Form C-5 (5/88)

## 15-193-20478-00-00 STATE OF KANSAS - CORPORATION COMMISSION

| TFE TEST Initial Annual Workover Reclassification TEST DATE: 7-26-7  Company Lease: 8-27  County Location Section Tomship Range Acres  Please Reservoir Pipeline Connection  Reservoir Pipeline Connection  Completion Date Type Completion Describe) Plug Back T.D. Packer Set At 7-26-89  Froduction Mathod: Type Fluid Production API Gravity of Liquid/Oil Ploying Size Weight I.D. Set At Perforations To Casing Size Weight I.D. Set At Perforations To Duration Hrs.  Final Size Weight I.D. Set At Perforations To Duration Hrs.  Starting Date Time Coll PRODUCTION OBSERVED DATA  Froducing Weilhead Pressure Separator Pressure Casing: Tubing: Tubing: Starting Gauge Rending Gauge Net Prod. Ebbs.  Fretest: 20 64/7 / 3 / 24.3c 8 / 7/2.34 8 7.09  Test: 20 64/7 / 3 / 24.3c 8 / 7/2.34 8 7.09  Test: Casing: Flangs Taus: Fl | Conservat  | tion Di     | vision   |                        | PRODUCTION   | TEST & G   | OR REP                                 | ORT             | 'AU      | G 1 191      | g Form           | C-5 Revised  |  |
|--|--|-------------|----------|------------------------|--------------|--|--|-----------------|----------|--------------|------------------|--------------|--|
| County Location Section Township Range Acres    Tanna's   Reservoir   Pipeline Connection  |  |             |          | Annual                 | Workover     | Recla  | ssific                                 | ation           | I        |              |                  |              |  |
| County Location Section Township Range Acres    Township Reservoir   Pipeline Connection   |  |             |          | <u>کمان کی منظمی</u> ن |              | Lease  |  |                 |          |              |                  |              |  |
| Count of the completion of the | An   | dorg        | on En    | erov Inc               | 7484         | Dey/   | 2221                                   | d.              |          |              | 07               | e -"/"       |  |
| Completion Date Type Completion Describe) Type Flug Back T.D. Type Fluid Production Type Flow Fluid Production Type Fluid Production Type Fluid Fluid Fluid Fluid Fluid Flow Fluid Fluid Fluid Fluid Fluid Fluid Fluid Fluid | County   |             |          |                        |              | Se   | ction                                  | Tow             | nship    | Ran          | ge Acr           | ` <b>e</b> 8 |  |
| Completion Date Type Completion Describe)  Plug Back T.D.  Packer Set At 7-26-89  Froduction Method: Flowing Gas Lift Casing Size  Weight  1.D.  Set At Perforations  To Tubing Size  Weight  1.D.  Set At Perforations  To Tubing Size  Weight  1.D.  Set At Perforations  To  Duration Hrs.  Starting Date  Freetest: Starting Date  OIL PRODUCTION OBSERVED DATA  Producing Wellhead Fressure  Casing: Tubing:  Bbls./in Tank  Starting Gauge  Fine Starting Gauge  Separator Pressure  Choke Size  Casing: Tubing:  Bbls./in Tank  Starting Gauge  Freet Inches Barrels  Feet Inches Barrels  Feet Inches Barrels  Freets:  According Wellhead Freesure  Choke Size  Casing: Tubing:  Bbls./in Tank  Starting Gauge  Freet Inches Barrels  Freet Inches Barrels  Freet Inches Barrels  Freets:  According Cauge  Freets:  According Cauge  Freets:  According Cauge  Freets:  Bols./in Freets:  According Cauge  Freet Inches Barrels  Freets:  According Cauge  F | Thom   | a.c         |          | NE-50                  | F-SE         |  | 22                                     |                 | 9        | 3            | 2 W              |              |  |
