15-077-20394-0000

STATE OF KANSAS - CORPORATION COMMISSION
PRODUCTION TEST & GOR REPORT

Conservation Division — **Form C-5 Revised**

TYPE TEST: Initial | Annual | Workover | Reclassificati on — **TEST DATE:** 9/12/97

Company: GRAVES DRILLING CO., INC.		Lease: SIMPSON		Well No.: #1	
County: Harper	Location: E/2 NE SW	Section 4-32S-9W	Township	Range	Acres 60
Field: Spivey Grab (NON PROF)	Reservoir: Mississippian	Pipeline Connection TRIDENT/NCRA			
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 Produciton Oil &	Water	API Gravity of Liquid/Oil 27.1		
Casing Size 5 1/2	Weight 15 1/2	I.D.	Set At 4327'	Perforations Open Hole 4327' - 4342'	To
Tubing Size 2 1/2"	Weight	I.D.	Set At	Perforations	To

Pretest:							Duration hrs.
Starting Date: 9/11/97	Time:		Ending Date: 0	Time:			24
Test:							Duration hrs.
Starting Date: 0	Time: 11:00 a		Ending Date: 9/12/97	Time:	11:00 a		24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure — Separator Pressure — Choke Size

Casing: — Tubing:

Bbls./In.	TANK size	TANK number	Starting Feet	In.	Gauge Barrels	Ending Feet	In.	Gauge Barrels	NET Water	NET BBLS. Oil
Pretest:	200	47516	0	0	0.00	0	0	0.00		0.00
Test:	200	47516	4	10.5	97.70	4	11.8	99.78	80	2.09
Test:										

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections — Orifice Meter Range

Pipe Taps: — Flange Taps: — Differential: 2" — Static Pressure: 31 PSI

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	@ 75.4	9.529	1.225	.9723		.973	1.0

Gas Prod. MCFD Flow Rate (R): 31 — Oil Prod. Bbls./Day: 2.08 — Gas/Oil Ratio (GOR) - 14,922 — Cubic Ft. per Bbl.

The undersigned authority, on behalf of the company, states that he is duly authourized 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

Kansas — Graves Drilling Co., Inc.

For Offset Operator — For State — For Company — Form C-5 (5/88)

9-30-97

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