

4949

Operator MERIDIAN OIL Location: Unit A Sec. 7 Twp 30 Rng 9
Name of Well/Wells or Pipeline Serviced PIERCE #1, PIERCE #250
Elevation 6364 Completion Date 7/23/90 Total Depth 500' Land Type* N/A
Casing, Sizes, Types & Depths 20' OF 8" PVC SET
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. 200' SAMPLE TAKEN
Depths gas encountered: N/A
Type & amount of coke breeze used: 3800 lbs ASHBURY PETROLEUM COKE
Depths anodes placed: 450', 443', 436', 429', 422', 415', 400', 390', 380', 331'
Depths vent pipes placed: 500' 1" VENT PIPE
Vent pipe perforations: 300'
Remarks: qb #3

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MAY 31 1991

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~~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 7-23-90

CPS #	Well Name, Line or Plant:	Work Order #	Static:	Ins Union Check
45-W	Pierce # 3			☒ Good ☐ Bad
	Pierce # 250			
Location:	Anode Size	Anode Type	Size Bit:	
A7-30-9	2" X 60"	ANOTEC	6 3/4	
Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs Coke Used	Lost Circulation Mat'l Used
500	455		3800	5
No Sacks Mud Used				
12				
Anode Depth				
# 1 450	# 2 443	# 3 436	# 4 429	# 5 422
# 6 415	# 7 400	# 8 390	# 9 380	# 10 331
Anode Output (Amps)				
# 1 1.5	# 2 1.7	# 3 1.7	# 4 1.7	# 5 1.7
# 6 1.7	# 7 1.5	# 8 1.5	# 9 1.6	# 10 1.1
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			No. 8 C.P. Cable Used	
Volts 12.5			No. 2 C.P. Cable Used	
Amps 23.6				
Ohms 152				

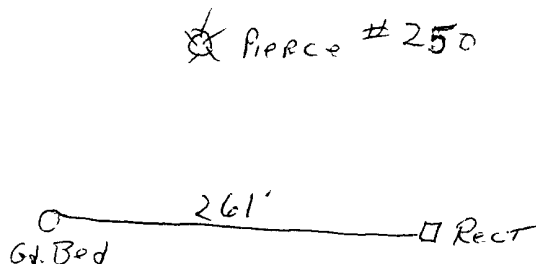
Remarks: DRILLER said hit water at 200' DRILLED TO 500. Hole cased IN TO 460, mudded up and cleaned out TO 500. Hole filled TO 455. Spaced Anodes 7' APART. Counter Skipped 100' on #7. Pulled #7 out of hole after coke settled and ran another anode TO 3' and covered with coke. Ran 500' of 1" VENT Pipe, Perforated 300' of VENT Pipe. Left coke Breeze APPROXIMATELY 310' from surface. Final Reading on Ground Bed was NOT good. Got water sample

Rectifier Size: _____ V _____ A
 Addn'l Depth: _____
 Depth Credit: _____
 Extra Cable: 10
 Ditch & 1 Cable: 261'
 25' Meter Pole: _____
 20' Meter Pole: _____
 10' Stub Pole: _____
 Junction Box: 1

All Construction Completed

Wills Knight Jr
(Signature)

GROUND BED LAYOUT SKETCH



CONSTRUCTION LOGGING READINGS

MERIDIAN 011

CPS #: 45 W WELL NAME: Pierce #3 + 250 LOCATION: A7-30-9 DATE: 7-23-90

TOTAL VOLTS: 12.5 TOTAL AMPS: 23.6 OHMS RESISTANCE: .52

												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			365	.80		545			1	450	1.3	1.5
10			190			370	.90	g	550			2	443	1.3	1.7
15			195			375	1.0		555			3	436	1.4	1.7
20		-	200	.60		380	1.0	8	560			4	429	1.4	1.7
25			205	.50		385	1.0		565			5	422	1.4	1.7
30			210	.50		390	1.0	7	570			6	415	1.4	1.7
35			215	.50		395	1.0		575						
40			220	.50		400	1.0	6	580			7	400	1.1	1.5
45			225	.70		405	1.0		585			8	390	1.2	1.5
50			230	.80		410	1.2	5	590			9	380	1.2	1.6
55			235	.80		415	1.2		595			10	331	.90	1.1
60			240	.90		420	1.2	4	600						
65			245	.90		425	1.2		605						
70			250	.70		430	1.1	3	610						
75			255	.60		435	1.2		615						
80			260	1.0		440	1.2	2	620						
85			265	.40		445	1.2		625						
90			270	.50		450	1.1	1	630						
95			275	.40	T.D	455	1.1		635						
100			280	.40		460			640						
105			285	.40		465			645						
110			290	.30		470			650						
115			295	.30		475			655						
120			300	.40	✓	480			660						
125			305	.50		485			665						
130			310	.50		490			670						
135			315	.60		495			675						
140			320	.70		500			680						
145			325	.60		505			685						
150			330	.80	10	510			690						
155			335	.80		515			695						
160			340	.80		520			700						
165			345	.70		525			705						
170			350	.60		530			710						
175			355	.40		535			715						
180			360	.20		540			720						

