

1227

E

30-039-21942

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

Operator MERIDIAN OIL Location: Unit SE Sec. 28 Twp 30 Rng 6

Name of Well/Wells or Pipeline Serviced SAN JUAN 30-6 UNIT #59A

cps 1482w

Elevation 6378' Completion Date 7/16/80 Total Depth 420' 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. DAMP AT 140', 160' & 240'

Depths gas encountered: 395'

Type & amount of coke breeze used: 5000 lbs.

Depths anodes placed: 370', 345', 335', 295', 285', 275', 265', 235', 225', 215'

Depths vent pipes placed: 420'

Vent pipe perforations: 260'

Remarks: gb #1

RECEIVED
MAY 31 1981
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

Drilling Log (Attach Hereto). ☐

2" x 60" DURI-ROD

Completion Date 7-16-80

Well Name S.J. 30-6 #59A		Location SE 28-30-6		CPS No. 1482 W	
Type & Size Bit Used 6 3/4				Work Order No. 57579.21	
Anode Hole Depth 420 (Log = 415)	Total Drilling Rig Time	Total Lbs. Coke Used 5000	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth	# 1 370	# 2 345	# 3 335	# 4 295	# 5 285
	# 6 275	# 7 265	# 8 235	# 9 225	# 10 215
Anode Output (Amps)	# 1 3.0	# 2 3.1	# 3 2.6	# 4 3.3	# 5 3.7
	# 6 4.0	# 7 3.3	# 8 4.1	# 9 4.3	# 10 3.9
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 11.9		Amps 17.5		Ohms .68
		No. 8 C.P. Cable Used		No. 2 C.P. Cable Used	

Remarks: STATIC % CO₂ = .98 UNION-FL NOT YET LAID DRILLER SAID DAMP AT 140' WATER AT 160' DAMP AT 240' HIT GAS AT 395' WATER SAMPLE WOULD NOT SEPARATE DRILLED TO 420 LOGGED 415 INST 420' OF VENT PIPE WITH 260' PERF. SLURRIED 50 SACKS OF COKE. HOLE MADE WATER TO TOP OF HOLE WHILE LOADING.

10 FT STUB POLE
40V 16A RECT
JET BOX
DITCH CABLE = 168
CYTRA CABLE = 123
Hole depth = -85

All Construction Completed

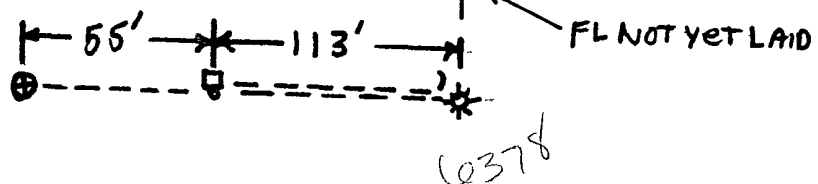
Robert J. Belnick
(Signature)

GROUND BED LAYOUT SKETCH

Time	Reg	O.T.
7-16-80	8	3

DISTRIBUTION:

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



N

San Juan 30-6 # 59A

Three C Drilling
CONTRACTOR

2
RIG NO.

CPS 1482 W DAILY DRILLING REPORT

LEASE SF 28-30-1 WELL NO. _____

CONTRACTOR

REPORT NO. 57579-21 DATE July 16 1980

MORNING

DAYLIGHT

EVENING

Driller	Kevin Dunge		
FROM		TO	

Total Men In Crew 5

Driller

Total Men In Crew

Driller

Total Men In Crew

[illegible]

	NO. DC ____ SIZE ____ LENG. ____		NO. DC ____ SIZE ____ LENG. ____		NO. DC ____ SIZE ____ LENG. ____
BIT NO. ____	NO. DC ____ SIZE ____ LENG. ____	BIT NO. ____	NO. DC ____ SIZE ____ LENG. ____	BIT NO. ____	NO. DC ____ SIZE ____ LENG. ____
SER. NO. ____	STANDS	SERIAL NO. ____	STANDS	SERIAL NO. ____	STANDS
SIZE <i>6 3/4</i>	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

[illegible][illegible]

REMARKS - Water was at 160' dump at 240. It was making gas at 395. logged 415

REMARKS -

REMARKS -

SIGNED: Toolpusher

Kevin Burger

____ Company Supervisor

El Paso Natural Gas Company
ENGINEERING CALCULATIONSheet: 1 of 1
Date: 7-16-80
By: RLB
File: 1482aSS.30-6 #59A SE28-30-6 1482-W
57579-21
STATIC %s 600'E = .96 UNION-NONE FL NOT LAID

7-16-80 - Reg 30+

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	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

160	2.3	360	1.1
	2.2		1.8
70	2.0	70	1.9 - 1
	2.1		1.2
80	2.3	80	.6
	2.5		.4
90	1.9	90	1.3
	1.7		1.5
200	1.6	400	1.5
	2.5		-
10	2.3	10	-
	2.3 - 10		- 4/5
20	2.4	20	-
	2.4 - 9		-
30	2.4		-
	2.2 - 8		-
40	1.6		-
	1.4		-
50	1.1		-
	.7		-
60	1.9		-
	2.6 - 7		-
70	2.5		-
	2.1 - 6		-
80	2.4		-
	2.2 - 5		-
90	2.1		-
	1.7 - 4		-
300	1.5		-
	1.0		-
10	1.1		-
	.7		-
20	.9		-
	1.4		-
30	1.4		-
	1.7 - 3		-
40	1.6		-
	2.0 - 2		-
50	1.6		-
	1.2		-

DRILLER SAID DAMPAT 140' WATER
AT 160' DAMPAT 240' HIT GAS
AT 395' WATER SAMPLE
WOULD NOT SEPERATE
DRILLED 420' LOGGED 415'
INST 420' UENT PIPE WITH
260' PERFORATED SLURRED

- ① 370 - 2.0 - 3.0
- ② 345 - 1.9 - 3.1
- ③ 335 - 1.6 - 2.6
- ④ 295 - 2.0 - 3.3
- ⑤ 285 - 2.2 - 3.7
- ⑥ 275 - 2.4 - 4.0
- ⑦ 265 - 1.8 - 3.3
- ⑧ 235 - 2.4 - 4.1
- ⑨ 225 - 2.5 - 4.3
- ⑩ 215 - 2.3 - 3.9

$$11.9 \text{ V } 17.5 \text{ A} = .68 \text{ ohms}$$