| Troduction Method: Froduction Method: Flowing Pumbing Gas Lift Casing Size Weight  Tubing Size  Tubing Size  Tubing Date  Time  OIL PRODUCTION OBSERVED DATA  Froducing Weilhead Pressure  Casing: Tubing:  Tubing: Tubing: Tubing: Tubing: Tubing: Tubing: Tubing: Tubing: Tubing: | Field ,  | ,           |          |                        |              |  |  | Pip             | eline    | Connect      | tion             |              |  |
| Troduction Method: Froduction Method: Flowing Pumbing Gas Lift Casing Size Weight  Tubing Size  Tubing Size  Tubing Date  Time  OIL PRODUCTION OBSERVED DATA  Froducing Weilhead Pressure  Casing: Tubing:  Tubing: Tubing: Tubing: Tubing: Tubing: Tubing: Tubing: Tubing: Tubing: | Uhh Nyriek Station Famin land                                      |             |          |                        |              |  |  |                 |          |              |                  |              |  |
| Flowing Pumbine Cas Lift Casing Size Weight 1.D. Set At Perforations To Hold Height 1.D. Hold Height 1. |  |             |          | Type C                 | completion(  | Describe)  |  | Plu             | g Bac    | k T.D.       | Pac              | ker Set At   |  |
| Flowing Pumbine Cas Lift Casing Size Weight 1.D. Set At Perforations To Hold Height 1.D. Hold Height 1. | 7-26-89 9470/20 4700   |             |          |                        |              |  |  |                 |          |              |                  |              |  |
| Flowing Pumbine Cas Lift Casing Size Weight 1.D. Set At Perforations To Hold Height 1.D. Hold Height 1. | Production Method: Type Fluid Production API Gravity of Liquid/Oil |             |          |                        |              |  |  |                 |          |              |                  |              |  |
| Tubing Size Weight I.D. Set At Perforations To  Pretest: Starting Date 7-25-89 Time 9.00 AM Ending Date 7-2.6-97 Time 9.00 AM Ending Date Test: Starting Date Time Ending Date Time OIL PRODUCTION OBSERVED DATA  Producing Wellhead Fressure Casing: Tubing:  Bols./In. Tank Starting Gauge Ending Gauge Net Prod. Bbls.  // / Size Number Feet Inches Barrels Feet Inches Barrels Water Oil  Pretest: 200 6271 8 3 /65.27 8 7 / 172.36 8 7.09  Test: 200 64/7 / 3 / 24.36 8 7 / 172.36 8 7.09  Test: Bols./In. Gas PRODUCTION OBSERVED DATA  Orifice Meter Connections Orifice Meter-Prover Pressure Data  Orifice Meter Connections Orifice Meter Range Differential: Static Pressure:  Gas PRODUCTION OBSERVED DATA  Orifice Meter Connections Orifice Meter Range Differential: Static Pressure:  Gas Prod. MCFD (Phylom Press. (Psia) (Pm) Mater In.Merc. Psig or (Pd) (hw) or (hd) Gas (Gg) Temp. (t)  Orifice Meter Connections Orifice Meter-Prover-Tester Pressure Data Orifice Meter Size Size In.Water In.Merc. Psig or (Pd) (hw) or (hd) Gas (Gg) Temp. (t)  Gas FLOW RATE CALCULATIONS (R) Wighia, Kansasa  