

100-30-039-07404

4840

57-30-039-07405

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

Operator MERIDIAN OIL CO. Location: Unit M Sec. 13 Twp. 28 Rng. 6

Name of Well/Wells or Pipeline Serviced San Juan 28 - 6 # 100 & # 57

cps 721w

Elevation 6437 Completion Date 9/11/90 Total Depth 240 Land Type N/A

Casing Strings, Sizes, Types & Depths 20 ft. 8" PVC Casing

If Casing Strings are 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: Fresh Clear
Salty, Sulphur, Etc. water at 60 ft. got sample

REC'D

MAY 31 1991

OIL CON DIV
\ DIST. 3

Depths gas encountered: N/A

Ground bed depth with type & amount of coke breeze used: 230 ft. with 3900 lbs. of Ashbury Petroleum Coke

Depths anodes placed: 190, 180 170, 160, 150, 140, 130, 120, 110, 100

Depths vent pipes placed: 240 ft. 1" PVC Vent Pipe

Vent pipe perforations: Perforated 180 ft.

Remarks: (gb) #2

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.

28

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

Drilling Log (Attach Hereto) ☐

Completion Date 9-11-90

CPS #	Well Name, Line or Plant:	Work Order #	Static:	Ins. Union Check
721-W	SJ 28-6 # 100 SJ-28-6 # 57			☐ Good ☐ Bad
Location:	Anode Size:	Anode Type:	Size Bit:	
M13-28-6	2" x 60"	AND TEC	6 3/4	
Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs. Cable Used	Lost Circulation Mat'l Used
240'	230'		3900	
Anode Depth				
# 1 190	# 2 180	# 3 170	# 4 160	# 5 150
# 6 140	# 7 130	# 8 120	# 9 110	# 10 100
Anode Output (Amps)				
# 1 3.2	# 2 3.8	# 3 4.8	# 4 5.4	# 5 5.9
# 6 5.4	# 7 5.2	# 8 5.8	# 9 5.2	# 10 5.1
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 12.3	Amps 16.4	Ohms 1.75	No. 8 C.P. Cable Used	No. 2 C.P. Cable Used

Remarks: DRILLER SAID WATER AT 60'. GOT SAMPLE. SET 20' OF 8" PVC CDS. WATER STANDING AT 40' NEXT A.M. - RAN 240' OF 1" PVC VENT PIPE. PERF. 180' OF VENT PIPE - LEFT COKE APPROXIMATELY 75'

Rectifier Size: _____ V _____ A
Addn'l Depth _____
Depth Credit: _____
Extra Cable: 10'
Ditch & 1 Cable: 80'
25' Meter Pole: _____
20' Meter Pole: _____
10' Stub Pole: _____
Junction Box: _____

All Construction Completed

Willis Knight Jr.
(Signature)

GROUND BED LAYOUT SKETCH

New location

28-6 # 100
O.G.B. # 2
80'
Rect.
28-6 # 57
O.G.B. # 1

N

BURG CORROSION SYSTEMS, INC.

**P.O. BOX 1359 - PHONE 334-6141
AZTEC, NEW MEXICO 87410**

COMPANY MERIDIAN OIL

DAILY DRILLING REPORT: 7-11

19 20

WELL NAME:

WELL NUMBER:

SECTION:

TOWNSHIP:

RANGE

SAN JUAN

57-~~5~~-100

M 13

28

6.

WATER AT:

FEET:

HOLE MADE:

60'

240

DESCRIPTION OF FORMATION

[illegible]

REMARKS:

REMARKS: Set 20' 8" PVC Casing - Hot water sample drilled to 246' - Good quality shale.

