

15-077-28394-0000

STATE OF KANSAS - CORPORATION COMMISSION  
 PRODUCTION TEST & GOR REPORT

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: 4-32S-9W Range: Acres: 60

Field: Spivey-Grabs 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: 27.1

Flowing Pumping x Gas Lift Oil & Water

Casing Size: 5 1/2 Weight: 15 1/2 I.D. Set At Perforations: To 4327'

Tubing Size: 2 1/2 Weight: I.D. Set At Perforations: To 4342'

Pretest: Starting Date: 5-25 Time: 8:00 Ending Date: 5-26 Time: 8:00 Duration Hrs.: 24

Test: Starting Date: 5-26 Time: 8:00 Ending Date: 5-27 Time: 8:00 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	7 3 1/2 145.85	7 6 1/4 150.42		80 4.5
Test:	200 47516	7 6 1/2 150.42	7 8 1/2 154.16		80 3.7
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 In. Water In. Merc. Psig or (Pd)	Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)
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): 79 Oil Prod. Bbls./Day: 3.7 Gas/Oil Ratio (GOR) = 21,351 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 \_\_\_\_\_ day of June 19 90

For Offset Operator \_\_\_\_\_ For State \_\_\_\_\_ For Company \_\_\_\_\_  
 Kansas Graves Drilling Co., Inc.