Wighia, Kansasa  Gas FLOW RATE CALCULATIONS (R) Factor (Fp) Factor (Fpv) Factor (Fpd)  Gas Prod. MCFD (Press. (Psia) (Pm) Vhw x Pm Factor (Fg) Factor (Fpt) Factor (Fpv) Factor (Fpd)  Gas Prod. MCFD (Oil Press. (Psia) (Pm) Vhw x Pm Factor (Fg) Factor (Fpt) Factor (Fpv) Factor (Fpd)  Gas Prod. MCFD (Oil Pred. Bols, /Day: Gos (Gos) - Der Rhl  Flow Rate (R): Bols, /Day: Gos (Gos) - Der Rhl   | Flowing  | Pumf        | ing      | as Lift                |              | 624  | de,                                    |                 | W        |              | 700              | 0 0          |  |
| Pretest: Starting Date 7-25-87 Time 9:00 AM Ending Date 7-26-97 Time 9:00 AM 24 AM 25 American Date 7-25-87 Time 9:00 AM 25 AM 25 American Date 7-26-97 Time 9:00 AM 24 AM 25 American Date 7-26-97 Time 9:00 American Date 7-26-97 Time 9 |  |             | Wele     | znt                    | 1.0.         | 4 44   | _                                      | rer             | lorat    | 10 <b>ns</b> | TO               | -/-          |  |
| Pretest: Starting Date 7-25-87 Time 9:00 AM Ending Date 7-26-97 Time 9:00 AM 24 AM 25 American Date 7-25-87 Time 9:00 AM 25 AM 25 American Date 7-26-97 Time 9:00 AM 24 AM 25 American Date 7-26-97 Time 9:00 American Date 7-26-97 Time 9 |  |             | Wasa     | -l- 4                  | T D          | Set A  | <del>-</del>                           | Pan             | fonat    | 3000         | 7 7 9            | 1/2          |  |
| Pretest: Starting Date   | Tubing Si  | .ze<br>//   | MOTE     | gri C                  | 1.0.         |  |  | 1.61            | TOPEC    | TOUS         | 16               |              |  |
| Starting Date  |  |             |          |                        |              |  |  |                 |          |              |                  |              |  |
| Test:    Case    | Pretest:   |             | 7-26 0   | 29 mi                  | 9 · m A M    | Providence :   | Data 2                                 | , A             | 6-09     | m. 0         | Du               | ration Hrs.  |  |
| Starting Date  Time  OIL PRODUCTION OBSERVED DATA  Froducing Wellhead Pressure  Casing:  Tubing:  Bbls./In. Tank  Starting Gauge  Barrels Feet Inches Barrels Water Oil  Pretest: 200 6277 8 3 /65.27 8 7 / 172.34 8 7.09  Test:  GAS PRODUCTION OBSERVED DATA  Orifice Meter Connections  Pipe Taps:  Flange Taps:  GAS PRODUCTION OBSERVED DATA  Orifice Meter Connections  Differential:  Static Pressure:  Measuring Run-Prover-Orifice Meter-Prover-Tester Pressure  Diff. Press, Gravity Flowing  Device Tester Size Size In. Water In. Merc. Psig or (Fd) (hw) or (hd) Gas (Gg) Temp. (t)  Orifice Meter Connections  Orifice Meter Connections  Device Tester Size Size In. Water In. Merc. Psig or (Fd) (hw) or (hd) Gas (Gg) Temp. (t)  Orifice Well Tester  GAS FLOW RATE CALCULATIONS (R)  Wighlia, Kansus  Gas Prod. MCFD  Oil Prod.  Gas Prod. MCFD  Oil Prod.  Gas Prod. MCFD  Oil Prod.  Gas Plow RATE (Fg) Factor (Ft) Factor (Fp) Factor (Fd)  Flow Rate (R):  Oil Prod.  Gas Oil Ratio  Cubic Ft.  Device Tester Ship of Couloir Ft.  Oil Prod.  Gas Prod. MCFD  Oil Prod.  Gas Oil Ratio  Cubic Ft.  Device Tester Ship of Couloir Ft.  Oil Prod.  Gas Prod. MCFD  Oil Prod.  Gas Oil Ratio  Cubic Ft.  Device Tester Ship of Couloir Ft.  Gas Prod. MCFD  Oil Prod.  O |  | Date /      | 25-0     | / Time                 | 1.00 71      | Enging   | Date /                                 | A LA            | 0/       | Time //      |                  |              |  |
