

1239

E

30-039-21938

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. 17 Twp 30 Rng 6

Name of Well/Wells or Pipeline Serviced SAN JUAN 30-6 UNIT #81A

cps 1490w

Elevation 6425' Completion Date 7/18/80 Total Depth 620' 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. 80' - 200'

Depths gas encountered: N/A

Type & amount of coke breeze used: N/A

Depths anodes placed: 415', 400', 385', 370', 345', 330', 315', 300', 280', 230'

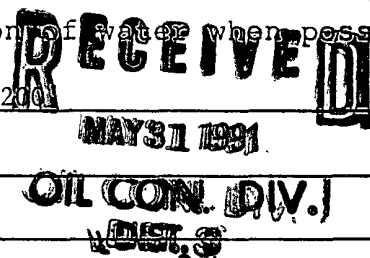
Depths vent pipes placed: 600'

Vent pipe perforations: 500'

Remarks: gb #1 BELEIVE WILL MAKE GAS. DRILL PIPE BLACK & ROTTEN EGG ODOR.

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

81420 Reg
6420 at.

Drilling Log (Attach Hereto). ☐

2" x 60" DUREIRON

Completion Date 7-18-80

Well Name SJ 30-6 #81A		Location SE 17-30-6		CPS No. 1490 W	
Type & Size Bit Used 6 3/4		STATIC 96 N		Work Order No. 57887-21	
Anode Hole Depth 620' 605' D	Total Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
# 1 415	# 2 400	# 3 385	# 4 370	# 5 345	# 6 330
# 7 315	# 8 300	# 9 280	# 10 230		
Anode Output (Amps)					
# 1 2.0	# 2 2.2	# 3 1.9	# 4 1.9	# 5 3.2	# 6 2.3
# 7 2.3	# 8 2.2	# 9 3.4	# 10 2.5		
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	
Volts 12.2	Amps 13.0	Ohms .93		No. 2 C.P. Cable Used	

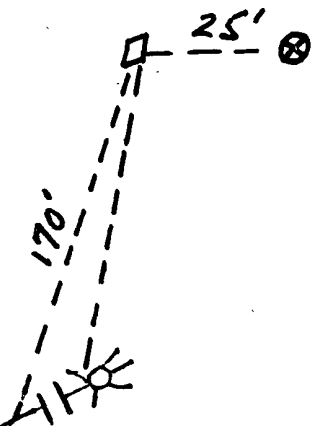
Remarks: UNION = OK Damp at 80' & 200' SET OVER
NIGHT AT 220' NO WATER OR MUD. DRILLED TO
420' HAD DAMP SPOTS. STARTED INJECTING AT 420'
DUST DRY & FINE. BELIEVE WILL MAKE GAS. DRILL
PIPE BLACK & ROTTEN EGG ODOR. DRILLED TO 620'
LOGGED TO 605' 500' 1" PERFORATED VENT 100' 1" PLAIN

All Construction Completed

BT

(Signature)

GROUND BED LAYOUT SKETCH



20' METAL POLE
40/16 RECT
DITCH + 1 CABLE 195'
XTRA CABLE = 190'
HOLE = + 105'

N

DISTRIBUTION:

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

6425

OPS-490 W

San Juan 30-G #81-A

W.O.# 57587-21

SE. 17-30-6

DAILY DRILLING REPORT

LEASE

WELL NO.

CONTRACTOR

3-C Drilling

RIG NO. #1

REPORT NO.

DATE July 18 1960

MORNING

DAYLIGHT

EVENING

Driller

Brian

Total Men In Crew

3

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.	NO. DC	SIZE	LENG.	SER. NO.	NO. DC	SIZE	LENG.	SER. NO.	NO. DC	SIZE	LENG.
SIZE	STANDS			SIZE	STANDS			SIZE	STANDS		
6-3/4											
TYPE	DOWN ON KELLY			TYPE	DOWN ON KELLY			TYPE	DOWN ON KELLY		
MAKE	TOTAL DEPTH			MAKE	TOTAL DEPTH			MAKE	TOTAL DEPTH		
	620' T.D. 605'										

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
0	40	clay	160	180	shale			
40	60	shale & sand	180	220	shale & bentonite			
60	80	clay & shale	220	400	shale, sandy shale, sand			
?	120	sand & shale	400	420	sandy shale			
120	140	shale	420	620	sand			
140	160	sand & shale						

REMARKS -

REMARKS -

Pulled to 200' the 17th
had moisture next am. up water
picked up some water between
250' & 350' Total hole depth 620'
log depth 605'

REMARKS -

SIGNED: Toolpusher

Brian Buge

Company Supervisor

El Paso Natural Gas Company
ENGINEERING CALCULATIONSheet of
Date: 7-18-8
By: BT
File: 57587-21

UNION = OK

STATIC = .96N 1490W

SJ 30-6 #81A

SE 17-30-6

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

DAMP AT 80' + 200 DRILLED 220 SET OVER
NIGHT NOWATER OR MUD. DRILLED TO 420' HAD
DAMP SPOTS STARTED INJECTING AT 420'
DUST DRY + FINE. BELIEVE WILL MAKE SOME
GAS. DRILL PIPE BLACK & ROTTEN EGG ODOR.
DRILLED TO 1620' LOGGED TO 605' TD
500' 1" PERFORATED VENT
100' 1" PLAIN

$$12.2 V \quad 13.0 A = \quad n$$

150	1.3	55	.8	55	.8	55	.5
55	1.4	60	.5	60	.4	60	.6
60	1.1	65	.3	65	.4	65	.4
65	.8	70	.2	70	.4 - ①	70	.5
70	.2	75	.2	75	1.0	75	.5
75	.3	80	1.3 - ①	80	1.0	80	.5
80	1.4	85	1.5 - ①	85	.8 - ①	85	.6
85	1.4	90	.2	90	1.1	90	.8
90	1.5	95	.2	95	1.2	95	.6
95	1.5	100	.4 - ①	100	1.0 - ②	100	.7
200	1.4	5	1.2	5	1.0	5	.7
5	1.2	10	.8	10	1.0	10	.6
10	.8	15	.5	15	1.0 - ①	15	.6
15	.5	20	.4	20	1.1 - ①	20	.5
20	.4	25	.6 - ①	25	.6	25	.4
25	.6	30	1.1	30	.5	30	.6
30	1.1	35	1.2	35	.6	35	.4
35	1.2	40	.6	40	.6	40	.6
40	.6	45	.6	45	.4	45	.6
45	.6	50	.9	50	.5	50	.6
50	.9	55	.7	55	.7	55	.7

1 = 415 - 1.2	2.0	55	.7
2 = 400 - 1.2	2.2	60	.4
3 = 385 - 1.1	1.9	65	.4
4 = 370 - 1.0	1.9	70	.5
5 = 345 - 1.1	3.2	75	.5
6 = 330 - 1.1	2.3	80	.6
7 = 315 - 1.1	2.3	85	.4
8 = 300 - 1.1	2.2	90	.5
9 = 280 - 1.1	3.4	95	.7
10 = 230 - 1.3	2.5	100	.7
		5	.7
		10	.6
		15	.6
		20	.5