

2 = 30-045-10942 4864

7 = 30-045-22726

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO

(Submit 3 copies to OCD Aztec Office)

Operator MERIDIAN OIL Location: Unit B Sec. 9 Twp 31 Rng 10

Name of Well/Wells or Pipeline Serviced LUCERNE A #2, #7

cps 445w

Elevation 6163' Completion Date 9/13/88 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. 230'

RECEIVED

MAY 31 1991

Depths gas encountered: N/A

OIL CON. DIV.
DIST. 3

Type & amount of coke breeze used: N/A

Depths anodes placed: 415', 405', 395', 385', 375', 365', 355', 340', 265', 255'

Depths vent pipes placed: 440' OF 1" PVC VENT PIPE

Vent pipe perforations: 360'

Remarks: qb #3 HOLE WENT BLIND AT 280'

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

Redrill

Drilling Log (Attach Hereto) ☒Completion Date 9-13-88

CPS #	Well Name, Line or Plant <u>Luzerne A #2</u>	Work Order # <u>48 996A</u>	Strater	Ins. Union Check ☒ Good ☐ Bad
	<u>" #7</u>	<u>45 164A</u>		
<u>445W</u>				
Location <u>B9-31-10</u>	Anode Size <u>2" x 60"</u>	Anode Type <u>Division</u>	Size Bit <u>6 1/8</u>	
Depth Drilled <u>440'</u>	Depth Loggia <u>440'</u>	Drilling Rig Time	Total Lbs. Cate Used	Loss Circulation Mat. Used
Anode Depth = 1 <u>415</u> = 2 <u>405</u> = 3 <u>395</u> = 4 <u>385</u> = 5 <u>375</u> = 6 <u>365</u> = 7 <u>355</u> = 8 <u>340</u> = 9 <u>265</u> = 10 <u>255</u> Anode Output (Amps) = 1 <u>4.5</u> = 2 <u>4.6</u> = 3 <u>5.2</u> = 4 <u>5.4</u> = 5 <u>5.4</u> = 6 <u>4.2</u> = 7 <u>4.3</u> = 8 <u>4.0</u> = 9 <u>3.0</u> = 10 <u>4.2</u> 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 Volts <u>12.13</u> Amps <u>24.2</u> Ohms <u>.50</u>				
Total Circuit Resistance			No. 8 C.P. Cable Used	No. 2 C.P. Cable Used

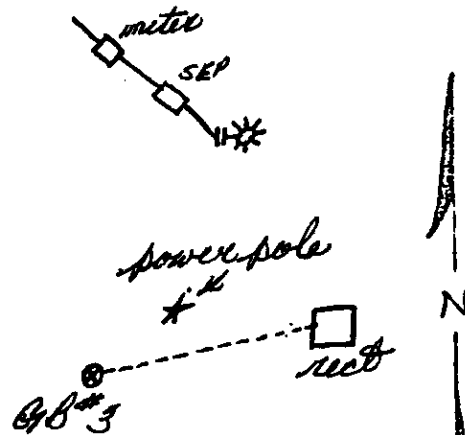
Remarks: Static water at 230'; no sample. Installed 440' of 1" PVC vent pipe, bottom 360' perforated. Hole went blind at 230'

Rectifier Size: _____ V _____ A 10
 Addn'l Depth 0
 Depth Credit: 60' @ 3.50 = 210.00 ✓
 Extra Cable: 10' @ .24 = 2.40 ✓
 Ditch & 1 Cable: 130' @ .70 = 91.00 ✓
 Cable tool-82' @ 27.50 = 2255.00 ✓
 25' Meter Pole: 0
 20' Meter Pole: 0
 10' Stub Pole: 0
 Junction Box: 1 @ 225.00 = 225.00 ✓

6437.40 ✓
321.87 ✓
6759.27 01643

All Construction Completed

Calvin Rodman
(Signature)



D. CRASS DRILLING C.

Drill No. 3

DRILLER'S WELL LOG

S. P. No. LUCCONE #12 Date 9-15-88

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
<u>0</u>	<u>80</u>	<u>CASING</u>
<u>80</u>	<u>120</u>	<u>Shale</u>
<u>120</u>	<u>170</u>	<u>SANDSTONE</u>
<u>170</u>	<u>275</u>	<u>Shale</u>
<u>275</u>	<u>320</u>	<u>SANDY SHALE</u>
<u>320</u>	<u>440</u>	<u>Shale</u>

Mud _____ Brn _____ Lime _____

Rock Bit Number _____ Make _____

Remarks: Water @ 230'

Driller Rennie Brown