| OIL PRODUCTION OBSERVED DATA  Froducing Wellhead Fressure Casing: Tubing:    Separator Pressure   Separator Pressure   Choke Size  |  | Date        |          | Time                   |              | Ending 1   | )ota                                   |                 |          | Time         | ມນ               | ration Hrs.  |  |
| Casing: Tubing:  Bols./In. Tank Starting Gauge Ending Gauge Net Prod. Bbls.  A. A. Size Number Feet Inches Barrels Feet Inches Barrels Water Oil  Pretest: 200 6271 8 3 /65.27 8 7 4 /72.34 8 7.09  Test: GAS PRODUCTION OBSERVED DATA  Orifice Neter Connections  Pipe Taps: Flance Taps: Differential: Static Pressure:  Measuring Run-Prover-Orifice Meter-Prover-Tester Pressure Diff. Press. Gravity Flowing Device Tester Size Size In. Water In. Merc. Psig or (Fd) (hw) or (hd) Gas (Gg) Temp. (t)  Meter Critical Flow Prover Orifice Meter-Prover-Tester Pressure RECEIVED Meter Critical Flow Prover Orifice Meter Calculations (R)  GAS FLOW RATE CALCULATIONS (R)  GAS FLOW RATE CALCULATIONS (R)  Gas Prod. MCFD Meter-Prover Factor (Fg) Factor (Ft) Factor (Fp) Factor (Fd)  Gas Prod. MCFD Oil Prod. Gas/Oil Ratio Cubic Ft. Page Rbl  Gas Prod. MCFD Oil Prod. Gas/Oil Ratio Cubic Ft. Page Rbl  Flow Rate (R): Bbls./Day: (GOR) = page Rbl  | Scarcing   | Dave        |          |                        | OTL PRODUC   | Contract of the Contract of th |  | ጥለ              |          | 1 171110     |                  |              |  |
| Casing: Tubing:    Bbls./In.   Tank  | Producing  | Wellh       | ead Pres |                        | OIL THODOO   |  |  |                 | · ( ' ii |              | Chal             |              |  |
| Bbls./In. Tank Starting Gauge Ending Gauge Net Prod. Bbls.    1.67   Size   Number   Feet   Inches   Barrels   Feet   Inches   Barrels   Water   Oil   |  | METTI       |          |                        |              | ocpar a o  | 71 1163                                | su e            |          | 1            | Chok             | e size       |  |
| Pretest:   200   6271   8   3   165,27   8   7   172,34   8   7.09   | -  |             |          |                        |              |  |  |                 |          |              |                  |              |  |
| Pretest: 200 6271 8 3  | <u> </u>   |             |          |                        |              |  |  |                 |          |              |                  |              |  |
| Test:  GAS PRODUCTION OBSERVED DATA  Orifice Meter Connections  Pipe Taps:  Flange Taps:  Measuring Run-Prover-Orifice Meter-Prover-Tester Pressure  Orifice Meter Size Size In.Water In.Merc. Psig or (Pd) (hw) or (hd) Gas (Gg) Temp. (t)  Orifice Meter  Orifice Meter Size Size In.Water In.Merc. Psig or (Pd) (hw) or (hd) Gas (Gg) Temp. (t)  Orifice Meter  Orifice Meter Size Size In.Water In.Merc. Psig or (Pd) (hw) or (hd) Gas (Gg) Temp. (t)  Orifice Meter  Orifice Meter Size Size In.Water In.Merc. Psig or (Fd) (hw) or (hd) Gas (Gg) Temp. (t)  Orifice Meter Critical Flow Prover  Orifice Well Tester  GAS FLOW RATE CALCULATIONS (R)  Orifice Well Tester  Orifice Meter Range  Orifice | 1.67   | 512e Number |          | reec                   | Tuches       | Darreis  | reet                                   | Inches   Barrel |          | Water        | 011              |              |  |
