

15-077-20495-0000
 STATE OF KANSAS - CORPORATION COMMISSION
 PRODUCTION TEST & GOR REPORT

Form C-5 Revised

Conservation Division

TEST DATE:

TYPE TEST: Initial Annual Workover Reclassification Lease

Company McKay Petroleum Corporation Well No. B-3

County Harper Location NW 1/4 Sec 27 Section 27 Township 35S Range 8W Acres

Field Spiky Grabs Reservoir Miss Pipeline Connection High-Lites Service

Completion Date 11-1-78 Type Completion (Describe) Production Plug Back T.D. 4471 Packer Set At

Production Method: Flowing Pumping Gas Lift Type Fluid Production Oil-Base-2W API Gravity of Liquid/Oil 35

Casing Size 4 1/2 Weight 105 I.D. Set At 4471 1/2 Perforations 4441-4447 To

Tubing Size 2 3/8 Weight 4.7 I.D. Set At Perforations To

Pretest: Starting Date Time Ending Date Time Duration Hrs.

Test: Starting Date 10-7-87 Time 8:00 Ending Date 10-7-87 Time 8:00 Duration Hrs. 7A

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure		Separator Pressure				Choke Size			
Casing: <u>10</u> Tubing: <u>70</u>		<u>45"</u>				<u>Open</u>			
Bbls./In.	Tank		Starting Gauge		Ending Gauge		Net Prod. Bbls.		
	Size	Number	Feet	Inches	Feet	Inches	Barrels	Water	Oil
Pretest:									
Test:	<u>200</u>		<u>6</u>	<u>1</u>	<u>173.91</u>	<u>6</u>	<u>2</u>	<u>17358</u>	<u>1.67</u>
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 In. Water	Tester Pressure In. Merc.	Pressure Psig or (Pd)	Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)
Orifice Meter	<u>3</u>	<u>1/2</u>			<u>75</u>	<u>7</u>	<u>250</u>	<u>60</u>
Critical Flow Prover								
Orifice Well Tester								

GAS FLOW RATE CALCULATIONS (R)

Coeff. (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)
<u>1.314</u>		<u>7.07</u>	<u>1.740</u>	<u>1.000</u>	<u>1.000</u>	

Gas Prod. MCFD Oil Prod. Gas/Oil Ratio (GOR) = 6373 Cubic Ft. per Bbl.
 Flow Rate (R): 10,643 Bbls./Day: 1.67

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 7 day of October 1987

RECEIVED
 STATE CORPORATION COMMISSION

For Offset Operator

For State

For Company

OCT 26 1987
 10-26-87
 CONSERVATION DIVISION
 Wichita, Kansas