

737

1A-30-045-21720
303-30-045-26933

E

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO
(Submit 3 copies to OCD Aztec Office)Operator MERIDIAN OIL Location: Unit E Sec. 21 Twp 30 Rng 8Name of Well/Wells or Pipeline Serviced HOWELL K #303, #1A

cps 1059w

Elevation 5857' Completion Date 12/21/88 Total Depth 320' Land Type* N/ACasing, Sizes, Types & Depths N/AIf Casing is cemented, show amounts & types used N/AIf Cement or Bentonite Plugs have been placed, show depths & amounts used
N/ADepths & thickness of water zones with description of water when possible:
Fresh, Clear, Salty, Sulphur, Etc. 120'Depths gas encountered: N/AType & amount of coke breeze used: N/ADepths anodes placed: 305', 295', 270', 260', 250', 235', 225', 215', 205', 145'Depths vent pipes placed: 320' OF 1" PVC VENT PIPEVent pipe perforations: 200'Remarks: gb #2**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.

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

Drilling Log (Attach Hereto) ☐Completion Date 12/21/88

CPS #	Well Name, Line or Plant	Work Order #	Status	Ins. Union Check
1059 W	Howell K #303	3132A	Already in service	☐ Good ☐ Bad
	Howell K #1A	47976A		
Location	Anode Size	Anode Type	Size Bit	
E-21-30-8	2" X 60"	Durion	6 3/4"	
Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used
320'	320'			
Anode Depth				
# 1 305	# 2 295	# 3 270	# 4 260	# 5 250
# 6 235	# 7 225	# 8 215	# 9 205	# 10 147
Anode Output (Amps)				
# 1 3.2	# 2 3.3	# 3 3.2	# 4 3.8	# 5 3.2
# 6 3.8	# 7 4.8	# 8 4.8	# 9 4.0	# 10 4.2
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	
Volts 11.8			Amps 17.8	
Ohms .7			No. 2 C.P. Cable Used	

Remarks: WATER AT 120'. WATER SAMPLE Froze, INSTALLED 320' of
1" P.V.C. vent pipe, Perforated 200'.

meter 1009890

cost 560.99 5500400.

This Rect. is a 40V 16A, & will NOT need to be changed

G.B. 4074.60

Rectifier Size: V AAddn'l Depth Depth Credit: -180 350 - 630.00 ✓Extra Cable: 220' 24 52.80 ✓Ditch & 1 Cable: 220' 70 154.00 ✓25' Meter Pole: 20' Meter Pole: 10' Stub Pole: Junction Box:

225.00 ✓

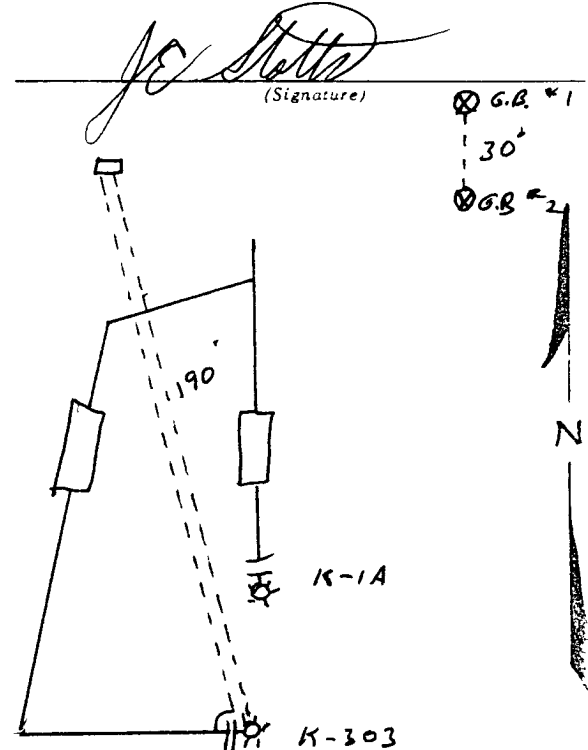
3875.80 ✓

TAX 193.79 ✓

TOTAL

4069.59 ✓

All Construction Completed



190000

5857'

D. Crass DRILLING CO.

Drill No. 3

DRILLER'S WELL LOG

S. P. No. Howell K #303 Date 12-21-88
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>30</u>	<u>SANDSTONE</u>
<u>30</u>	<u>60</u>	<u>SHALE</u>
<u>60</u>	<u>100</u>	<u>SANDSTONE</u>
<u>100</u>	<u>120</u>	<u>SAND</u>
<u>120</u>	<u>140</u>	<u>SHALE</u>
<u>140</u>	<u>185</u>	<u>SANDSTONE</u>
<u>185</u>	<u>320</u>	<u>SHALE</u>

Mud _____ Brn _____ Lime _____

Rock Bit Number _____ Make _____

Remarks: Water @ 120'

Driller Rennie Brown