

STATE OF KANSAS - CORPORATION COMMISSION  
 PRODUCTION TEST & GOR REPORT

15-189-21519-0000

Form C-5 Revised

Conservation Division

TYPE TEST: Initial Annual Workover Reclassification TEST DATE: 1/13/91

Company Mobil Oil Lease Ruella Potts Well No. 2

County Stevens Location Morrow Section 13 Township 31 Range 35 Acres 80

Field Morrow Reservoir Morrow Pipeline Connection Permian / Mobil

Completion Date 12-11-91 Type Completion (Describe) Single Plug Back T.D. 5727 Packer Set At 5249

Production Method: Flowing Pumping Gas Lift Type Fluid Production Oil API Gravity of Liquid/Oil 42.8

Casing Size 5 7/8 Weight 15.5 I.D. 5785 Set At 5324 Perforations 5340 To 5340

Tubing Size 2 7/8 Weight 6.5 I.D. 5340 Set At 5324 Perforations 5340 To 5340

Pretest: Starting Date 1/14/92 Time 9:25 A Ending Date 1/15/91 Time 9:25 A Duration Hrs. 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure 0 Separator Pressure 80 PSIG Choke Size 17/64

Casing: 0 Tubing: 640 PSIG Separator Pressure: 80 PSIG Choke Size: 17/64

| Bbls./In. | Tank |        | Starting Gauge     |        |         | Ending Gauge |        |         | Net Prod. Bbls. |     |     |
|-----------|------|--------|--------------------|--------|---------|--------------|--------|---------|-----------------|-----|-----|
|           | Size | Number | Feet               | Inches | Barrels | Feet         | Inches | Barrels | Water           | Oil |     |
| Pretest:  |      |        |                    |        |         |              |        |         |                 |     |     |
| Test:     |      |        | SEE ATTACHED SHEET |        |         |              |        |         |                 | -0- | 322 |
| Test:     |      |        |                    |        |         |              |        |         |                 |     |     |

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections EGM.C Orifice Meter Range 60416 = 750 MCF/D

Pipe Taps: EGM.C Flange Taps: 61166 Differential: 750 MCF/D Static Pressure: 1-2392

| Measuring Device     | Run-Prover-Tester Size | Orifice Size | Meter-Prover-Tester Pressure |           |              | Diff. Press. (hw) or (hd) | Gravity Gas (Gg) | Flowing Temp. (t) |
|----------------------|------------------------|--------------|------------------------------|-----------|--------------|---------------------------|------------------|-------------------|
|                      |                        |              | In. Water                    | In. Merc. | Psig or (Pd) |                           |                  |                   |
| Orifice Meter        |                        |              | 60416                        |           |              |                           |                  |                   |
| Critical Flow Prover | EGM.C                  |              | 61166                        |           |              |                           |                  |                   |
| Orifice Well Tester  |                        |              |                              |           |              |                           |                  |                   |

GAS FLOW RATE CALCULATIONS (R)

| Coeff. (Fb)(Fp)(OWTC) | Meter-Prover Press. (Psia) | Extension (Pm) | Gravity Factor (Fg) | Flowing Temp. Factor (Ft) | Deviation Factor (Fpv) | Chart Factor (Fd) |
|-----------------------|----------------------------|----------------|---------------------|---------------------------|------------------------|-------------------|
|                       |                            |                |                     |                           |                        |                   |

Gas Prod. MCFD 750 Oil Prod. Bbls./Day: 322 Gas/Oil Ratio (GOR) = 2,330 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 15 day of JANUARY, 1992

Craig E. Swartz For State Ray E. Chase For Company

For Offset Operator \_\_\_\_\_ For State \_\_\_\_\_ For Company \_\_\_\_\_

RAWZ

Ruella Potts #2  
Test

| TAWK #     | open                |           | Close  |            |
|------------|---------------------|-----------|--------|------------|
| 15660      | 3'11 <sup>3/4</sup> | 80        | 14'-6" | 290        |
| 15659      | 7'-0"               | 140       | 2'-4"  | 47         |
| 26424      | 4'-2"               | 83        | 5'-3"  | 105        |
| 26423      | 2'-5"               | <u>48</u> | 2'-7"  | <u>52</u>  |
| open Stock | 351                 |           |        | <u>494</u> |

|     |               |       |         |            |
|-----|---------------|-------|---------|------------|
|     | open          | close | closing | 494        |
| EGM | 60416 - 61166 |       | open    | <u>351</u> |
|     | 750 mcf/D     |       |         | 143        |
|     |               |       | Runs    | <u>179</u> |
|     |               |       | Total   | 322        |

TKT 3350039 179. BBL

RECEIVED  
STATE CORPORATION COMMISSION

JAN 23 1992

CONSERVATION DIVISION  
Wichita, Kansas

Joy Elchase  
1/15/91

Craig E. Swela - kee