

30-039-21627

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. 9 Twp 29 Rng 7

Name of Well/Wells or Pipeline Serviced SAN JUAN 29-7 UNIT #35A

cps 1400w

Elevation 6165' Completion Date 9/22/79 Total Depth 400' Land Type* N/A

Casing, Sizes, Types & Depths 120' OF CASING IN HOLE #1

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. SOMEWHERE ABOVE 120'

Depths gas encountered: N/A

Type & amount of coke breeze used: 53 SACKS

Depths anodes placed: 240', 230', 215', 205', 190', 180', 170', 160', 150', 140'

Depths vent pipes placed: 260'

Vent pipe perforations: 200'

Remarks: gb #1 LOST CIRCULATION ON 1ST HOLE (180').

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

CONTRACT #2

Drilling Log (Attach Hereto) ☐

(2" X 60" Duration)

Completion Date 9/22/79

Well Name S.J. 29-7 35A		Location SE 9-29-7		CPS No. 1400 W	
Type & Size Bit Used 6 3/4"				Work Order No. 573 44-21	
Anode Hole Depth 400 T.D. 400'	Total Drilling Rig Time	Total lbs. Coke Used 53 SACKS	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth	# 1 240'	# 2 230'	# 3 215'	# 4 205'	# 5 190'
	# 6 180'	# 7 170'	# 8 150'	# 9 150'	# 10 140'
Anode Output (Amps)	# 1 2.2	# 2 2.3	# 3 2.2	# 4 3.4	# 5 2.1
	# 6 2.9	# 7 3.5	# 8 4.4	# 9 3.9	# 10 3.0
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 11.7 V		Amps 11.8 A		Ohms .99 Ω
			No. 8 C.P. Cable Used		No. 2 C.P. Cable Used

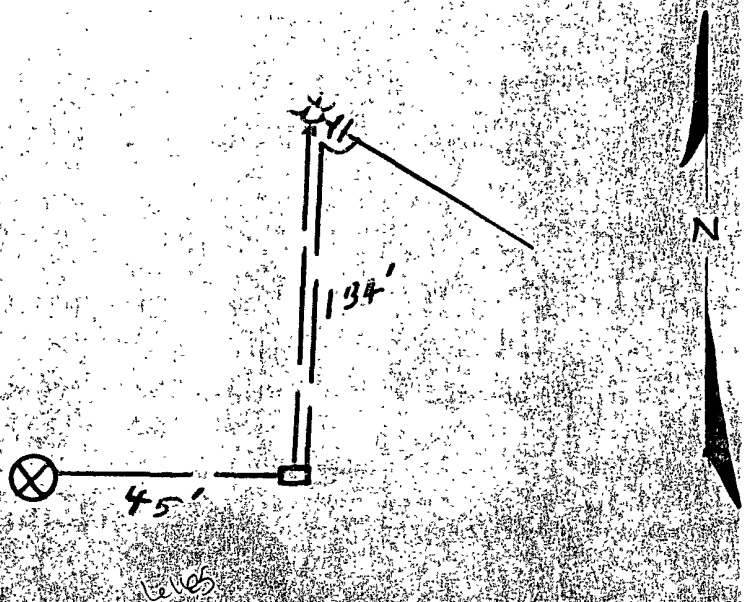
Remarks: STATIC 600' w = .90 V Driller said WATER somewhere ABOVE 120'. HAD TO INS. To set 120' of casing, could NOT BLOW Hole Dry. HAD To inject To DRILL, DRILLED BACK INTO SAND + SILT DRILLED To 180', Lost circulation. MOVED over 100' STARTED New Hole with Mud. Lost circulation AT 40', DRILLED To 380', Hole HAD Filled up Next A.M. To 200'. CLEANED Hole & DRILLED To 400'. Logged 400', INSTALLED 260' of 1" P.V.C. VENT Pipe Perforated 200'.
All Construction Completed

JE Roth
(Signature)

GROUND BED LAYOUT SKETCH

Ditch & 1 cable = 174'
extra cable = 154'
Hole Depth = -100'
20 meter Loop Pole
40V 16A Rect.

