

Conservation Division

Form C-5 Revised

TYPE TEST: Initial Annual Workover Reclassification TEST DATE:

Company: GIANT EXPLORATION & PRODUCTION Lease: NOVINGER SOUTH Well No.: 1

County: MEADE Location: NENESE Section: 2 Township: 34S Range: 30 Acres:

Field: UNNAMED Reservoir: COUNCIL GROVE & NOVINGER Pipeline Connection: PANHANDLE EASTERN PIPELINE CO.

Completion Date: 06/14/93 Type Completion (Describe): PERF Plug Back T.D.: 5400' Packer Set At: NONE

Production Method: Pumping Type Fluid Production: OIL & GAS API Gravity of Liquid/Oil: 40°

Flowing Casing Size: 5 1/2" Weight: 15.5# I.D.: 4.95" Set At: 6047' Perforations: 3172'-3178', 5300'-5304' To:

Tubing Size: 2 3/8" Weight: 4.7# I.D.: 2.375" Set At: 5354' Perforations: To:

Pretest: Starting Date: 7-22-96 Time: 10:00 Ending Date: 7-22-96 Time: 10:00 Duration Hrs.: 24

Test: Starting Date: 7-22-96 Time: 10:00 Ending Date: 7-23-96 Time: 10:00 Duration Hrs.: 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure		Separator Pressure				Choke Size			
Casing:	Tubing:					<u>Open</u>			
Bbls./In.	Tank	Starting Gauge			Ending Gauge			Net Prod. Ebls.	
	Size Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
<u>1.67</u>					<u>10</u>	<u>2 1/2"</u>	<u>204.6</u>		
Pretest:									
Test:	<u>300</u>	<u>N/A</u>	<u>10'</u>	<u>2 1/2</u>	<u>204.6</u>	<u>10'</u>	<u>9"</u>	<u>215.4</u>	<u>10.8</u>
Test:	<u>H<sub>2</sub>O</u>							<u>620</u>	

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections				Orifice Meter Range			
Pine Taps:		Flange Taps:		Differential:		Static Pressure:	
Measuring Device	Run-Prover-Tester Size	Orifice Size	Meter-Prover-Tester In. Water	Pressure Psig or (Pd)	Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)
Orifice Meter	<u>3"</u>	<u>.750</u>	<u>2</u>	<u>66.8</u>	<u>2"</u>	<u>WATER 80°</u>	
Critical Flow Prover							
Orifice Well Tester						<u>AUG 02 1996</u>	<u>08-03-96</u>

GAS FLOW RATE CALCULATIONS (R)

Gcoeff. MCFD (Fb)(Fp)(CWTC)	Meter-Prover Press. (Psia) (Pm)	Extension $\sqrt{hw \times Pm}$	Gravity Factor (Fg)	Flowing Temp. Factor (Ft)	Deviation Factor (Fpv)	Chart Factor (Fd)
<u>2.740</u>	<u>80</u>	<u>12.649</u>	<u>1.00</u>	<u>1.00</u>	<u>1.006</u>	

Gas Prod. MCFD: 35.0 Oil Prod. Bbls./Day: 10.8 Gas/Oil Ratio (GOR) = 3,240 Cubic Ft. per Bbl.

The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct. Executed this the 23 day of July 1996

For Offset Operator: Gary Winters For State: Gary Winters For Company: Tracy Patterson