

1177

E

30-039-23739

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

Operator MERIDIAN OIL INC. Location: Unit E Sec. 30 Twp 27 Rng 5

Name of Well/Wells or Pipeline Serviced SAN JUAN 27-5 UNIT #34A

cps 1868w

Elevation 6366' Completion Date 8/18/87 Total Depth 410' Land Type* N/A

Casing, Sizes, Types & Depths 125' OF 7" STEEL CASING

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. 20' SAMPLE TAKEN

Depths gas encountered: N/A

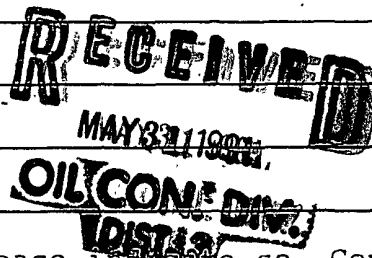
Type & amount of coke breeze used: N/A

Depths anodes placed: 310', 300', 245', 235', 225', 190', 180', 170', 160', 150'

Depths vent pipes placed: 405'

Vent pipe perforations: BOTTOM 280'

Remarks: gb #1



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

✓ Comp 9-1-87

Drilling Log (Attach Here) ☒

Completion Date 8-18-87

CPSR	Well Name Line or Plant	Work Order #	State	Ins Union Check
1868-W	S.J. 27-5 # 34-A		75 600' SE	☒ Good ☐ Bad
Location N 30-27-5	Anode Size 2" x 60"	Anode Type Duriron	Size Bit 6 1/4"	
Depth Drilled 410'	Depth Logged 400'	Drilling Rig Time	Total Lbs. Coke Used	Loss Circulation Mat Used
Anode Depth				
# 1 310'	# 2 300'	# 3 245'	# 4 235'	# 5 225'
# 6 190'	# 7 180'	# 8 170'	# 9 160'	# 10 150'
Anode Output (Amps)				
# 1 2.4	# 2 2.9	# 3 3.0	# 4 3.3	# 5 3.3
# 6 2.6	# 7 3.0	# 8 3.1	# 9 3.5	# 10 4.1
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. of C.P. Cable Used	No. of C.P. Cable Used
Volts 11.8	Amps 12.4	Ohms .95	ELEVATION = 6366	

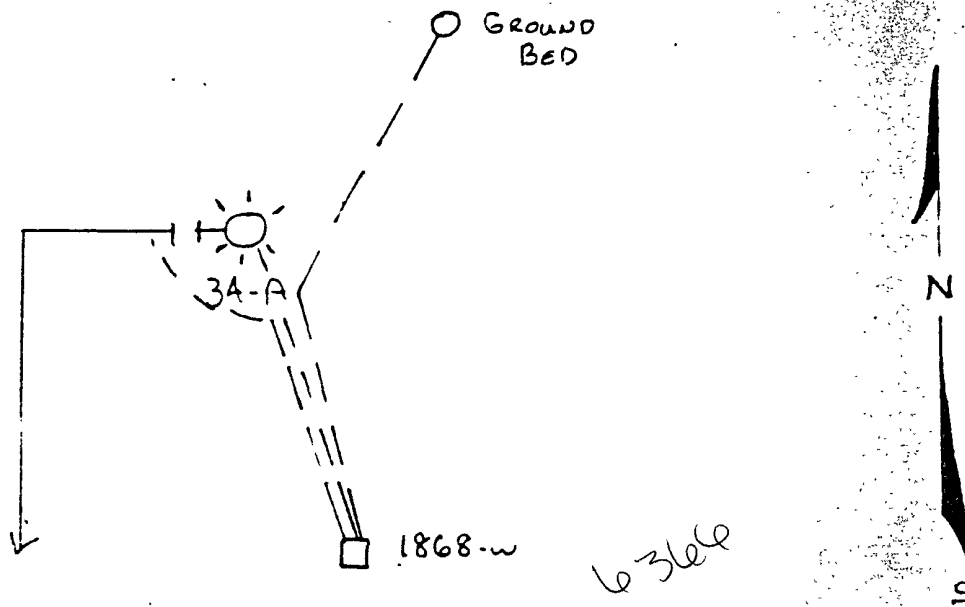
Remarks: INSTALLED 125' OF 7" STEEL CASING. DRILLED TO 410'
LOGGED 400'. DRILLER SAID WATER AT 30'; WATER WAS STAND
IN CASING AT 30'. INSTALLED 405' OF 1" PVC VENT PIPE; PERFORATE
BOTTOM 380'. CAUGHT WATER SAMPLE
9 hr TO SET 7" CASING AT \$120.00 P/hr.
CASING FURNISHED BY MERIDIAN OIL INC.

Rectifier Size: 40 V 16 A
Addn'l Depth: _____
Depth Credit: 100'
Extra Cable: 255'
Ditch & 1 Cable: 135'
Ditch & 2 Cable: 22.5'
25' Meter Pole: 1
20' Meter Pole: _____
10' Stub Pole: _____
Junction Box: 1

All Construction Completed

Moh R. W. Khan
(Signature)

4300. ✓
- 400. ✓ 3900.00
63.75 ✓
52.65 ✓
117.00 ✓
305.00 ✓
40.00 ✓
CASING 487.50 P.P.M.
INSTALLED 1080.00
5558.40
277.92
TOTAL 5836.32



P. O. BOX 4289-Phone 327-0251
FARMINGTON, NM

DEEP WELL GROUND BED LOG

Well No. S 27-S*34-A Location Nw 30-27-S

Volts Applied 11.8

•95
- Amperes 12.4

[illegible]



CPS 18686

API WATER ANALYSIS REPORT FORM

Company MERIDIAN OIL COMPANY		Sample No. 1		Date Sampled 8/18/87	
Field BLWCS		Legal Description NW S 30, T 27 N, R 5 W		County or Parish Red Riv. Co.	
Lease or Unit San Juan 27-5		Well 34-A		Depth 20'	
Type of Water (Produced, Supply, etc.) Produced		Formation		Water, B/D	
Sampling Point 20'		Sampled By M W			

DISSOLVED SOLIDS

CATIONS

	mg/l	me/l
Sodium, Na (calc.)	25	1.1
Calcium, Ca	76	3.8
Magnesium, Mg	15	1.2
Barium, Ba		

OTHER PROPERTIES

pH	7.18
Specific Gravity, 60/60 F.	1.0011
Resistivity (ohm-meters)	73 F.
Total Hardness	10,000
	249

Total Dissolved Solids (calc.)

451

ANIONS

Chloride, Cl	35	1.0
Sulfate, SO ₄	50	0.6
Carbonate, CO ₃	0	0
Bicarbonate, HCO ₃	270	9.5
Hydroxide, OH	0	0

Iron, Fe (total)

Sulfide, as H₂S

REMARKS & RECOMMENDATIONS:

