

REPORT NO.
129791

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TEST DATE:
14-Dec-1991

S T A R

Schlumberger Testing Data Report,
Pressure Data Report

Schlumberger

COMPANY: Collins & Ware, Inc.

WELL: Sheep Draw Fed #1

TEST IDENTIFICATION

Test Type OH-DST
 Test No. 1
 Formation Cherry Canyon
 Test Interval (ft) 2521 to 2577
 Depth Reference KB

WELL LOCATION

Field Wildcat
 County Eddy
 State New Mexico
 Sec/Twn/Rng S33T22SR26E
 Elevation (ft) 3304

HOLE CONDITIONS

Total Depth (MD/TVD) (ft) 2577
 Hole Size (in) 8.50
 Casing/Liner I.D. (in)
 Perf'd Interval/Net Pay (ft) .. / 23
 Shot Density/Diameter (in) ..

MUD PROPERTIES

Mud Type Cut Brine
 Mud Weight (lb/gal) 8.8
 Mud Resistivity (ohm.m)188 @ 60F
 Filtrate Resistivity (ohm.m) ..
 Filtrate Chlorides (ppm) 42000

INITIAL TEST CONDITIONS

Initial Hydrostatic (psi) 1164.60
 Gas Cushion Type
 Surface Pressure (psi)
 Liquid Cushion Type
 Cushion Length (ft)

TEST STRING CONFIGURATION

Pipe Length (ft)/I.D. (in) ... 1737 / 3.83
 Collar Length (ft)/I.D. (in) .. 744 / 2.31
 Packer Depths (ft) 2515, 2521,
 Bottomhole Choke Size (in)94
 Gauge Depth (ft)/Type 2571/SB-20218

NET PIPE RECOVERY

Volume	Fluid Type	Properties
10 ft	Oil	API 37.5@60F
377 ft	Orig Fluid	Rw.187@60F 48000ppm

NET SAMPLE CHAMBER RECOVERY

Volume	Fluid Type	Properties
0 out	Gas	
340 cc	Oil	API 46.5@60F
2000 cc	Water	Rw.188@60F 42000ppm
Pressure: 145		GOR: 0
		GLR: 0

INTERPRETATION RESULTS

Model of Behavior
 Fluid Type Used for Analysis ..
 Reservoir Pressure (psi)
 Transmissibility (md.ft/op) ..
 Effective Permeability (md) ..
 Skin Factor/Damage Ratio
 Storativity 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 (%) 12
 Reservoir Temperature (F) 75
 Form. Vol. Factor (bbl/STB)

PRODUCTION RATE DURING TEST: Data Report

COMMENTS:

Seat began to fail 4 min into final flow. Shut tool in and filled backside, reopened tool and set 10000 more pounds on packers, seat failed again. Aborted test and tripped out of hole. Initial flow and shutin were valid. Thank you for using Schlumberger. If you have any questions regarding this report please call the Testing district at (915) 563-1434.