

1222

E

30-039-21940

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. 21 Twp. 30 Rng. 6

Name of Well/Wells or Pipeline Serviced SAN JUAN 30-6 UNIT #54A

cps 1481w

Elevation 6385' Completion Date 7/18/80 Total Depth 400' 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. 100' & 160' SAMPLE TAKEN

Depths gas encountered: N/A

Type & amount of coke breeze used: 4400 lbs.

Depths anodes placed: 355', 345', 315', 305', 295', 285', 270', 255', 245', 235'

Depths vent pipes placed: 385'

Vent pipe perforations: 300'

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"x60" Duriron

Completion Date 7-18-80

Well Name S. J. 30-6 #54A		Location SE21-30-6		CPS No. 1481W	
Type & Size Bit Used 6 3/4				Work Order No. 57579-21	
Anode Hole Depth 400 - Log 385	Total Drilling Rig Time	Total Lbs. Coke Used 4400	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth	# 1 355	# 2 345	# 3 315	# 4 305	# 5 295
	# 6 285	# 7 270	# 8 255	# 9 245	# 10 235
Anode Output (Amps)	# 1 2.2	# 2 2.2	# 3 2.4	# 4 2.3	# 5 2.6
	# 6 2.2	# 7 2.9	# 8 2.6	# 9 3.3	# 10 3.4
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	Amps 13.3	Ohms .88	No. 8 C.P. Cable Used		No. 2 C.P. Cable Used

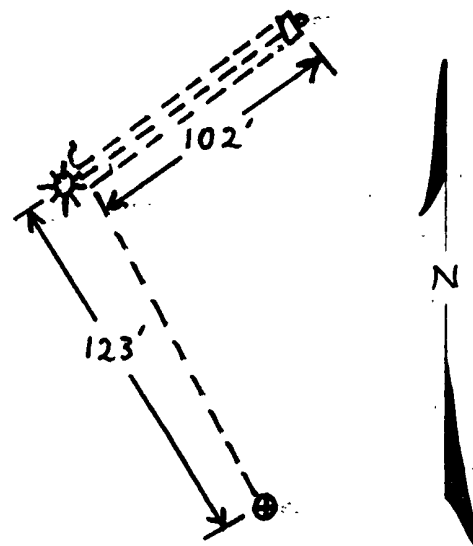
Remarks: STATIC 95600'E = .89 UNION - NONE FL NOT YET LAID. Driller said WATER AT 100' AND 160' DRILLED TO 220 hole made water to 160' over night However could hear water running in hole from Above water Level. INST 385' OF VENT p.p.e with 300' PERF. SLURRIED 44 SACKS OF COKE. Hole drilled to 400 Log 385.

10' STUD Pole
40v16A Rect.
Jct Box
Ditch & cable = 225
EXTRA CABLE = 224
HOLE Depth = -115

All Construction Completed

Robert J. Belnick
(Signature)

GROUND BED LAYOUT SKETCH



Time	Reg	AT
7-18-80	8	2

DISTRIBUTION:

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

10385

DRILLING DEPARTMENT

Satan Juan 30-6 # 54A

Three C Drilling
CONTRACTOR

2

IPS 1481 W DAILY DRILLING REPORT

LEASE SE 21-30-6 WELL NO. _____

CONTRACTOR

RIG NO.

REPORT NO. 57579-21 DATE July 18 1980

MORNING

DAYLIGHT

EVENING

Driller Kevin Bernal Total Men In Crew 3

Driller	Total Men In Crew
1	1
2	2
3	3
4	4
5	5
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100	100

Driller	Total Men In Crew
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100	100

[illegible]

