

30-039-21613

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. 2 Twp 29 Rng 7

Name of Well/Wells or Pipeline Serviced SAN JUAN 29-7 UNIT #47A

cps 1402w

Elevation 6528 Completion Date 9/12/79 Total Depth 355' 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' - 85' & 170' - 180'

SAMPLE TAKEN

Depths gas encountered: N/A

Type & amount of coke breeze used: N/A

Depths anodes placed: 320', 305', 290', 275', 260', 245', 230', 215', 200', 185'

Depths vent pipes placed: 360'

Vent pipe perforations: 280'

Remarks: rgb #1

RECEIVED
MAY 31 1991

OIL CON. DIV

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 DURIRON

Completion Date 9-12-79

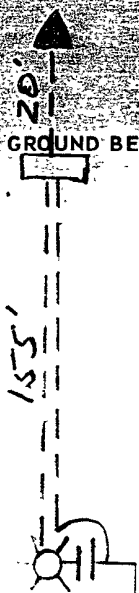
Well Name: ST 29-7 #47A		Location: SE 2-29-7		CPS No: 1402 W	
Type & Size Bit Used: 6 3/4"		STATIC = .94		Work Order No: 57346-21	
Anode Hole Depth: 355	Total Drilling Rig Time:	Total Lbs. Coke Used:	Lost Circulation Mat'l Used:	No. Sacks Mud Used:	
Anode Depth:					
#1: 320	#2: 305	#3: 290	#4: 275	#5: 260	#6: 245
#7: 230	#8: 215	#9: 200	#10: 185		
Anode Output (Amps)					
#1: 2.4	#2: 3.0	#3: 3.0	#4: 3.5	#5: 4.7	#6: 4.3
#7: 3.1	#8: 3.1	#9: 3.2	#10: 3.5		
Anode Depth:					
#11:	#12:	#13:	#14:	#15:	#16:
Anode Output (Amps)					
#11:	#12:	#13:	#14:	#15:	#16:
Total Circuit Resistance:					
Volts: 11.6	Amps: 13.7	Ohms: 84	No. 2 C.P. Cable Used:		

Remarks: Small amount water at 80' 85' unable to blow sample. Good water sand at 170' 180' estimates 3 gal per minute. Set over night blow sample.

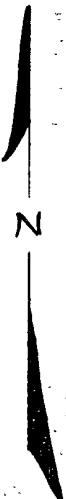
All Construction Completed

B.T.
(Signature)

GROUND BED LAYOUT SKETCH



STUB POLE
DITCH + 1 CABLE 175'
EXTRA CABLE 180'
HOLE = - 145'



DISTRIBUTION:

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

6508

STATIC = .94

1402 W

SI 29-7 #47A

SE 2-29-7

57346-21

Small water at 80-85' unable to blow sample
Good water at 170-180' set over night blow sample.

MW gals/mol

18.04 C₁ 6.430.07 C₂ 10.1244.10 C₃ 10.4258.12 IC₄ 12.3858.12 nC₄ 11.972.15 IC₅ 13.8572.15 nC₅ 13.7186.18 IC₆ 15.5086.18 C₆ 15.57100.21 IC₇ 17.2100.21 C₇ 17.46114.23 C₈ 19.3928.05 C₂ 9.6442.08 C₃ 9.67

360' 1" PVC vent pipes 280' perforated

drilled 360 loged 355

N.6V 13.7A = .84 m

MISC gals/mol

32.00 O₂ 3.37

28.01 CO 4.19

44.01 CO₂ 6.3864.06 SO₂ 5.5034.08 H₂S 5.1728.01 N₂ 4.162.02 H₂ 3.38

Depth	Pressure	Flow	Notes	Depth	Pressure	Flow	Notes	Depth	Pressure	Flow	Notes
5	1.8	5		5	1.4	5	②	5	1.4	5	
10	1.9	10		10	1.8	10		10	1.8	10	
15	1.8	15		15	1.7	15		15	1.7	15	
20	1.7	20		20	1.5	20	①	20	1.5	20	
25	2.2	25		25	1.3	25		25	1.3	25	
30	1.9	30		30	.7	30		30	.7	30	
35	1.6	35		35	.5	35		35	.5	35	
40	1.9	40		40	.6	40		40	.6	40	
45	1.9	45		45	.5	45		45	.5	45	
50	2.0	50		50	.3	50		50	.3	50	
55	2.4	55		55		55		55		55	
60	2.2	60		60		60		60		60	
65	2.5	65		65		65		65		65	
70	2.4	70		70		70		70		70	
75	2.3	75		75		75		75		75	
80	1.7	80		80	1.9	80		80		80	
85	2.3	85	⑩	85	2.1	85		85		85	
90	2.1	90		90	1.8	90		90		90	
95	2.1	95		95	1.7	95		95		95	
200	2.0	200	⑨	300	1.6	300		400		400	

1 =	320	1.7	2.4
2 =	305	2.2	3.0
3 =	290	2.0	3.0
4 =	275	2.3	3.5
5 =	260	3.1	4.7
6 =	245	2.5	4.3
7 =	230	1.8	3.1
8 =	215	1.9	3.1
9 =	200	1.9	3.2
10 =	185	2.4	3.5

CR. 1402 W

Boay

LEASE _____ WELL NO. _____ CONTRACTOR _____ RIG NO. _____ REPORT NO. _____ DATE 9-12 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.

*Drilled 360
logged 355*

BIT NO. <u>6 3/4</u>		NO. DC _____ SIZE _____ LENG. _____	BIT NO. _____		NO. DC _____ SIZE _____ LENG. _____	BIT NO. _____		NO. DC _____ SIZE _____ LENG. _____
SERIAL NO. _____		STANDS _____	SERIAL NO. _____		STANDS _____	SERIAL NO. _____		STANDS _____
SIZE _____		SINGLES _____	SIZE _____		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	
0	2	<i>surface</i>									
2	40	<i>hard stone</i>									
40	65	<i>shale</i>									
65	80	<i>sand wet</i>	<i>making water</i>								
80	85	<i>shale</i>									
85	90	<i>sand wet</i>	<i>making water</i>								

REMARKS -	REMARKS -	REMARKS -
<i>90-165 shale</i>		
<i>165-175 sand wet making water 1-2 gal min</i>		
<i>175-275 shale</i>		
<i>275-280 sand stone</i>		
<i>280-315 shale</i>		
<i>315-360 sandy shale</i>		

Boay

SIGNED: Toolpusher

Company Supervisor