

Jan. 1 '84 8:26

TRF 1-35 CADD0 COUNTY OK

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JAN 01 '94 03141 S-S HOBBS 5053923625

REPORT NO.
136086

PAGE NO. 1

TEST DATE:
30-DEC-1983

S T A R

Schlumberger Testing Data Report
Pressure Data Report

COMPANY: MARATHON OIL COMPANY

WELL: WARR STATE # 1 #6

TEST IDENTIFICATION

Test Type OH DST
 Test No. ONE
 Formation LO WOLF CAMP
 Test Interval (ft) 8900 to 10057
 Depth Reference GL

WELL LOCATION

Field VACUUM
 County LEA
 State NEW MEXICO
 Sec/Twp/Rng 531717S835E
 Elevation (ft) 5478

HOLE CONDITIONS

Total Depth (MD/TVD) (ft) 10057
 Hole Size (in) 7.75
 Casing/Liner I.D. (in)
 Perf'd Interval/Net Pay (ft) .. / 60
 Shot Density/Diameter (in)

MUD PROPERTIES

Mud Type PAC PLUS
 Mud Weight (lb/gal) 8.8
 Mud Resistivity (ohm.m) 3.28 @ 62F
 Filtrate Resistivity (ohm.m) ..
 Filtrate Chlorides (ppm) 2000

INITIAL TEST CONDITIONS

Initial Hydrostatic (psi) 4567.88
 Gas Cushion Type
 Surface Pressure (psi)
 Liquid Cushion Type
 Cushion Length (ft)

TEST STRING CONFIGURATION

Pipe Length (ft)/I.D. (in) ... 9157 / 3.83
 Collar Length (ft)/I.D. (in) .. 888 / 2.25
 Packer Depth (ft) 9894, 9900.
 Bottomhole Choke Size (in)94
 Gauge Depth (ft)/Type 9874/ST-20393

NET PIPE RECOVERY

Volume	Fluid Type	Properties
	GAS CUT ONLY	
	MUD W/TRACE	
2550 ft	OTL CUT MUD	
30.0 bbl		Res. 0.44 @ 62F 1000ppm

NET SAMPLE CHAMBER RECOVERY

Volume	Fluid Type	Properties
2.85 cuft	Gas	
200 cc	Oil	API 30 @ 58F
Pressure:	GOR: 2263	GLR: 2263

INTERPRETATION RESULTS

Model of Behavior
 Fluid Type Used for Analysis ..
 Reservoir Pressure (psi)
 Transmissibility (md.ft/cp) ..
 Effective Permeability (md) ..
 Skin Factor/Damage Ratio
 Storage Ratio, Omega
 Interporous Flow Coef. Lambda ..
 Distance to an Anomaly (ft) ..
 Radius of Investigation (ft) ..
 Potentiometric Surface (ft) ..

ROCK/FLUID/WELLBORE PROPERTIES

Oil Density (deg. API)
 Basic Solids (%)
 Gas Gravity
 GOR (scf/STB)
 Water Cut (%)
 Viscosity (cp)
 Total Compressibility (1/psi) ..
 Porosity (%) 8
 Reservoir Temperature (F)
 Form. Vol. Factor (bbl/STB)

PRODUCTION RATE DURING TEST: Data Report

COMMENTS:

DID NOT RECORDER SAMPLE CHAMBER PSI OIL RING ON DRAIN VALVE WAS CUT WHEN WE DRAINED IT.