

STATE OF KANSAS - CORPORATION COMMISSION
 PRODUCTION TEST & GOR REPORT

Form C-5 Revised

Conservation Division

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
 4-32S-9W 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: Flowing Pumping x Gas Lift Type Fluid Production Oil & Water API Gravity of Liquid/Oil 27.1

Casing Size 5 1/2 Weight 15 1/2 I.D. Set At Perforations To
 4327' Open Hole 4327' - 4342'

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

Pretest: Starting Date 5-27-92 Time 8:00 a Ending Date 5-28-92 Time 8:00 a Duration Hrs. 24

Test: Starting Date 5-28-92 Time 8:00 a Ending Date 5-29-92 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 47515	3	4 1/2	67.69	3	5 3/4	69.78	80	2.09
Test:	200 47515	3	5 3/4	69.78	3	7	71.86	80	2.08
Test:									

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections			Orifice Meter Range				Static Pressure:	
Pipe Taps:	Flange Taps:	Differential:	Pressure		Flow Press.	Gravity	Flowing	
Measuring Device	Run-Prover-Tester Size	Orifice Size	Meter-Prover In. Water	Tester In. Merc.	Pressure Psig or (Pd)	(hw) or (hd)	Gas (Gg)	Temp. (t)
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 $\sqrt{hw \times Pm}$	Gravity Factor (Fg)	Flowing Temp. Factor (Ft)	Deviation Factor (Fpv)	Chart Factor (Fd)
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Gas Prod. MCFD Flow Rate (R): 78 Oil Prod. Bbls./Day: 2.08 Gas/Oil Ratio (GOR) = 37,500 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 29th day of May 19 92 Kansas Graves Drilling Co., Inc.

For Offset Operator For State For Company

STATE CORPORATION COMMISSION OF KANSAS, CONSERVATION DIVISION

PRODUCTIVITY TEST
BARREL TEST

OPERATOR _____ LOCATION OF WELL _____
LEASE _____ OF SEC. _____ T _____ R _____
WELL NO. _____ COUNTY _____
FIELD _____ PRODUCING FORMATION _____
Date Taken _____ Date Effective _____
Well Depth _____ Top Prod. Form _____ Perfs _____
Casing: Size _____ Wt. _____ Depth _____ Acid _____
Tubing: Size _____ Depth of Perfs _____ Gravity _____
Pump: Type _____ Bore _____ Purchaser _____
Well Status _____
Pumping, flowing, etc.

TEST DATA

Permanent _____ Field _____ Special _____
Flowing _____ Swabbing _____ Pumping _____

STATUS BEFORE TEST:

PRODUCED _____ HOURS

SHUT IN _____ HOURS

DURATION OF TEST _____ HOURS _____ MINUTES _____ SECONDS

GAUGES: WATER _____ INCHES _____ PERCENTAGE

OIL _____ INCHES _____ PERCENTAGE

GROSS FLUID PRODUCTION RATE (BARRELS PER DAY) _____

WATER PRODUCTION RATE (BARRELS PER DAY) _____

OIL PRODUCTION RATE (BARRELS PER DAY) _____ PRODUCTIVITY

STROKES PER MINUTE _____

LENGTH OF STROKE _____ INCHES

REGULAR PRODUCING SCHEDULE _____ HOURS PER DAY.

COMMENTS _____

WITNESSES:

FOR STATE

FOR OPERATOR

FOR OFFSET