

15-077-21157-0000

STATE OF KANSAS - CORPORATION COMMISSION  
 PRODUCTION TEST & GOR REPORT

Form C-5 Revised

**Conservation Division**      **TEST DATE: 9/9/97**

**TYPE TEST:** Initial    Annual    Workover    Reclassification

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

County: Harper    Location: N/2 NW SE    Section: 4-32S-9W    Township:    Range:    Acres: 60

Field: Spivey Grab (NON PROF)    Reservoir: Mississippian    Pipeline Connection: TRIDENT/NCRA

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

Production Method: Pumping: X Gas Lift:    Type Fluid Production: Oil & Water    API Gravity    of Liquid/Oil: 27

Casing Size: 5 1/2    Weight: 15 1/2    I.D.    Set At: 4336'    Perforations:    To:

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

Pretest:    Duration hrs. 24

Starting Date:    0 Time:    Ending Date:    0 Time:    24

Test:    Duration hrs. 24

Starting Date: 9/8/97    Time: 9:00 a    Ending Date: 9/9/97    Time: 9:00 a

**OIL PRODUCTION OBSERVED DATA**

Producing Wellhead Pressure			Separator Pressure				Choke Size				
Casing:		Tubing:		Gauge		Ending		Gauge		NET	
Bbls./In.	TANK size	TANK number	Starting Feet	In.	Barrels	Feet	In.	Barrels	Water	NET BBLs. Oil	
Pretest:	200	47516	0	0	0.00	0	0	0.00		0.00	
Test:	200	47516	4	6	90.18	4	6.75	91.43	50	1.25	
Test:											

**GAS PRODUCTION OBSERVED DATA**

Orifice Meter Connections			Orifice Meter Range				Static Pressure: 31 psi	
Pipe Taps:		Flange Taps:		Differential: 2"				
Measuring Device	Run-Prover-Tester size	Orifice Size	Meter-Prover-Tester In. Water	Pressure In. Merc.	Psig or (Pd)	Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)
Orifice Meter	2"	3/4"	2"		31	2"	0.666	90
Critical Flow Prover								
Orifice Well Tester								

**GAS FLOW RATE CALCULATIONS (R)**

Coeff. MCFD (Fb)(Fp)(OWTC)	Meter-Prov. Press. (Psia)	Extension ' hwx Pm	Gravity Factor (Fg)	Flowing Temp. Factor (Ft)	Deviation Factor (Fp)	Chart Factor (Fd)
2.779	45.4	9.529	1.225	.9723	.973	1.0
Gas Prod. MCFD	Oil Prod. 31 Bbls./Day	1.25	Gas/Oil Ratio (GOR) -	24,800	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 22nd day of September, 1997

For Offse Operator    For State    Graves Drilling Co., Inc.    For Company    Form C-5    (5/88)

9-30-97  
 1997 SEP 30 12:24  
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