

959

E

30-039-21670

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. 32 Twp 30 Rng 6
Name of Well/Wells or Pipeline Serviced AN JUAN 30-6 UNIT #13A
cps 1418w
Elevation 6410' Completion Date 9/14/79 Total Depth 330' 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. 110' SAMPLE TAKEN
Depths gas ~~N/A~~ encountered: _____
Type & amount of coke breeze used: 3200 lbs.
Depths anodes placed: 285', 265', 255', 245', 235', 225', 215', 205', 195', 185'
Depths vent pipes placed: 320'
Vent pipe perforations: 240'
Remarks: gb #1

RECEIVED
MAY 31 1991
OIL CON. DIV.
DIST. 9

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). ☐

Completion Date 9-14-79

Well Name SAN JUAN 30-6 #13A		Location SE 32-30-6		CPS No. 1418W	
Type & Size Bit Used 6 3/4		2" x 40" Duriron		Work Order No. 57413.21	
Anode Hole Depth 330-325TD	Total Drilling Rig Time	Total Lbs. Coke Used 3200	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
# 1 285	# 2 265	# 3 255	# 4 245	# 5 235	# 6 225
# 7 215	# 8 205	# 9 195	# 10 185		
Anode Output (Amps)					
# 1 2.7	# 2 2.0	# 3 2.8	# 4 4.0	# 5 3.1	# 6 4.0
# 7 2.9	# 8 2.8	# 9 2.9	# 10 3.1		
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	No. 2 C.P. Cable Used
Volts 12.1	Amps 14.5	Ohms .83			

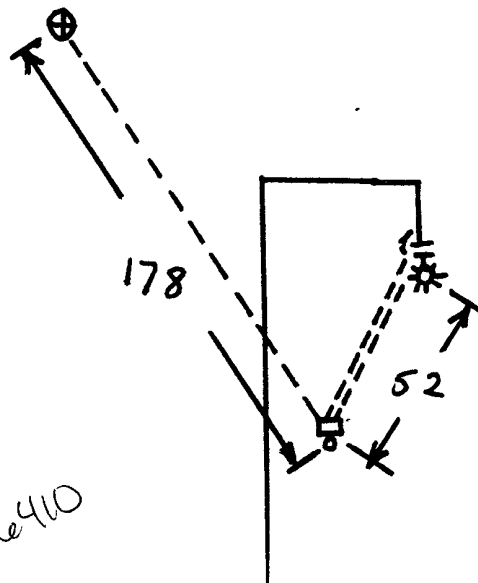
Remarks: STATIC $\frac{1}{2}$ E = .95 WATER AT 110 FT APPROX 2 G.P.M. DRILLED 330 FT LOGGED 325 FT INSTALLED 320 FT OF VENT PIPE WITH 240 FT OF PERFORATIONS. SLURRIED 32 SACKS OF COKE.

Hole depth = -175
STUB POLE
40016A Rect
Pitch + cable = 230
EXTRA cable = 77

All Construction Completed

Rohit J. Bahnik
(Signature)

GROUND BED LAYOUT SKETCH



DISTRIBUTION:

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

1418 W

Contract #2

DAILY DRILLING REPORT

LEASE: _____ WELL NO. _____ CONTRACTOR Rosary - O'Brian RIG NO. . _____ REPORT NO. _____ DATE 9-14- 19 79

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.

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 _____		SINGLES _____	SIZE <u>6 3/4"</u>		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	
<u>0</u>	<u>55</u>	<u>SHALE</u>		<u>110</u>	<u>250</u>	<u>SHALE</u>					
<u>55</u>	<u>60</u>	<u>SAND WET</u>		<u>250</u>	<u>255</u>	<u>SANDY SHALE</u>					
<u>60</u>	<u>75</u>	<u>SHALE</u>		<u>255</u>	<u>270</u>	<u>SHALE</u>					
<u>75</u>	<u>95</u>	<u>SAND WET</u>		<u>270</u>	<u>285</u>	<u>SANDY SHALE</u>					
<u>95</u>	<u>97</u>	<u>SHALE</u>		<u>285</u>	<u>330</u>	<u>SHALE</u>					
<u>97</u>	<u>110</u>	<u>SAND WET</u>									

