

1226

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30-039-21924

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

Operator MERIDIAN OIL Location: Unit NW Sec. 15 Twp 30 Rng 7

Name of Well/Wells or Pipeline Serviced SAN JUAN 30-6 UNIT #63A

cps 1484w

Elevation 6208' Completion Date 7/29/80 Total Depth 540' Land Type* N/A

Casing, Sizes, Types & Depths 3' OF 8' PIPE

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. 70'

Depths gas encountered: N/A

Type & amount of coke breeze used: 56 SACKS

Depths anodes placed: 490', 480', 470', 435', 425', 390', 380', 365', 355', 325'

Depths vent pipes placed: 530'

Vent pipe perforations: 460'

Remarks: gb #1

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

TIME
7-28-80 Reg. 8
7-29-80 8

Drilling Log (Attach Hereto) ☐

Completion Date 7-29-80

Well Name S.J. 30-6 #63A		Location NW15-30-7		CPS No. 1484-W	
Type & Size Bit Used 6 3/4				Work Order No. 57581-21	
Anode Hole Depth 540' 10990d 530'	Total Drilling Rig Time	Total Lbs. Coke Used 56 Sacks	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth	# 1	# 2	# 3	# 4	# 5
	490	480	470	435	425
Anode Output (Amps)	# 1	# 2	# 3	# 4	# 5
	3.2	2.9	2.7	2.3	2.3
Anode Depth	# 6	# 7	# 8	# 9	# 10
	390	380	365	335	325
Anode Output (Amps)	# 6	# 7	# 8	# 9	# 10
	3.8	3.8	3.1	3.3	3.0
Anode Depth	# 11	# 12	# 13	# 14	# 15
Anode Output (Amps)	# 11	# 12	# 13	# 14	# 15
Total Circuit Resistance	Volts		Amps		Ohms
	12.3		15		.8
No. 8 C.P. Cable Used					No. 2 C.P. Cable Used

Remarks: DRILLER SAID HIT WATER AT 20', NEXT A.M. BLEW WATER. DID NOT GET SAMPLE. DRILLED TO 300', TOP OF HOLE STARTED CAVING, COME OUT OF HOLE, INSTALLED 3" OF 8" PIPE INSTALLED 530' OF 1" VENT PIPE, PERFORATED 460' OF VENT PIPE.

DID NOT FLOW CABLE, LOCATION TOO ROCKY

STATIC - .87 UNION - OK. Estimate 60 gal per minute

All Construction Completed

1 20' METER Pole off location

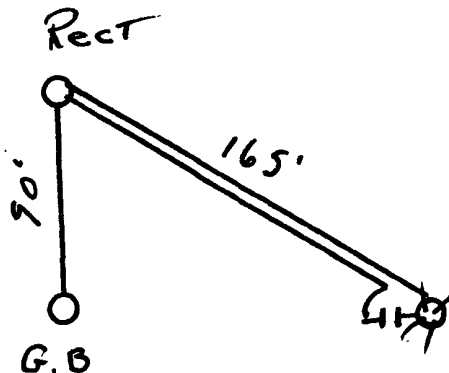
1 10' STUB Pole

1 40V 16A RECT

Steven Knight Jr.
(Signature)

GROUND BED LAYOUT SKETCH

DITCH x 1 cable 0
EXTRA CABLE 0
HOLE DEPTH +30



DISTRIBUTION:

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

6208

W.O. # 57581-21

DAILY DRILLING REPORT

DATE

DAYLIGHT

EVENING

[illegible]

	NO. DC	SIZE	LENG.		NO. DC	SIZE	LENG.		NO. DC	SIZE	LENG.		NO. DC	SIZE	LENG.		
BIT		NO. DC	SIZE	LENG.	BIT NO.		NO. DC	SIZE	LENG.	BIT NO.		NO. DC	SIZE	LENG.	NO. DC	SIZE	LENG.
SERIAL NO.		STANDS			SERIAL NO.		STANDS			SERIAL NO.		STANDS			STANDS		
SIZE	634	SINGLES	27		SIZE		SINGLES			SIZE		SINGLES			SINGLES		
TYPE		DOWN ON KELLY			TYPE		DOWN ON KELLY			TYPE		DOWN ON KELLY			DOWN ON KELLY		
MAKE		TOTAL DEPTH	540' TO 580'		MAKE		TOTAL DEPTH			MAKE		TOTAL DEPTH			TOTAL DEPTH		