REMARKS: HIT WATER AT 200', DRILLED TO 500' ON 7-22-90, NEXT A.M. Hole had Filled To 440. ON 7-25-90 MIXED 3 PITS OF Heavy Mud WITH cedar FIBER, COTTONSEED hulls AND Gel, Pumped in Hole and left overnight. MIXED 3 PITS OF Heavy mud with hull & FIBER got CIRCULATION ON 7-26-90 A.M. - cleaned out hole, lost 45' loaded hole. COUNTER SKIPPED 100' ON #7 ANODE. Pulled out of hole and Ran ANOTHER ANODE IN, SET IT AT 331' and covered with COKE

API WATER ANALYSIS REPORT FORM

Laboratory No. *M. McFarland*

Company <i>Meridian Oil Co</i>		Sample No. <i>2</i>	Date Sampled <i>7-20-90</i>
Field	Legal Description <i>A 7-30-9</i>	County or Parish	State
Lease or Unit <i>Pierce</i>	Well <i># 250</i>	Depth	Formation
Type of Water (Produced, Supply, etc.) <i>Ground brk</i>		Sampling Point	Water, B/D
		Sampled By	

DISSOLVED SOLIDS

CATIONS

	mg/l	me/l
Sodium, Na (calc.)	<i>329</i>	<i>14.3</i>
Calcium, Ca	<i>411</i>	<i>20.5</i>
Magnesium, Mg	<i>26</i>	<i>2.1</i>
Barium, Ba	<i>0</i>	<i>0</i>

OTHER PROPERTIES

pH	<i>7.33</i>
Specific Gravity, 60/60 F.	<i>1.0050</i>
Resistivity (ohm-meters) <i>73</i> F.	<i>3.90</i>

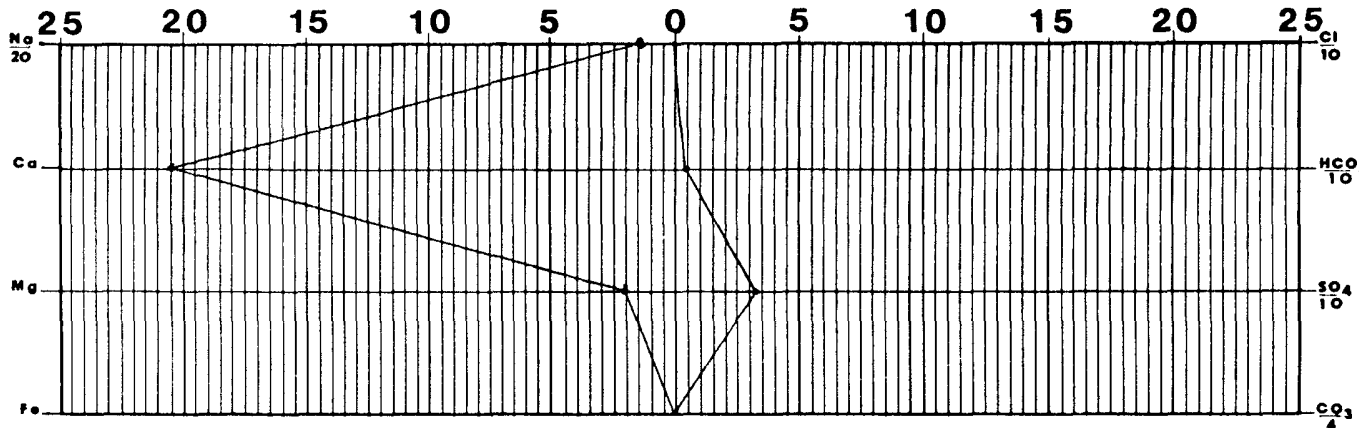
Total Dissolved Solids (calc.) *2570*

ANIONS

Chloride, Cl	<i>27</i>	<i>0.8</i>
Sulfate, SO_4	<i>1548</i>	<i>32.3</i>
Carbonate, CO_3	<i>0</i>	<i>0</i>
Bicarbonate, HCO_3	<i>232</i>	<i>3.8</i>

Iron, Fe (total)
Sulfide, as H_2S *0*

REMARKS & RECOMMENDATIONS:



Date Received <i>8/14/90</i>	Preserved	Date Analyzed <i>8/16/90</i>	Analyzed By <i>DRH</i>
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