

30-039-23725

3525

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 N Sec. 19 Twp 27 Rng 3

Name of Well/Wells or Pipeline Serviced JICARILLA 447 #1

cps 2022w

Elevation 7211' Completion Date 10/21/88 Total Depth 440' 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. 70' & 160'

Depths gas encountered: N/A

Type & amount of coke breeze used: N/A

Depths anodes placed: 355', 345', 280', 270', 260', 250', 205', 195', 185', 175'

Depths vent pipes placed: 422'

Vent pipe perforations: 360'

Remarks: gb #1

RECEIVED

MAY 31 1991

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.

MERIDIAN OIL INC.

WELL CASING

CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

COMP 10 - 24 88

Drilling Log (Attach Hereto) ☐

Completion Date 10/21/88

CPS #	Well Name, Line or Plant: <i>24</i>	Work Order #	Status:	Ins. Union Check
2022 V	LICARILLA 447 #1	1269	78V 600' E	☒ Good ☐ Bad
Location: N-19-27-3	Anode Size: 2" X 60"	Anode Type: DATION	Size Rec: 6 3/4"	
Depth Drilled: 440	Depth Logged: 422	Drilling Rig Time	Total Lbs. Cable Used	Loss Circulation Mat'l Used
Anode Depth				
# 1 355	# 2 345	# 3 280	# 4 270	# 5 260
# 6 250	# 7 205	# 8 195	# 9 185	# 10 175
Anode Output (Amps)				
# 1 3.8	# 2 3.7	# 3 4.4	# 4 4.8	# 5 4.6
# 6 5.5	# 7 5.0	# 8 5.2	# 9 5.2	# 10 6.4
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 12.3	Amps 22.0	Ohms 1.56		

Remarks: Hit water at 70' & 160'. BLEW WATER OUT OF Hole next A.M.
Took WATER SAMPLE, INSTALLED 422' of 1" P.V.C. Vent pipe,
perforated 360'.

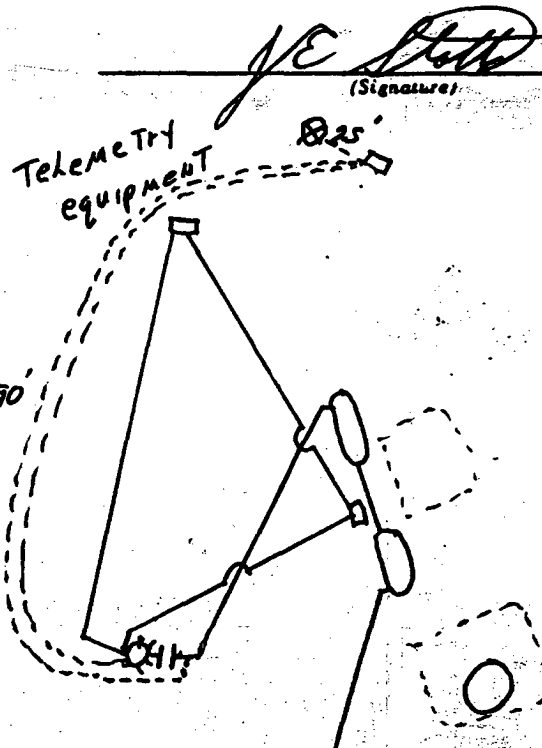
Layed 1/2" Fuel Line, in wire ditch.

G.P. \$4170.00

Reinforce Size: T.E.G. V A 7695.00
Addn'l Depth 0
Depth Credit: 78' 3.50 - 273.00 ✓
Extra Cable: 220 25 55.00 ✓
Ditch & 1 Cable: 215 75 161.25 ✓
Ditch & 1 Cable:
25' Meter Pole: 0
20' Meter Pole: 0
10' Stub Pole: 0
Junction Box: 1 249.00

12057.25 ✓
TAX 602.86 ✓
TOTAL \$12660.11 ✓

All Construction Completed



D. CRASS DRILLING CO.

Drill No. 3

202

DRILLER'S WELL LOG

S. P. No. Tic. 447 #1 Date 10-21-88
Client Meridian Oil Co. Prospect _____
County Rio Arriba 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
<u>0</u>	<u>70</u>	<u>SANDstone</u>
<u>70</u>	<u>80</u>	<u>SAND</u> ✓
<u>80</u>	<u>150</u>	<u>SANDstone</u>
<u>150</u>	<u>170</u>	<u>SAND</u> ✓
<u>170</u>	<u>210</u>	<u>SHALE</u>
<u>210</u>	<u>250</u>	<u>SANDstone</u>
<u>250</u>	<u>300</u>	<u>SHALE</u>
<u>300</u>	<u>345</u>	<u>SANDstone</u>
<u>345</u>	<u>360</u>	<u>SHALE</u>
<u>360</u>	<u>440</u>	<u>SANDstone</u>

Mud _____ Bron _____ Lime _____

Rock Bit Number _____ Make _____

Remarks: Water @ 70' & 160'

Driller Rennie Leon