

3A = 30-045-22713
4 = 30-045-20493
5 = 30-045-23975
202 = 30-045-26987

5016

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. 18 Twp 29 Rng 8

Name of Well/Wells or Pipeline Serviced DAY #3A, #4, #5, #202

cps 1329w

Elevation 6388' Completion Date 5/14/79 Total Depth 680' 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. NO WATER

Depths gas encountered: N/A

Type & amount of coke breeze used: 54 SACKS

Depths anodes placed: 620', 610', 600', 580', 570', 560', 550', 540', 530', 495'

Depths vent pipes placed: 640'

Vent pipe perforations: 320'

Remarks: gb #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.

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

ing Log (Attach Hereto). ☐

Completion Date 5-14-79

Well Name Day #3A, #4 And #5			Location NW 18-29-8			CPS No. 1329W			
Type & Size Bit Used 6 3/4"			2x60" Duriron			Work Order No. 57272.21-54679.19+54680.19			
Anode Hole Depth 680-652 TO		Total Drilling Rig Time		Total Lbs. Coke Used 54 sacks		Lost Circulation Mat'l Used			
Anode Depth		Anode Output (Amps)		Anode Depth		Anode Output (Amps)		Total Circuit Resistance	
# 1	620	# 2	610	# 3	600	# 4	580	# 5	570
# 1	1.8	# 2	1.9	# 3	1.9	# 4	1.5	# 5	1.6
# 6	560	# 7	550	# 8	540	# 9	530	# 10	495
# 6	1.6	# 7	3.0	# 8	1.7	# 9	1.5	# 10	1.5
# 11		# 12		# 13		# 14		# 15	
# 11		# 12		# 13		# 14		# 15	
Volts		Amps		Ohms		No. 8 C.P. Cable Used		No. 2 C.P. Cable Used	
11.6		7.6		1.5					

Remarks: STATIC %s #3A = .76 #4 = .70 #5 = .69

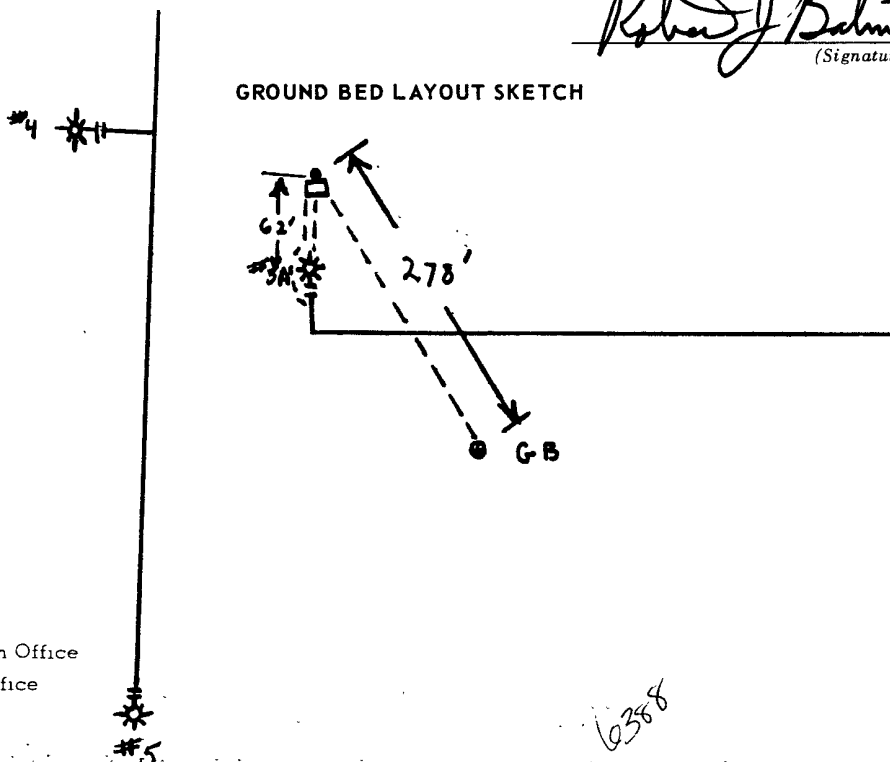
Drilled to 680' (4 3/4") NO WATER. Reamed to 660' (6 3/4") Logged 652
VERY LITTLE shale in hole. Had trouble getting
COKE AROUND #4 ANODE

