

798 5A-30-045-21979

8

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO
(Submit 3 copies to OCD Aztec Office)

Operator MERIDIAN OIL Location: Unit NW Sec. 36 Twp 30 Rng 8

Name of Well/Wells or Pipeline Serviced EPNG COM D #5A

cps 1093w

Elevation 6040' Completion Date 6/7/77 Total Depth 485' 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. 90'

Depths gas encountered: N/a

Type & amount of coke breeze used: 70 SACKS

Depths anodes placed: 470', 460', 445', 435', 425', 380', 370', 360', 350', 210'

Depths vent pipes placed: 475'

Vent pipe perforations: 360'

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 6-7-77

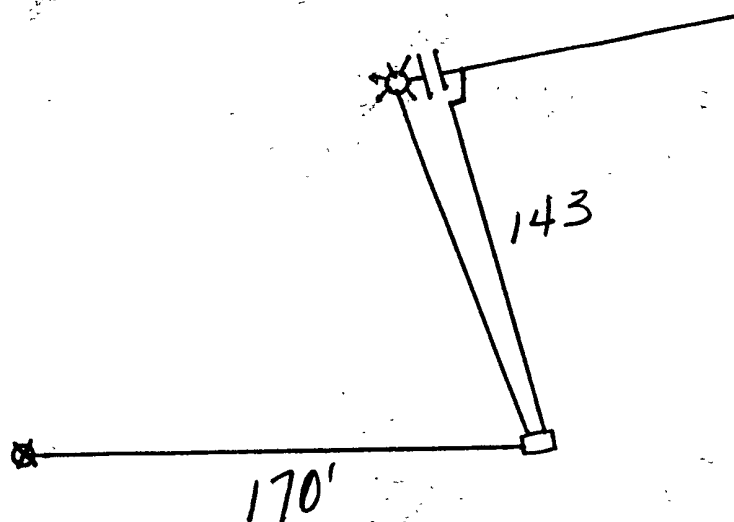
Well Name EPNG COM. D#5A		Location NW 36-30-8		CPS No. 1093W	
Type & Size Bit Used 63/4				Work Order No. 57094	
Anode Hole Depth Log 485	Total Drilling Rig Time	Total Lbs. Coke Used 70	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
# 1 470	# 2 460	# 3 445	# 4 435	# 5 425	# 6 380
# 7 370	# 8 360	# 9 350	# 10 210		
Anode Output (Amps)					
# 1 2.3	# 2 2.1	# 3 2.8	# 4 3.2	# 5 4.0	# 6 3.8
# 7 3.9	# 8 3.5	# 9 3.2	# 10 2.8		
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 15.1	Ohms 0.78	No. 8 C.P. Cable Used	No. 2 C.P. Cable Used	

Remarks: STATIC .80, 600' NORTH. DRILL 360 & LOG- Not Enough.
DRILL 460, WATER NEXT A.M AT 90, LOG-
DRILL TO 500- LOG 485
VENT TO 475, PERFORATED 360'
SLURRY TO COKE

All Construction Completed

Amels
(Signature)

GROUND BED LAYOUT SKETCH



DISTRIBUTION:

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

6040'

EL PASO NATURAL GAS COMPANY

DRILLING DEPARTMENT

DAILY DRILLING REPORT

LEASE		WELL NO. 1093W		CONTRACTOR O'Briant		RIG NO.		REPORT NO.		DATE 6-7-77		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.	
0	28	Sandstone			175	185	Shale Sandstone			310	350	Sch. sk.			
28	30	Shale			185	195	Shale			350	300	Shale w/ sandstone			
30	114	Sandstone water			195	230	Sandstone								
114	125	Shale			230	245	Shale								
125	170	Sandstone	SIZE	LENG.	245	310	Sandstone	SIZE	LENG.				NO. DC	SIZE	LENG.
BIT 1 1/2	175	Sandy shale	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.			
FROM	TO	TIME BREAKDOWN			FROM	TO	TIME BREAKDOWN			FROM	TO	TIME BREAKDOWN			
							Drilled 500 ft								
							Logged 485								
							6 3/4 hole								
REMARKS -					REMARKS -					REMARKS -					
					O'Briant										

SIGNED: Toolpusher

Company Supervisor

E PNG Com D #5A-

6-6-77

1093W

MW	gals/mol
16	C ₁ 6.4
30	C ₂ 10.12
44	C ₃ 10.42
58	IC ₄ 12.38
72	HC ₄ 11.93
86	IC ₅ 13.85
100	HC ₅ 13.71
114	IC ₆ 15.50
128	HC ₆ 15.57
142	IC ₇ 17.2
156	HC ₇ 17.46
170	IC ₈ 19.2
184	HC ₈ 19.64
198	IC ₉ 21.4
212	HC ₉ 21.67

MW	MISC	gals/mol
44	CO ₂	6.18
44	H ₂ O	5.17
28	N ₂	4.16
2	H ₂	3.38

100	1.0	-	280	.6	Drilled 360
	.6			.6	Log -
10	.4		90	.6	Drill 460
	.4			.5	Wt Next Ann + 90
20	.4		300	.5	1st Perf 360
	.4			.6	70 Coke
30	.4		10	1.2 - 9	60 1.16 -
	.5			.9	1.17
40	.4		20	.5	70 1.51 -
	.6			.5	1.77
50	.4		30	.5	80 1.31
	.4			.4	485 TD
60	.4		40	.4	90
	.7			.4	500
70	.6		50	53TD 1.4	
	.4			1.4	
80	.2		60	1.7	
	.2			1.7	
90	.2		70	1.9	
	.2			1.8	
200	.3		80	1.8	1 470 174 2.3
	.9			1.2	2 460 124 2.1
10	1.5		90	.7	3 445 140 2.8
	1.4			.3	4 435 176 3.2
20	.8		400	.6	5 425 227 4.1
	.8			1.0	6 380 221 3.8
30	.4		10	.8	7 370 230 3.5
	.4			1.3	8 360 193 3.5
40	.5		20	2.2	9 350 143 3.2
	.4			2.2	10 210 167 2.8
50	.4		30	1.6	11 1.9
	.4			1.6	12 1.66
60	.4		40	2.0	13 1.80
	.4			1.34	14 1.51
70	.5		50	.84	15 1.7
	.4			.94	16 1.23
					17 1.08