REMARKS -			REMARKS -			REMARKS -		

SIGNED: Toolpusher O'BRIANTCompany Supervisor Kurt Westmeland

El Paso Natural Gas Company
ENGINEERING CALCULATIONSheet: 1 of 1
Date: 9-14-79
By: RJB
File: 1418W1418W SE32-30-6
S.J. 30-6#13A 57413.21
STATIC % 600'E = .95
100 =
5 =

9-14-79 = 10 hrs

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

110 1.7

5 1.5

20 1.8

5 2.0

30 1.8

5 1.9

40 1.7

5 1.9

50 1.8

5 2.2

60 2.0

5 1.8

70 1.6

5 1.6

80 2.0

5 1.5 - 10

90 2.0

5 2.0 - 9

200 1.5

5 1.5 - 8

10 1.6

5 2.0 - 7

20 1.7

5 2.1 - 6

30 2.4

5 2.2 - 5

40 1.9

5 1.8 - 4

50 2.4

5 1.8 - 3

60 1.3

5 1.2 - 2

70 1.2

5 .9

80 .9

5 1.5 - 1

90 1.6

5 1.5

300 1.1

5 1.2

10 1.1

5 1.3

20 -

25 -

30 -

WATER AT 110' DRILLED 330 FT
Logged 325 FT INSTALLED 320 FT
OF VENT PIPE WITH 240 FT OF
PERFORATION. SLURRIED 32 SACKS
OF COKE
TOTAL WATER APPROX 2 GPM.{ Purchased one 10ft stalk
OF CONDUIT FOR THIS
LOCATION AT EPNG WAREHOUSE

Hole depth = -175'

Stub Pole

40U16A Rect

Ditch + Cable = 230

EXTRA Cable = 77 (includes 25ft hookup)

① 285 - 1.7 - 2.7

② 265 - 1.3 - 2.0

③ 255 - 1.7 - 2.8

④ 245 - 2.6 - 4.0

⑤ 235 - 2.2 - 3.1

⑥ 225 - 2.6 - 4.0

⑦ 215 - 1.9 - 2.9

⑧ 205 - 1.7 - 2.8

⑨ 195 - 2.0 - 2.9

⑩ 185 - 1.9 - 3.1

12.1 V 14.5 A = .83 ohms

EL PASO NATURAL GAS COMPANY
SAN JUAN DIVISION
FARMINGTON, NEW MEXICO
PRODUCTION DEPARTMENT WATER ANALYSIS

Analysis No. 1-9784 Date 12-18-79

Operator El Paso Natural Gas Well Name San Juan 30-6 #13A

Location SE 32-30-6 County Rio Arriba State New Mexico

Field _____ Formation _____

Sampled From C.P.S. 1418 W

Date Sampled _____ By _____

Tbg. Press. _____	Csg. Press. _____	Surface Csg. Press _____
ppm	epm	ppm epm

Sodium <u>307</u>	Chloride <u>40</u>	
<u>13</u>	<u>1.13</u>	

Calcium <u>40</u>	Bicarbonate <u>244</u>	
<u>2</u>	<u>4</u>	

Magnesium <u>5</u>	Sulfate <u>510</u>	
<u>.4</u>	<u>10.61</u>	

Iron <u>Present</u>	Carbonate <u>0</u>	
	<u>0</u>	

H ₂ S <u>Absent</u>	Hydroxide <u>0</u>	
	<u>0</u>	

cc: D.C.Adams
R.A.Ullrich
E.R.Paulek
J.W.McCarthy
A.M.Smith
W.B.Shropshire
File
C. B. O'Nan
Water at 110'

Total Solids Dissolved 1210

pH 7.7

Sp. Gr. 0.9968 at 60°F

Resistivity 556 ohm-cm at 70 °F

Joe Barnett
Chemist