Ditch + cable = 340
EXTRA cable = 62
Hole depth = +152
Stub pole
400 IBA Rect

All Construction Completed

Robert J. Bahrick
(Signature)

GROUND BED LAYOUT SKETCH



DISTRIBUTION:

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

6368

EL PASO NATURAL GAS COMPANY
DRILLING DEPARTMENT

DAILY DRILLING REPORT

1329W Day 3A
LEASE WELL NO. CONTRACTOR RIG NO. #1 REPORT NO. DATE 5/14 1979

MORNING

DAYLIGHT

EVENING

Driller Brian Bunge Total Men In Crew 1					Driller Brian Bunge Total Men In Crew 3					Driller Brian Bunge Total Men In Crew 5				
FROM	TO	FORMATION	WT-BIT	R.P.M.	FROM	TO	FORMATION	WT-BIT	R.P.M.	FROM	TO	FORMATION	WT-BIT	R.P.M.
0-00	20	surface	4 3/4		200	220	sand	4 3/4		315	350	sandy shale	4 3/4	
20	120	sand	4 3/4		215	230	sandy shale			355	425	sand - sandstone		
120	180	sandstone			235	260	sandstone			430	480	sandstone		
180	200	sand			260	310	sand			480	680	sandy shale		

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.
2 sacks lime																	
2 sacks cedar fiber																	
2 sacks cotton seed hulls																	
12 sacks gel																	

FROM	TO	TIME BREAKDOWN	FROM	TO	TIME BREAKDOWN	FROM	TO	TIME BREAKDOWN

REMARKS -	REMARKS -	REMARKS -
Reamed 6 3/4 to 660 drilled 660 4 3/4 most of hole was sandstone & sand waited about 3 hrs to 5 hrs for water (no water) logged 652"		

SIGNED: Toolpusher

Company Supervisor

El Paso Natural Gas Company
ENGINEERING CALCULATION

Sheet: 1 of 1
Date: 5-9-79
By: RDB
File: 1329W

DAY #3A NW 18-29-8
DAY #4
DAY #5

57272.21 ST% = .76 NE u=OK
54679.19 ST% = .70 W (105B)
54680.19 ST% = .69 S u=OK

5-9-79 4 hrs
5-10-79 6 hrs
5-11-79 6 hrs
5-14-79 8 hrs Reg 4

MW		gals/mol
16.04	C1	6.4
30.07	C2	10.12
44.10	C3	10.42
58.12	iC4	12.38
58.12	nC4	11.93
72.15	iC5	13.85
72.15	nC5	13.71
86.18	iC6	15.50
86.18	C6	15.57
100.21	iC7	17.2
100.21	C7	17.46
114.23	C8	19.39
28.05	C2	9.64
42.08	C3	9.67

MW	MISC.	gals/mol
32.00	O2	3.37
28.01	CO	4.19
44.01	CO2	6.38
64.06	SO2	5.50
34.08	H2S	5.17
28.01	N2	4.16
2.02	H2	3.38

200	1.1	400	.6	600	1.4 - 3	NO WATER
05	.8	5	.6	05	1.3	DRILLED 680'
210	.7	10	.6	10	1.3 - 2	INST 640' VENT
15	.7	15	.7	15	1.3	320' PERF
20	1.1	20	.7	20	1.3 - 1	DRILLED 4 3/4"
25	1.2	25	.9	25	1.5	Reamed to 6 3/4"
30	1.0	30	1.0	30	1.6	Trouble getting #4
35	.8	35	1.0	35	1.7	TO Respond
40	.8	40	.9	40		STUB Pole
45	.8	45	.9	45		40 V 16 A Rect
50	1.3	50	.9	50	652 TD	Pitch + Cable = 340
55	1.3	55	.9			EXTRA CABLE = 62
60	1.3	60	.9			2 X 60 DURIOR
65	.7	65	.9			55 Bags of Coke
70	.6	70	.9			
75	.6	75	.9			
80	.6	80	.9			
85	.6	85	1.1			
90	1.0	90	1.0			
95	.8	95	1.0 - 1.0			
300	.7	500	.9			
05	.7	5	.9			
10	.7	10	.9			
15	1.0	15	.9			
20	1.4	20	.9			
25	1.4	25	1.0			
30	1.3	30	1.0 - 9			
35	1.3	35	1.8			
40	1.3	40	2.0 - 8			
45	1.3	45	1.4			
50	1.2	50	1.3 - 7			
55	.9	55	1.3 - 6			
60	.7	60	1.3			
65	.7	65	1.3			
70	.7	70	1.3 - 5			
75	.7	75	1.2			
80	.6	80	1.2 - 4			
85	.6	85	.9			
90	.6	90	.9			
95	.6	95	1.4			