[illegible]

TIME BREAKDOWN		TIME BREAKDOWN		TIME BREAKDOWN				
FROM	TO	FROM	TO	FROM	TO			
0	20	sandstone	140	160	clay-water	460	510	shale
20	40	clay-sandstone	160	200	sandstone	510	540	handbuilt sand
40	60	sandstone	200	270	shale			
60	80	sand-water-shale	270	320	sand-water			
80	100	shale	320	410	shale			
100	140	shale	410	460	sand			

REMARKS:

REMARKS -
arrived @ 60 per hr - in

REMARKS:

water was on bottom of hole -
underlying approx 3 gallons per minute
on last foot small water sample

The water fountains that I killed today were producing approx 60 or better gallons per hour.

Total male deaths -	540
Total log deaths -	530

"Picked up water" at 60', 135',
and some where between 200'-220'.

SIGNED: Toolpusher

Bruce Surge

Company Supervisor

Table 1. Mean values of the variables measured during the study

El Paso Natural Gas Company
ENGINEERING CALCULATIONSheet: 7-28-81 of
Date: 7-28-81
By: _____
File: _____UNION - OK 1484W
STATIC = .87
ST 30-6 #63A

57581-21

NW15-30-7

MW	gals/mol
16.04	C1 6.4
30.07	C2 10.12
44.10	C3 10.42
58.12	IC4 12.38
58.12	nC4 11.93
72.15	IC5 13.85
72.15	nC5 13.71
86.18	IC6 15.50
86.18	C6 15.57
100.21	IC7 17.2
100.21	C7 17.46
114.23	C8 19.39
28.05	C2 9.64
42.08	C3 9.67

MW	MISC.	gals/mol
32.00	O2	3.37
28.01	CO	4.19
44.01	CO2	6.38
64.06	SO2	5.50
34.08	H2S	5.17
28.01	N2	4.16
2.02	H2	3.38

1 20' meter Pipe
1 10' stub Pipe
1 40V 16A Rect
Ditch + 1 cable
EXTRA cable
Hole Depth + 30'
Did NOT Plow cable
LOCATION TO ROCKY

DRILLER said hit water
at 70: Next AM blew
Some water Did NOT get
enough for water sample
Drilled to 300', Hole STARTED
COVERING AT TOP.

70	220	5	.6	95	1.7
75	25	.8	1.0	400	.7
80	30	1.0	1.0	05	.2
85	35	.7	.7	10	.4
90	40	.5	.4	15	.6
95	45	.2	.3	20	1.3
100	50	.3	.3	25	1.4 (5)
05	55	.3	.4	30	1.4
10	60	.3	.3	35	1.2 (4)
15	65	.2	.2	40	.7
20	70	.2	.2	45	.6
25	75	.5	.5	50	.6
30	80	.6	.4	55	1.0
35	85	1.0	.6	60	1.5
40	90		.4	65	1.4
45	95		.4	70	1.4 (3)
50	300		.9	75	1.5
55	05		1.4	80	1.9 (2)
60	10		1.7	85	1.9
65	15		1.7	90	1.8 (1)
70	20		1.9	95	1.6
75	25		2.0 (10)	500	1.2
80	30		2.2	05	.8
85	35		1.9 (9)	10	.6
90	40		1.4	15	.5
95	45		1.1	20	.6
200	50		.8	25	.6
05	55		.6	30	T.D.
10	60		1.2	35	
15	65		2.0 (8)	40	
	70		1.8		
	75		2.1		
	80		2.2 (7)		
	85		2.1		
	90		2.3 (6)		

12.3 V 15.0 A .8 R