

Conservation Division

TYPE TEST: Initial Annual Workover Reclassification TEST DATE:

Company: GRAVES DRILLING CO., INC. Lease: Simpson #2 Well No.:

County: Harper Location: N½ NW SE Section: Township: 4-32S-9W Range: Acres: 60

Field: Spivey-Grabs (Non Prorated) Reservoir: Mississippian Pipeline Connection: TRIDENT/NCRA

Completion Date: 8-10-87 Type Completion (Describe): Single Plug Back T.D. Packer Set At

Production Method: Type Fluid Production: Oil & Water API Gravity of Liquid/Oil: 27

Flowing Pumping x Gas Lift Casing Size: 5½ Weight: 15½ I.D.: 4336' Perforations: To

Tubing Size: 2 1/2" Weight: I.D.: Set At Perforations: To

Pretest: Starting Date 5-04-94 Time 8:00 a Ending Date 5-05-94 Time 8:00 a Duration Hrs. 24

Test: Starting Date 5-05-94 Time 8:00 a Ending Date 5-06-94 Time 8:00 a Duration Hrs. 24

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:	200 47516	4	3	85.14	4	3¼	75.56	40	.42
Test:	200 47516	4	3¼	85.56	4	3½	85.98	40	.42
Test:									

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections		Orifice Meter Range						
Pipe Taps:	Flange Taps:	Differential:			Static Pressure:			
Measuring Device	Run-Prover-Tester Size	Orifice Size	Meter-Prover-Tester Pressure			Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)
			In. Water	In. Merc.	Psig or (Pd)			
Orifice Meter		3/4"					.666	
Critical Flow Prover								
Orifice Well Tester								

GAS FLOW RATE CALCULATIONS (R)

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

Gas Prod. MCFD: 40 Oil Prod. Bbls./Day: .42 Gas/Oil Ratio (GOR) = 95,238 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 25th day of May 19 94

RECEIVED

For Offset Operator

For State

Graves Drilling Co., Inc.

For Company

JUN 07 1994  
 6-7-94  
 CONSERVATION DIVISION  
 WICHITA, KS