- ① 620' - 1.0 - 1.7 - 1.8
- ② 610' - 1.2 - 1.8 - 1.9
- ③ 600' - 1.2 - 1.8 - 1.9
- ④ 580' - 1.2 - 1.28 - 1.5
- ⑤ 570' - 1.2 - 1.6 - 1.6
- ⑥ 560' - 1.0 - 1.6 - 1.6
- ⑦ 550' - 2.1 - 3.0 - 3.0
- ⑧ 540' - 1.0 - 1.7 - 1.7
- ⑨ 530' - 1.0 - 1.4 - 1.5
- ⑩ 495' - 1.0 - 1.4 - 1.5

$$11.6 \text{ V } 7.6 \text{ A} = 1.5 \text{ ohms}$$

$$\begin{array}{r} 1.5 \\ 7.6 \overline{) 11.6} \\ \underline{52} \\ 64 \\ \underline{60} \\ 40 \\ \underline{38} \\ 20 \end{array}$$

SAN JUAN DIVISION LABORATORY

ANALYSIS NO. 1-9230

DATE COMPLETED 7-6-78

WELL NAME	LOCATION S T R	DATE SECURED	GAL./ DAY	PPM T.D.S.	pH	PPM CHLORIDES	PPM SULFAT
Jones A #1A MV	10-28-8	6-20	24	7452	7.0	4320	7840
Jones A #1A PC	10-28-8	6-20	1	39	6.8	13	1000
Lughes #4A 1345W	20-29-8	6-20	54	6858	7.2	4830	1280
Day A #5A 1332W	18-29-8	6-20	38	7632	7.1	6320	2500
Day #1A 1328W	17-29-8	6-20	80	6670	7.4	6390	500
Day A #1A 1330W	17-29-8	6-20	106	7527	7.4	7170	1000
Day #3A 1329W	18-29-8	6-20	42	6913	6.7	7170	1000
Day A #2A	7-29-8	6-20	96	5887	7.6	6320	64
1 Paso #1A	20-29-9	6-17	8	9493	6.8	6745	7080
Ansfield #2A 1241W	19-30-9	6-19		1019	7.3	24	1520
Wigley #1A 1275W	6-30-9	6-19		430	7.1	20	600
Lorance #2A 1220W	21-30-9	6-19		1373	7.3	16	2520
San Juan #11A 1252W	11-30-10	6-19		636	6.4	24	800
San Ray A #1A 1263W	15-30-10	6-19		210	6.2	8	600
Atlantic D Com #5A 1209W	12-30-10	6-19		1493	6.6	16	3000
Bernaghan #4A 1237W	30-31-8	6-19		432	7.3	12	600
Bernaghan #2A 1235W	28-31-8	6-19		190	7.2	16	680
Bernaghan #1A 1234W	33-31-8	6-19		571	6.9	32	800
Walker 1A 1271W	31-31-9	6-19		1664	7.0	32	3520
Atlantic A #8A 1199W	29-31-10	6-19		2637	7.1	152	5560
Atlantic "C" 4A 1200W	31-31-10	6-19		6720	7.7	504	9800
Cott #4A 1258W	17-31-10	6-19		4506	7.0	186	7760
Brookhaven Com A-1 1212W	16-31-10	6-19		3979	6.7	270	6920