

STATE OF KANSAS - CORPORATION COMMISSION
 PRODUCTION TEST & GOR REPORT

15-077-20894-0000

Conservation Division

Form C-5 Revised

TYPE TEST: Initial Annual Workover Reclassification TEST DATE:

Company: GRAVES DRILLING CO., INC. Lease: Simpson #1 Well No.:

County: Harper Location: E 1/2 NE SW Section: Township: Range: Acres: 60

Field: Spivey-Grabs (Non Prorated) Reservoir: Mississippian Pipeline Connection: OXY USA

Completion Date: 12-27-76 Type Completion(Describe): Single Plug Back T.D. Packer Set At:

Production Method: Type Fluid Production API Gravity of Liquid/Oil

Flowing Pumping x Gas Lift Oil & Water 27.1

Casing Size 5 1/2 Weight 15 1/2 I.D. Set At Perforations To

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

Pretest: Starting Date 5-20-93 Time 8:00 a Ending Date 5-21-93 Time 8:00 a Duration Hrs. 24

Test: Starting Date 5-21-93 Time 8:00 a Ending Date 5-22-93 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	3	11	78.48	4	1/2	80.98	80	2.50
Test:	200	47516	4	1/2	80.98	4	2 1/4	83.89	80	2.91
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		CD	Press. (hd)	Gravity Gas (Gg)	Flowing Temp. (t)
			In. Water	In. Merc.	Psig or (Pd)	(Pd)		
Orifice Meter		3/4"					.666	
Critical Flow Prover								
Orifice Well Tester								

GAS FLOW RATE CALCULATIONS (R)

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

Gas Prod. MCFD Flow Rate (R): 70 Oil Prod. Bbls./Day: 2.91 Gas/Oil Ratio (GOR) = 24,054 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 22nd day of May 1993

RECEIVED JUN 15 1993 DISTRICT #2 WICHITA, KS

For Offset Operator: For State: For Company: Graves Drilling Co., Inc.

JUN 14 1993

Form C-5 (5/88)

CONSERVATION DIVISION WICHITA, KS