

REPORT NO.
17102F

PAGE NO. 1

TEST DATE:
15-DEC-86

WELL PERFORMANCE TESTING™ REPORT

A Production System Analysis (NODAL™ O. C. D.)
Based On Model Verified™ Interpretation

RECEIVED BY

FLOPETROL JOHNSTON

MAR 17 1987

Schumberger

Company: SANTA FE ENERGY *Op Ptnr. L.P.*

Well: PARKWAY STATE 26 #1 - DST #1

TEST IDENTIFICATION

Test Type OH-DST - J-300
Test No. 1
Formation LWR. SAN ANDRES
Test Interval (ft) 3638 - 3694
Reference Depth KELLY BUSHING

WELL LOCATION

Field
County EDDY
State NEW MEXICO
Sec/Twn/Rng S36T19SR29E
Elevation (ft) 3355

HOLE CONDITIONS

Total Depth (MD/TUD) (ft) 3694 / 3694
Hole Size (in) 7 7/8
Casing/Liner I.D. (in) 8 5/8
Perf'd Interval/Net Pay (ft).. -- / 16
Shot Density/Diameter (in) ...

MUD PROPERTIES

Mud Type FRESH WATER
Mud Weight (lb/gal) 8.5
Mud Resistivity (ohm.m) 4.0 @ 60 DEG. F
Filtrate Resistivity (ohm.m)..
Filtrate Chlorides (ppm) 1700

INITIAL TEST CONDITIONS

Initial Hydrostatic (psi) 1593
Gas Cushion Type NONE
Surface Pressure (psi) --
Liquid Cushion Type NONE
Cushion Length (ft) --

TEST STRING CONFIGURATION

Pipe Length (ft)/I.D. (in) ... 2949 / 3.83
Collar Length (ft)/I.D. (in).. 646 / 2.25
Packer Depths (ft) 3633 & 3638
Bottomhole Choke Size (in) ... 0.94
Gauge Depth (ft)/Type 3626 / J-300

NET PIPE RECOVERY

Volume	Fluid Type	Properties
45 FT.	OIL	27.3 DEG. API @ 60 D
45 FT.	DRLG. FLUID	RW=2.4 @ 60 DEG. F.
		2700 PPM CL.

NET SAMPLE CHAMBER RECOVERY

Volume	Fluid Type	Properties
0.45 SCF	GAS	
1570 CC	OIL	27.3 DEG. API @ 60
Pressure: 75 GOR: 46 GLR: 46		

INTERPRETATION RESULTS

Model of Behavior
Fluid Type Used for Analysis . OIL
Reservoir Pressure (psi)
Transmissibility (md.ft/cp) ..
Effective Permeability (md) ..
Skin Factor/Damage Ratio
Storativity Ratio
Interporosity Flow Coeff.
Distance to an Anomaly (ft) ..
Radius of Investigation (ft)..
Potentiometric Surface (ft) ..

ROCK/FLUID/WELLBORE PROPERTIES

Oil Density (deg. API) 27.3
Basic Solids (%)
Gas Gravity 0.650
Water Cut (%) 0
Viscosity (cp)
Total Compressibility (1/psi).
Porosity (%) NOT GIVEN
Reservoir Temperature (F) 87
Form.Vol.Factor (bbl/STB)

PRODUCTION RATE DURING TEST: --

COMMENTS:

THE SHUT-IN PRESSURE BUILD-UPS ARE NOT CONSIDERED TO BE RELIABLE RESERVOIR VALUES, AS THE BY-PASS WAS INADVERTENTLY OPENED DURING CYCLING THE TOOL AND DURING NEITHER SHUT-IN PERIOD DID THE PRESSURE RESPONSE OVERCOME THE EFFECTS OF THE HYDROSTATIC PRESSURE ENCOUNTERED.