

786

22 - 30-039-07360
67- 30-039-20026

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. 21 Twp 28 Rng 5

Name of Well/Wells or Pipeline Serviced SAN JUAN 28-5 UNIT #67, #22

cps 1066w

Elevation 6654' Completion Date 10/6/76 Total Depth 453' 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. 200'

Depths gas encountered: N/A

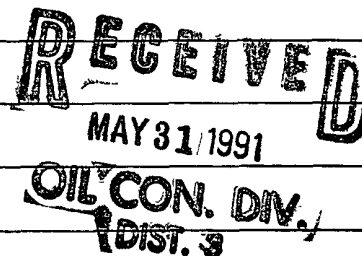
Type & amount of coke breeze used: 45 SACKS

Depths anodes placed: 415', 350', 340', 305', 295', 260', 250', 240', 230', 220'

Depths vent pipes placed: N/A

Vent pipe perforations: 269'

Remarks: gb #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 10-6-76

Well Name S.J. 28-5#67 & #22		Location SW 21-28-5		CPS No. 1066W	
Type & Size Bit Used 6 3/4				Work Order No. 54491 & 53215	
Anode Hole Depth Log 453	Total Drilling Rig Time	Total Lbs. Coke Used 45	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
# 1 415	# 2 350	# 3 340	# 4 305	# 5 295	# 6 260
# 7 250	# 8 240	# 9 230	# 10 220		
Anode Output (Amps)					
# 1 3.5	# 2 3.8	# 3 3.4	# 4 3.9	# 5 4.4	# 6 3.3
# 7 3.9	# 8 4.8	# 9 4.6	# 10 4.0		
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 11.8	Amps 18.2	Ohms 0.64	No. 8 C.P. Cable Used		No. 2 C.P. Cable Used

Remarks: Driller said Blew Mud out at 140 - Blew water out at 200. Start injection - Drill to 460'

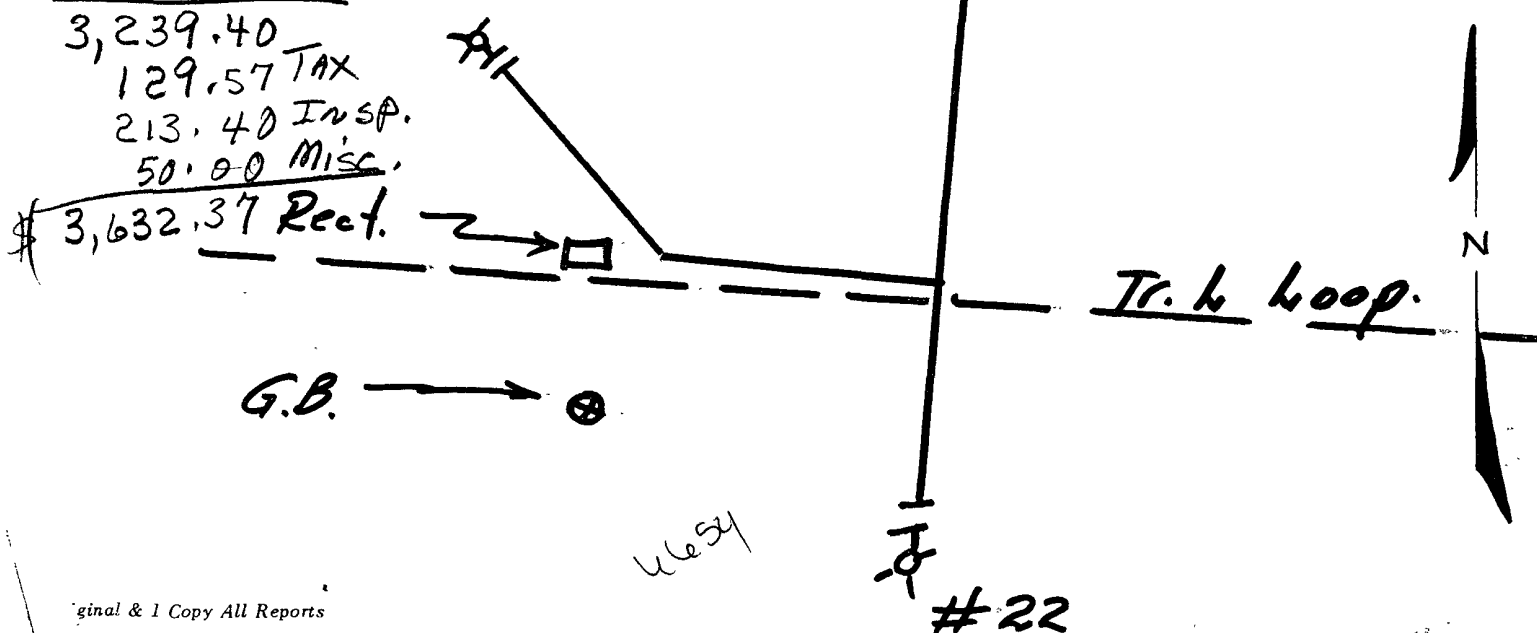
Vent Perforated 269'
Slurry 45 Sacks Cokes

2,248.50
494.40 Depth
170.00 Anode
132.00 Anode Lead Wire
194.50 Rect #67

GROUND BED LAYOUT SKETCH

All Construction Completed

Daniel
(Signature)



1066W SW 21-28-5 - SJ. 28-5 #67 & #22

MW	gals/mol
18.04 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	

90	315	1.2	Blew w/ out at 200 Wct 84-92 Mud at 140			
	20	.6				
100		.7				
	30	1.4				
10		1.5				
	40	1.8				
20		1.9				
	50	1.9				
30		1.6				
	60	1.2				
40		1.2				
	70	1.2				
50		1.3				
	80	1.4				
60		1.2				
	90	1.0				
70	1.6					
	1.6					
	1.6	400	1.2			
80	1.4		1.3			
	.9	10	1.5			
90	.8		1.8			
	.6	20	1.6			
200	.6		1.4			
	.6	30	1.3			
10	.6		1.9			
	1.5	40	.7			
20	2.0		.6			
	1.9	50				
30	2.0		453	ID		
	2.5	60		TD		
40	2.4					
	2.2	70				
50	2.0					
	1.4					
60	1.7		11.77	U		
	1.2		18.2	A		
70	1.4					
	.9					
80	1.6					
	1.6					
90	1.8					
	2.0					
300	1.9					
	1.9					
10	1.6					

Vent Perf 269'

ID
TD11.77 U
18.2 A

.645 CR

1	4.15	2.1	- 3.5
2	3.50	2.8	- 3.8
3	3.40	2.5	- 3.4
4	3.05	2.6	- 3.9
5	2.95	3.2	- 4.4
6	2.60	2.3	- 3.3
7	2.50	2.9	- 3.9
8	2.40	3.3	- 4.8
9	2.30	3.2	- 4.6
10	2.20	2.9	- 4.0

1066 w

EL PASO NATURAL GAS COMPANY

DRILLING DEPARTMENT

Lom O Briant

#1

DAILY DRILLING REPORT

LEASE			WELL NO.			CONTRACTOR			RIG NO.			REPORT NO.			DATE			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.												
SER. NO.		STANDS				SER. NO.		STANDS				SER. 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		
REMARKS -						REMARKS -						REMARKS -														
0-43 S damp						270 S w/ sh streaks						Hole drilled to 460'														
43-84 sh						could not distinguish separations						Hole logged to 448'														
84-92 S wet						w/ heavy injection																				
92-125 sh																										
125-170 S mud @ 140'																										
170-190 sh																										
190-210 - S wet meet																										
210-270 sh																										

SIGNED: Toolpusher

____ Company Supervisor