used: 42 SACKS

Depths anodes placed: 215', 155', 147', 139', 131', 123', 115', 80', 50', 40'

Depths vent pipes placed: N/A

Vent pipe perforations: 215'

Remarks: qb #1



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

Logged

Drilling Log (Attach Hereto). ☐

Completion Date 10-7-76

Well Name SJ 27-5 # 60				Location NE 4-27-5				CPS No. 1070W			
Type & Size Bit Used 6314								Work Order No. 54067			
Anode Hole Depth Log. 255		Total Drilling Rig Time		Total Lbs. Coke Used 42		Lost Circulation Mat'l Used		No. Sacks Mud Used			
Anode Depth											
# 1 215	# 2 155	# 3 147	# 4 139	# 5 131	# 6 123	# 7 115	# 8 80	# 9 50	# 10 40		
Anode Output (Amps)											
# 1 2.9	# 2 2.3	# 3 2.6	# 4 2.6	# 5 2.7	# 6 2.8	# 7 3.3	# 8 2.3	# 9 3.4	# 10 4.7		
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 11.7		Amps 12.7		Ohms 0.92							

Remarks: Drill to 160' Water Next A.M. at 36'
NOTE - Anodes 2 Thru 7 on 8' Center's -
Vent Perforated 215' -
Slurry 42 Coke

\$ 2,248.50
 - 285.00 Depth
 170.00 Anodes
 44.88 # LEAD CABLE
 194.50 Rectifier

G.B.

GROUND BED LAYOUT SKETCH

All Construction Completed
Danels
 (Signature)

\$ 2,372.88
 94.91

\$ 2,467.79 TAX
 213.40 INSP.
 50.00 MISC.

\$ 2,731.19 TOTAL

☐
 Rect.

6715

$$\begin{array}{r} 215 \\ \times 7 \\ \hline 1505 \end{array}$$

35-.7
40-1.1
45-1.4
50-1.5

1070W - SJ 27-5#60 NE4-27-5 54067

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 ^a	9.64
42.08	C ₃ ^a	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

Drill to 160
wt. Next A.M. at 36'

vent perf. ALL

50	1.1					Dried to 160 wt Next A.M at 36'
	.7					
60	.6					
	.6					
70	.7					
	1.2					
80	1.2					
	.8					
90	.7					
	.7					
100	.6					
	.5					
10	.6					
	1.4					
20	1.5					Vent Perf. ALL
	1.3					
30	1.3					
	1.3					
40	1.2					
	1.3					
50	1.0					
	1.0					
60	.7					
	.6					
70	.5					
	.5					
80	.5					
	.5					
90	.5					
	.7					
200	.7					
	.6					
10	1.2					
	1.4					
20	.9					
	.5					
30	.4					
	.4					
40	.5					
	.5					
50	-					
60	T.D.	255				

DAILY DRILLING REPORT

89-27-7 #60 1070 W
LEASE WELL NO.

CONTRACTOR

RIG NO.

REPORT NO.

DATE 9-7-76 19

Tom O'Brian

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 6 3/4		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
		0-17 S dry			112-117 S Water			210-215 SS + Sh
		17-30 Sh dry			117-142 Sh " "			215-225 Sh
		30-50 S f/wing WTR			142-147 S			225-240 Sh + S
		50-90 Sh Water			147-165 Sh			Ⓢ water standing overnight
		90-95 S " "			165-195 SS			236'
		95-112 Sh			195-210 Sh TR SS + S			

REMARKS -	REMARKS -	REMARKS -
	Air drilled + w/inject foam	Hole logged to 255'
		Hole drilled to 260'
		Top of hole cased in
		8" deep 4" wide

SIGNED: Toolpusher

Company Supervisor