

873

#2 30-039-07406

E

#91 30-039-20635

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. 14 Twp 28 Rng 5

Name of Well/Wells or Pipeline Serviced SAN JUAN 28-5 UNIT #2, #91

cps 1113w

Elevation 6860' Completion Date 10/5/77 Total Depth 479' 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. 175'

Depths gas encountered: N/A

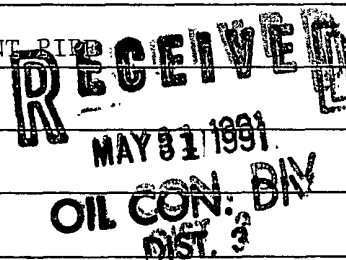
Type & amount of coke breeze used: 46 SACKS

Depths anodes placed: 410', 400', 390', 300', 290', 280', 250', 230', 220', 210'

Depths vent pipes placed: 420' OF 1" PVC VENT PIPE

Vent pipe perforations: 240'

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

Drilling Log (Attach Hereto). ☐

Completion Date 10-5-77

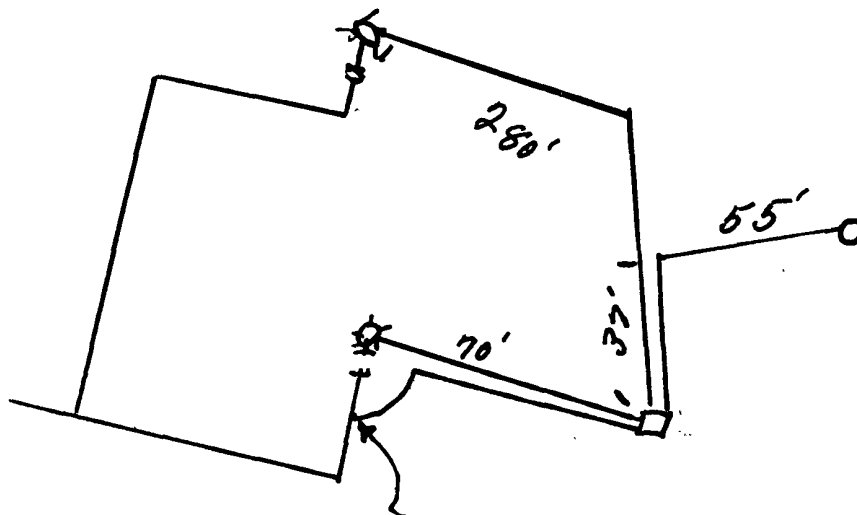
Well Name SAN JUAN 28-5 Unit #2 & #91		Location SW 14-28-5		CPS No. 1113 W	
Type & Size Bit Used 6 3/4"				Work Order No. #2 = 58403.19 #91 = 55418.19	
Anode Hole Depth 479 Logged 434	Total Drilling Rig Time	Total Lbs. Coke Used 46	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
# 1 410	# 2 400	# 3 390	# 4 300	# 5 290	# 6 280
# 7 250	# 8 230	# 9 220	# 10 210		
Anode Output (Amps)					
# 1 3.6	# 2 4.1	# 3 3.3	# 4 2.5	# 5 3.0	# 6 2.3
# 7 2.5	# 8 2.6	# 9 3.5	# 10 2.6		
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 11.2	Amps 13.6	Ohms 0.82			No. 2 C.P. Cable Used

Remarks: Static #2 600' NE = 0.58 Static #91 600' E = 0.50
Installed 10-2"x2"x48" Graphite Anodes. Driller said MAKING
Water @ 175'. Drilled to 180' next A.M. blew water. Perforated 240'
of 1" PVC Vent Pipe. Installed 420' of 1" PVC Vent Pipe. Slurried
46 SACKS of COKE. #2 MARKED 1 notch & #91 MARKED 3 notches
Installed 60V 30A Rectifier.

All Construction Completed

W J Lutz
(Signature)

GROUND BED LAYOUT SKETCH



DISTRIBUTION:

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

Flow line
neg. bonded
to De Hy outlet

logged

SPAN JUAN 28-5 41.1 - 93
SPAN JUAN 28-5 41.1 - 91

SW 14-28-5

1113 ✓

52403.19

55-418.79

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 ₈ ²⁻	9.64
42.08	C ₃ ²⁻	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

[illegible]

EL PASO NATURAL GAS COMPANY
DRILLING DEPARTMENT

DAILY DRILLING REPORT

LEASE		WELL NO. 1113W		CONTRACTOR POSEY DRILLING CO.		RIG NO.		REPORT NO.		DATE Oct 4		1977			
MORNING					DAYLIGHT					EVENING					
Driller Total Men In Crew					Driller ALBERT L. POSEY 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.	
SERIAL NO.		STANDS		SINGLES		DOWN ON KELLY		BIT NO.		NO. DC		SIZE		LENG.	
SIZE		SINGLES		DOWN ON KELLY		TYPE		SERIAL NO.		STANDS		SINGLES		DOWN ON KELLY	
TYPE		DOWN ON KELLY		MAKE		TOTAL DEPTH		BIT NO.		NO. DC		SIZE		LENG.	
MAKE		TOTAL DEPTH		SERIAL NO.		STANDS		SIZE		SINGLES		DOWN ON KELLY		TYPE	
MUD RECORD		MUD, ADDITIVES USED AND RECEIVED		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.	
FROM	TO	TIME BREAKDOWN			FROM	TO	TIME BREAKDOWN			FROM	TO	TIME BREAKDOWN			
0	15	SURFACE			150	160	SHALE			289	340	Red SHALE			
15	35	SANDSTONE			160	179	SAND WET (MAKING WATER)			340	380	BLUE SHALE			
35	95	SHALE			179	187	SHALE			380	435	Shale			
95	112	SANDSTONE			187	215	SANDY SHALE			380	435	Sand WET			
112	145	SHALE			215	275	SHALE			435	479	Shale			
145	150	WET SAND			275	289	SANDY SHALE								
REMARKS -				REMARKS -				REMARKS -				REMARKS -			
								Drilled 479 479							
								Logged 439							
												456			
												Total Depth			