

#1 30-045-09449
#7 30-045-20846
#215 30-045-27075

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 M Sec. 15 Twp 30 Rng 10

Name of Well/Wells or Pipeline Serviced SUNRAY B #1, #7, #215

cps 2068w

Elevation 6344' Completion Date 1/9/89 Total Depth 320' Land Type* N/A

Casing, Sizes, Types & Depths 40' 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. 120' NO SAMPLE

Depths gas encountered: N/A

Type & amount of coke breeze used: N/A

Depths anodes placed: 280', 260', 250', 230', 220', 210', 170', 160', 150', 140'

Depths vent pipes placed: 325'

Vent pipe perforations: 220'

Remarks: gb #3

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

Comp 1-11-89

Drilling Log (Attach Hereto) ☒

Completion Date 1-9-89

CPS #		Well Name, Line or Plant		Work Order #		Static		Ins Union Check	
2068-w		SUNRAY "B" # 215		3411A				☒ Good ☒ Bad 3" BAD	
Location		Anode Size		Anode Type		Size Bit			
M15-30-10		2" x 60"		Duriron		6 3/4"			
Depth Drilled		Depth Logged		Drilling Rig Time		Total Lbs. Coke Used		Lost Circulation Mat'l Used	
320'		320'							
Anode Depth									
# 1	280'	# 2	260'	# 3	250'	# 4	230'	# 5	220'
# 6	210'	# 7	170'	# 8	160'	# 9	150'	# 10	140'
Anode Output (Amps)									
# 1	3.5	# 2	4.3	# 3	4.8	# 4	4.2	# 5	4.9
# 6	4.2	# 7	4.6	# 8	5.0	# 9	4.5	# 10	3.8
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		No. 2 C.P. Cable Used	
Volts 11.8		Amps 19.2		Ohms .614					

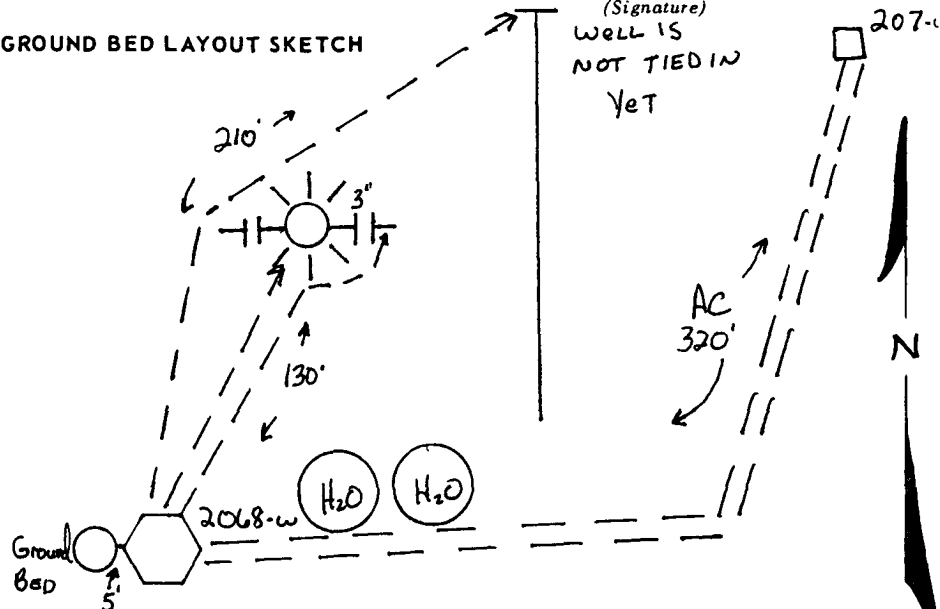
Remarks: DRILLED 320; LOGGED 320'. DRILLER SAID WATER AT 120', NO SAMPLE. INSTALLED 325' of 1" PVC VENT PIPE, PERFORATED BOTTOM 220'

* CAN TIE AC INTO EXISTING RECTIFIER 207-W. WILL NEED BREAKER BOX FOR 207-W

Rectifier Size: 40 V 16 A
 Addn'l Depth _____
 Depth Credit: 180' 3.50
 Extra Cable: 630' .24
 Ditch & 1 Cable: 535' .70
 25' Meter Pole: _____
 20' Meter Pole: _____
 10' Stub Pole: _____
 JUNCTION BOX: 1
 CASING TIME: 2.5 hrs

All Construction Completed

GROUND BED LAYOUT SKETCH



(Signature)
 WELL IS
 NOT TIED IN
 Yet

207-w

N

6344

4,074.00
 669.00 RECT.
 -630.00 CREDIT ✓
 151.20 EX. CABLE ✓
 374.50 DITCH + 1 ✓
 158.50 STUB ✓
 225.00 J. BOX ✓
 345.00 CASING ✓
 5367.20 ✓
 268.36 TAX
 5635.56 01/97

D. CRASS DRILLING CO.

Drill No. 3

DRILLER'S WELL LOG

S. P. No. SUNRAY B#215 Date 1-9-89

Client Meridian Oil Co. Prospect _____

County SAN JUAN State New Mex.

If hole is a redrill or if moved from original staked position show distance and direction moved: _____

FROM	TO	FORMATION — COLOR — HARDNESS
0	120	SAND
120	150	SANDY SHALE
150	180	SHALE
180	210	SANDSTONE
210	260	SHALE
260	320	SANDY SHALE

Mud _____ Brn _____ Lime _____

Rock Bit Number _____ Make _____

Remarks: 40' CASING 2.5 Hrs.
Water @ 120'

Driller RONNIE BROWN