10A = 30-039-21199
11 = 30-039-07146

3529

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 D Sec. 7 Twp 26 Rng 4

Name of Well/Wells or Pipeline Serviced JICARILLA 119N #10A, #11

cps 2018w

Elevation 7085' Completion Date 10/18/88 Total Depth 320' 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. N/A

Depths gas encountered: N/A

Type & amount of coke breeze used: N/A

Depths anodes placed: 290', 280', 270', 255', 245', 225', 215'

Depths vent pipes placed: 316'

Vent pipe perforations: 140'

Remarks: gb #2 DRILLED 150' HOLE. FELL IN.

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.

MERIDIAN OIL INC.

M-07-0238 (Rev. 10-82)

WELL CASING

# CATHODIC PROTECTION CONSTRUCTION REPORT

DAILY LOG

COMP 10-24-88

Drilling Log (Attach Hereto) ☐ Completion Date 10/18/88

| CPS # | Well Name, Line or Plant: | Work Order # | State: | Ins. Union Check |
|---|---|---|---|---|
| 2018 W | JICARILLA 119N #10A | 405 48A V | .73V 600' W | ☒ Good ☐ Bad |
| | JICARILLA 119N #11 | 52037A V | .74V 600' W | |

| Location: | Anode Size: | Anode Type: | Size Bit: |
|---|---|---|---|
| D-7-26-4 | 2" X 60" | Durion | 6 3/4" |

| Depth Drilled | Depth Logged | Drilling Rig Time | Total Lbs. Coke Used | Lost Circulation Mat'l Used | No. Sacks Mud Used |
|---|---|---|---|---|---|
| 560' | 550' | | | | |

| | #1 | #2 | #3 | #4 | #5 | #6 | #7 | #8 | #9 | #10 |
|---|---|---|---|---|---|---|---|---|---|---|
| Anode Depth | 360 | 350 | 342 | 290 | 280 | 270 | 255 | 245 | 225 | 215 |
| Anode Output (Amps) | 4.2 | 5.7 | 3.6 | 6.5 | 4.8 | 4.3 | 6.0 | 4.4 | 5.4 | 5.8 |
| Anode Depth | #11 | #12 Hole #1 | #13 | #14 | #15 | #16 | #17 Hole #2 | #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 12.0 | Amps 25.8 | Ohms .47 | | |

Remarks: Hole #1 DAMP SPOT AT 210', COULD NOT GET WATER SAMPLE, DRILLED TO 560', TRYING TO FIND A BETTER WATER ZONE, COULD NOT FIND ONE. INSTALLED 550' OF 1" P.V.C. VENT PIPE, PERFORATED 360'. COKED THE FIRST THREE ANODES, HOLE PLUGGED OFF. MOVED RIG OVER 40', DRILLED 150', HOLE FELL IN, HUNG DRILLER IN HOLE, MOVED TO OPPOSITE SIDE OF LOCATION, Hole #2 DRILLED 320', LOGGED 316'. INSTALLED 316' OF 1" P.V.C. VENT PIPE, PERFORATED 140'. INSTALLED & COKED 7 ANODES

~~Rectifier Size~~: T.E.G. V G.B. A 4170.00 V 7695.00 ✓

Addn'l Depth + 50' ~~350.00~~ 375.00 V

Depth Credit: 0

Extra Cable: 400' .25 100.00 ✓

Ditch & 1 Cable: 610' .75 457.50 ✓

~~Ditch & 2 Cable~~:

25' Meter Pole: 0

20' Meter Pole: 0

10' Stub Pole: 0

Junction Box: 1 249.00 V

1 EXTRA JCT. BOX 60.00 ✓

~~1308.50~~ V

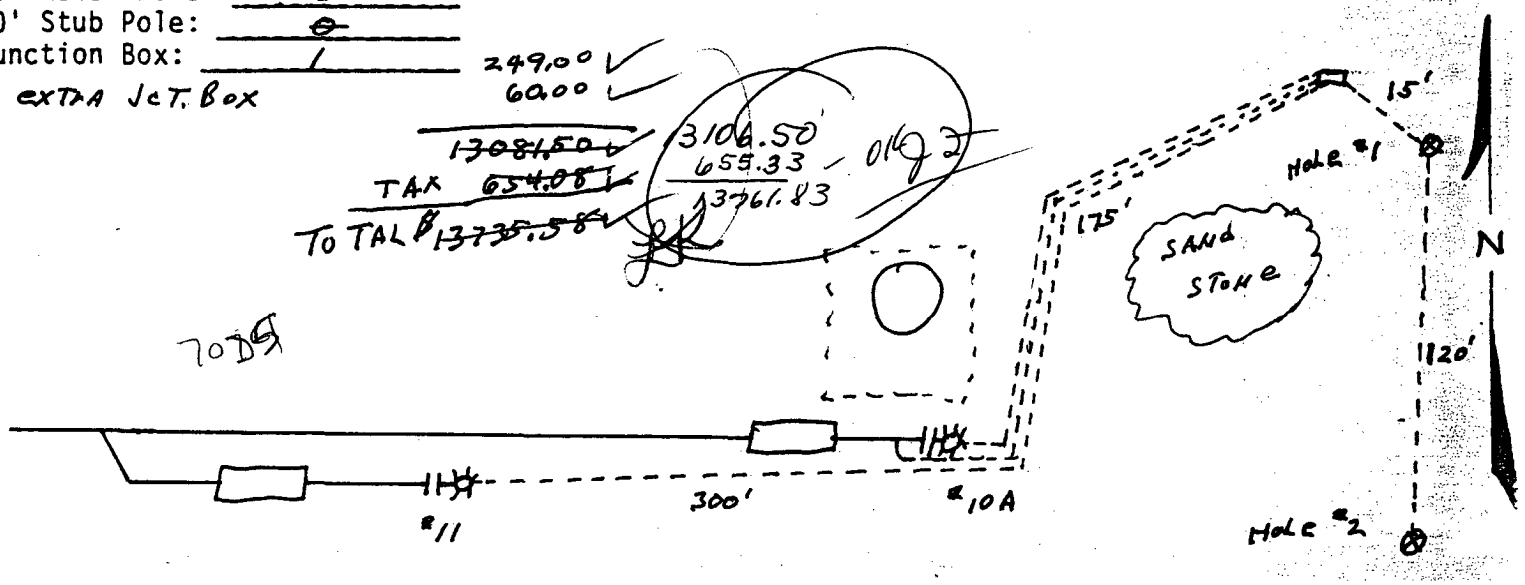
TAX ~~654.08~~ V

TOTAL ~~13735.58~~ V

3106.50
659.33 - 0192
13761.83

All Construction Completed

J C Stotts
(Signature)



D. Crass DRILLING CO.

Drill No. 3 2018

DRILLER'S WELL LOG

S. P. No. Sec. 11 T19N R10W Date 10-18-88

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 |
|---|---|---|
| 0 | 40 | Sandstone |
| 40 | 150 | Shale |
| 150 | 190 | Sandstone |
| 190 | 200 | Shale |
| 200 | 210 | Sand |
| 210 | 260 | Sandy Shale |
| 260 | 300 | Shale |
| 300 | 340 | Sandy Shale |
| 340 | 400 | Shale |
| 400 | 420 | Sandstone |
| 420 | 500 | Sandy Shale |
| 500 | 560 | Sandstone |

Mud Bran Lime

Rock Bit Number Make

Remarks: Damp @ 210'

Driller Connie Brown