NO. DC _____ SIZE _____ LENG. _____	NO. DC _____ SIZE _____ LENG. _____	NO. DC _____ SIZE _____ LENG. _____	NO. DC _____ SIZE _____ LENG. _____	NO. DC _____ SIZE _____ LENG. _____
NO. DC _____ SIZE _____ LENG. _____	BIT NO. _____	NO. DC _____ SIZE _____ LENG. _____	BIT NO. _____	NO. DC _____ SIZE _____ LENG. _____
SERIAL NO. _____	STANDS _____	SERIAL NO. _____	STANDS _____	STANDS _____
SIZE <u>6 3/4</u>	SINGLES _____	SIZE _____	SINGLES _____	SINGLES _____
TYPE _____	DOWN ON KELLY _____	TYPE _____	DOWN ON KELLY _____	DOWN ON KELLY _____
MAKE _____	TOTAL DEPTH _____	MAKE _____	TOTAL DEPTH _____	TOTAL DEPTH _____

[illegible][illegible]

REMARKS -	160' at 100' and 160'. Made	REMARKS -
	about 2 gallons per minute. 385' Logged	

REMARKS -

SIGNED: Toolpusher

Kevin Bunge

____ Company Supervisor

El Paso Natural Gas Company
ENGINEERING CALCULATIONSheet: 1 of 1
Date: 7-18-81
By: PJB
File: 1481WS.J. 30-6 # 54A SE 21-30-6 1481W
5757A-21

Hrs = 10

STATIC 45600'E = .89 UNION - NONE FL NOT yet LAID

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

100	.4	300	1.0
	1.3		1.3 - 4
10	1.3	10	1.2
	1.1		1.2 - 3
20	1.0	20	1.2
	1.0		.6
30	1.2	30	.4
	1.5		.3
40	1.1	40	1.0
	1.0		1.3 - 2
50	1.0	50	1.3
	1.0		1.3 - 1
60	1.1	60	.9
	1.3		.6
70	1.4	70	.6
	1.5		
80	1.5	80	
	.9		
90	.8	90	
	.7		
200	.6		
	.7		
10	.7		
	.8		
20	.8		
	.9		
30	1.1		
	1.4 - 10		
40	1.4		
	1.3 - 9		
50	1.2		
	1.2 - 8		
60	1.1		
	1.0		
70	1.3 - 7		
	1.2		
80	.9		
	1.1 - 6		
90	1.2		
	1.3 - 5		

Driller SAID WATER AT 100'
AND 160' HOLE MADE WATER
TO 160' OVERNIGHT COULD
HEAR WATER RUNNING INTO
HOLE FROM ABOVE 160' CAUGHT
SAMPLE 44 SACKS OF COKE
385' VENT PIPE 300 PERFT

- 385 TO

- ① 355 - 1.4 - 2.2
- ② 345 - 1.3 - 2.2
- ③ 315 - 1.3 - 2.4
- ④ 305 - 1.3 - 2.3
- ⑤ 295 - 1.5 - 2.6
- ⑥ 285 - 1.2 - 2.2
- ⑦ 270 - 1.4 - 2.9
- ⑧ 255 - 1.3 - 2.6
- ⑨ 245 - 1.5 - 3.3
- ⑩ 235 - 1.4 - 3.4

11.7 V 13.3 A = .88 ohms

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

Analysis No. 1-10042 Date 11-12-80
Operator El Paso Natural Gas Well Name San Juan 30-6 #54A
Location SE 21-30-6 County Rio Arriba State New Mexico
Field Blanco Formation _____
Sampled From CPS 1481 W @160 ft.

Date Sampled 7-18-80 By Robert Babnick

Tbg. Press.	Csg.	Surface Csg. Press.
ppm	epm	ppm
Sodium <u>1118</u>	<u>48.6</u>	Chloride <u>1830</u>
Calcium <u>92</u>	<u>4.6</u>	Bicarbonate <u>107</u>
Magnesium <u>12</u>	<u>1.0</u>	Sulfate <u>40</u>
Iron _____	_____	Carbonate <u>0</u>
H ₂ S _____	_____	Hydroxide <u>0</u>

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

Total Solids Dissolved 3390
pH 7.4
Sp. Gr. 1.0011 At _____ 60°F
Resistivity 167 ohm-cm at _____ 77°F

Joe Barnett
Chemist