Drinking

Brian L. Burge

Tool Dresser

CONSTRUCTION LOGGING READINGS

Kidian Oil

CIS #: 721-W WELL NAME: 5928-6 #100+57 LOCATION: M13-286 DATE: 9-11-90

TOTAL VOLTS: 12.3 TOTAL AMPS: 16.4 OHMS RESISTANCE: .75

												ANODE READINGS			
DEEP	LOG ANODE	ANODE NO.	DEEP	LOG ANODE	ANODE NO.	DEEP	LOG ANODE	ANODE NO.	DEEP	LOG ANODE	ANODE NO.	NO.	DEPTH	NO COKE	WITH COKE
5			185	1.2		365			545			1	190	1.2	3.2
10			190	1.2	1	370			550			2	180	1.5	3.8
15			195	.90		375			555			3	170	1.9	4.8
20			200	.70		380			560			4	160	2.1	5.4
25			205	.60		385			565			5	150	2.2	5.9
30			210	.60		390			570			6	140	2.2	5.4
35			215	.70		395			575			7	130	2.1	5.2
40			220	1.3		400			580			8	120	2.4	5.8
45			225	1.3		405			585			9	110	1.9	5.2
50			230	1.2	TA	410			590			10	100	2.2	5.1
55			235			415			595						
60	.70		240			420			600						
65	.80		245			425			605						
70	.40		250			430			610						
75	.40		255			435			615						
80	.80		260			440			620						
85	.40		265			445			625						
90	.40		270			450			630						
95	.40		275			455			635						
100	1.9	10	280			460			640						
105	2.1		285			465			645						
110	1.8	9	290			470			650						
115	1.5		295			475			655						
120	2.2	8	300			480			660						
125	2.1		305			485			665						
130	1.8	7	310			490			670						
135	1.6		315			495			675						
140	2.0	6	320			500			680						
145	2.3		325			505			685						
150	1.9	5	330			510			690						
155	2.3		335			515			695						
160	1.8	4	340			520			700						
165	1.9		345			525			705						
170	1.8	3	350			530			710						
175	1.0		355			535			715						
180	1.3	2	360			540			720						

REMARKS: SET 20' OF 8" PVC CASING. DRILLER SAID WATER AT 60' WATER STANDING AT 40' NEXT A.M. GOT WATER Sample.

API WATER ANALYSIS REPORT FORM

Laboratory No.

Company MERIDIAN OIL COMPANY		Sample No. CPS 721-W	Date Sampled 10th Sept., 1990
Field	Legal Description N 13-28-06	County or Parish	State
Lease or Unit	Well ST 28-6 #574100	Depth 100'	Formation
Type of Water (Produced, Supply, etc.)		Sampling Point C 60'	Water, B/D
		Sampled By M.D. McFarland	



TECH, Inc.
333 East Main
Farmington
New Mexico
87401
505/327-3311

DISSOLVED SOLIDS

CATIONS

Sodium, Na (calc.)
Calcium, Ca
Magnesium, Mg
Barium, Ba

mg/l

me/l

73
63
16
—

3.18
3.13
1.32
—

OTHER PROPERTIES

pH

Specific Gravity, 60/60 F.

Resistivity (ohm-meters) @ 62 F.

7.36
0.9647
6.3

Total Dissolved Solids (calc.)

556

ANIONS

Chloride, Cl
Sulfate, SO₄
Carbonate, CO₃
Bicarbonate, HCO₃

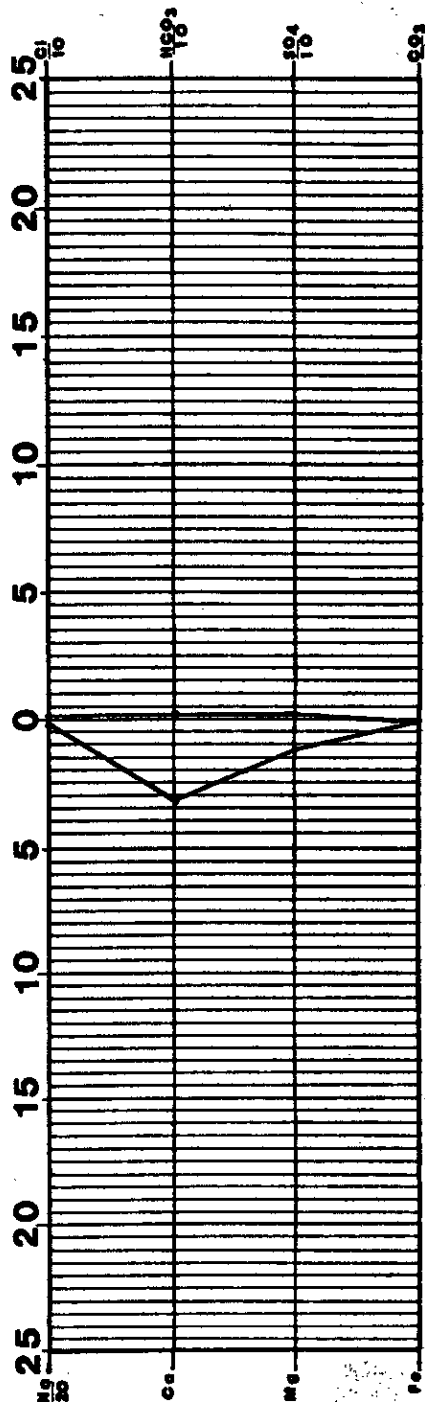
28
148
—
229

0.80
3.08
—
3.75

Iron, Fe (total)
Sulfide, as H₂S

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REMARKS & RECOMMENDATIONS:



Date Received 17th Sept., 1990.	Preserved	Date Analyzed 18th Sept., 1990.	Analyzed By R.H.
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