

STATE OF KANSAS - CORPORATION COMMISSION
 PRODUCTION TEST & GOR REPORT

Conservation Division

Form C-5 Revised

TYPE TEST: Initial Annual Workover Reclassification TEST DATE: 7-3-84

Company: MOBIL OIL Lease: KERNANAN Well No.: 3

County: HARPER Location: C-SE-SE-NE 7 Township: 31S Range: 8W Acres: 40

Field: SPIVEY - GRABS Reservoir: MISS Pipeline Connection: K.G.S.

Completion Date: 4-24-84 Type Completion (Describe): Cased hole Plug Back T.D.: 4453 Packer Set At: No

Production Method: Flowing Pumping Gas Lift Type Fluid Production: Oil & water API Gravity of Liquid/Oil: 32

Casing Size: 5.5 Weight: 15.5 I.D.: Set At: 4500 Perforations: 4416 To: 4428

Tubing Size: 2 3/8 Weight: 4.7 I.D.: Set At: Perforations: To:

Pretest: Starting Date: Time: Ending Date: Time: Duration Hrs.

Test: Starting Date: Time: Ending Date: Time: Duration Hrs.

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure		Separator Pressure			Choke Size				
Casing:	Tubing:								
Bbls./In.	Tank	Starting Gauge			Ending Gauge			Net Prod. Bbls.	
	Size Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:									
Test:	200	2	0		3	2		75	23.38
Test:									

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections		Orifice Meter Range				Static Pressure:		
Pipe Taps:	Flange Taps:	Differential:						
Measuring Device	Run-Prover-Tester Size	Orifice Size	Meter-Prover In. Water	Tester Pressure In. Merc.	Pressure Psig or (Pd)	Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)
Orifice Meter	4	1.00			5.5	6.2	.750	60
Critical Flow Prover								
Orifice Well Tester								

GAS FLOW RATE CALCULATIONS (R)

Coeff. (Fb)(Fp)(OWTC)	Meter-Prover Press. (Psia)	Extension (Pm)	Gravity Factor (Fg)	Flowing Temp. Factor (Ft)	Deviation Factor (Fpv)	Chart Factor (Fd)

Gas Prod. MCFD: 77 Oil Prod. Bbls./Day: 23 Gas/Oil Ratio (GOR) = 3,348 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 3 day of 7 1984.

For Offset Operator

For State

RECEIVED
 STATE CORPORATION COMMISSION
 For Company

RECEIVED

JUL 16 1984

AUG 24 1984

8-24-84
 CONSERVATION DIVISION
 Wichita, Kansas