(8 Hr. Rig Time)
for setting surface
casing



DISTRIBUTION:

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

DAILY DRILLING REPORT

Dr. 1400 w

LEASE WELL NO. CONTRACTOR *Rossy* RIG NO. REPORT NO. DATE *9-22* 19 *79*

MORNING

DAYLIGHT

EVENING

Total Men In Crew				Total Men In Crew				Total Men In Crew			
Driller		FROM	TO	WT-BIT	R.P.M.	Driller		FROM	TO	WT-BIT	R.P.M.

BIT NO. SERIAL NO. SIZE TYPE MAKE	NO. DC		SIZE	LENG.	NO. DC		SIZE	LENG.	NO. DC		SIZE	LENG.
	NO. DC		SIZE	LENG.	NO. DC		SIZE	LENG.	NO. DC		SIZE	LENG.
	STANDS		SINGLES		STANDS		SINGLES		STANDS		SINGLES	
	DOWN ON KELLY		TOTAL DEPTH		DOWN ON KELLY		TOTAL DEPTH		DOWN ON KELLY		TOTAL DEPTH	

MUD, ADDITIVES USED AND RECEIVED				MUD, ADDITIVES USED AND RECEIVED				MUD, ADDITIVES USED AND RECEIVED			
Time		Wt.	Vis.	Time		Wt.	Vis.	Time		Wt.	Vis.

TIME BREAKDOWN				TIME BREAKDOWN				TIME BREAKDOWN			
FROM	TO	TIME	TIME	FROM	TO	TIME	TIME	FROM	TO	TIME	TIME
0110	1100	100	100								
1100	1200	100	100								
1200	1300	100	100								
1300	1400	100	100								

REMARKS -				REMARKS -				REMARKS -			
Drilled with Third				Drilled with Third				8th Casing Hole			
								Water App 120 ft 1-290			

SIGNED: Toolpusher *Rossy* Company Supervisor *Jeff Murphree*

El Paso Natural Gas Company
ENGINEERING CALCULATION

Sheet: _____ of _____
Date: _____
By: _____
File: _____

S.J. 29-7 35A

CPS 1400 W

SE 9-29-7

W.O. 57344-21

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

120 - 1.5 30 - .6
1.5
30 - 1.7 40 - .7
1.9 -
40 - 1.8 - ⑩ 50 - 1.2 -
1.8 -
50 - 2.1 - ⑨ 60 - .6
2.5 -
60 - 2.7 - ⑧ 70 - .7
2.8 -
70 - 2.1 - ⑦ 80 - 1.0
1.9 -
80 - 2.0 - ⑥ 90 - 1.9
1.8 -

90 - 1.5 - ⑤ 400 - Drilled To & T.D.

1.3 -
200 - 1.2
2.7 - ④
10 - 2.2
1.6 - ③
20 - 1.1
.8
30 - 1.5 - ②
1.8 -

40 - 1.5 - ①

1.2 -

50 - 1.0

.8

60 - .9

.7

70 - 1.1

1.1 -

80 - 1.8

.6

90 - .6

.6

300 - .7

.8

10 - .6

.7

20 - .7

.8

DRILLER SAID WATER somewhere
ABOVE 120'. SET 120' of 8"
CASEING, COULD NOT BLOW HOLE
DRY, STARTED INJ, DRILLED BACK
INTO SAND & SILT, DRILLED TO
180', LOST CIRCULATION, MOVED
OVER 100', STARTED NEW HOLE
WITH MUD, LOST CIRCULATION AT
40', DRILLED TO 380', HOLE HAD
FILLED UP NEXT A.M TO 200'.
CLEANED HOLE & DRILLED TO
400'. LOGGED 400'. INSTALLED
260' of 1" P.V.C VENT PIPE
PERFORATED 200'.

8 Hr. Rig Time
for SETTING CASEIN.

9/22/79 JS

11.7 V, 11.8 A = .99 Ω

1 - 240 - 1.6 - 2.2

2 - 230 - 1.7 - 2.3

3 - 215 - 1.6 - 2.2

4 - 205 - 2.7 - 3.4

5 - 190 - 1.5 - 2.1

6 - 180 - 2.0 - 2.9

7 - 170 - 2.1 - 3.5

8 - 160 - 2.9 - 4.4

9 - 150 - 2.2 - 3.9

10 - 140 - 1.8 - 3.0

27 N/2

ST. O.T.
20 8 - 1
21 8 - 2
22 0 - 8

16 - 11