| Test:  Gas Production Observed Data  Orifice Meter Connections  Pipe Taps:  Flange Taps:  Measuring Run-Prover-Orifice Meter-Prover-Tester Pressure  Orifice Meter Size Size In. Water In. Merc. Psig or (Pd) (hw) or (hd) Gas (Gg) Temp. (t)  Orifice Meter  Orifice Meter Size Size In. Water In. Merc. Psig or (Pd) (hw) or (hd) Gas (Gg) Temp. (t)  Orifice Meter  Orifice Meter Size Size In. Water In. Merc. Psig or (Pd) (hw) or (hd) Gas (Gg) Temp. (t)  Orifice Meter  Orifice Meter Size Size In. Water In. Merc. Psig or (Pd) (hw) or (hd) Gas (Gg) Temp. (t)  Orifice Meter Critical Flow Prover  Orifice Well Tester  Gas FLOW RATE CALCULATIONS (R)  Gas FLOW RATE CALCULATIONS (R)  Orifice Well Tester  Gas Prod. MCFD Meter-Prover Extension Gravity Flowing Temp. Deviation Chart Flow (Fb) (Fp) (OWTC) Press. (Psia) (Pm) Vhw x Pm Factor (Fg) Factor (Ft) Factor (Fpv) Factor (Fd)  Gas Prod. MCFD Oil Prod. Gas/Oil Ratio Cubic Ft.  Bbls. /Day: Gord Ratio Cubic Ft.  Orifice Meter Range  Orifice Meter Range | Duntanta   | 200         | 6271     | 8                      | 3            | 11527  | 8                                      | 17/2/10         |          | 172 21       |                  | 1209         |  |
| GAS PRODUCTION OBSERVED DATA  Orifice Meter Connections  Pipe Taps: Flange Taps: Differential: Static Pressure:  Measuring Run-Prover- Orifice Meter-Prover-Tester Pressure Diff. Press. Gravity Flowing Device Tester Size Size In.Water In.Merc. Psig or (Pd) (hw) or (hd) Gas (Gg) Temp. (t)  Orifice Meter Critical Flow Prover  Orifice Well Tester  GAS FLOW RATE CALCULATIONS (R)  GAS FLOW RATE CALCULATIONS (R)  GAS FLOW RATE CALCULATIONS (R)  Wichita, Kansas  Gravity Flowing Temp. Deviation Chart Factor (Fb) (Fp) (OWTC) Press. (Psia) (Pm) Whw x Pm Factor (Fg) Factor (Ft) Factor (Fpv) Factor (Fd)  Gas Prod. MCFD Oil Prod. Gas/Oil Ratio Cubic Ft. Bbls./Day: (GOR) = per Bbl   | rretest:   |             |          |                        |              | 16011  |  | +               | -        | 172,34       | - 2              | 1.01         |  |
| GAS PRODUCTION OBSERVED DATA  Orifice Meter Connections  Pipe Taps: Flange Taps: Differential: Static Pressure:  Measuring Run-Prover- Orifice Meter-Prover-Tester Pressure Diff. Press. Gravity Flowing Device Tester Size Size In.Water In.Merc. Psig or (Pd) (hw) or (hd) Gas (Gg) Temp. (t)  Orifice Meter Critical Flow Prover  Orifice Well Tester  GAS FLOW RATE CALCULATIONS (R)  GAS FLOW RATE CALCULATIONS (R)  GAS FLOW RATE CALCULATIONS (R)  Wichita, Kansas  Gravity Flowing Temp. Deviation Chart Factor (Fg) (Fp) (OWTC) Press. (Psia) (Pm) Ww x Pm Factor (Fg) Factor (Ft) Factor (Fpv) Factor (Fd)  Gas Prod. MCFD Oil Prod. Gas/Oil Ratio Cubic Ft. Bbls./Day: (GOR) = per Bbl  | Test.:   | 200         | 6717     | '   [                  | 3/4          | 24,36  | 8                                      | 17              |          | 1719         | 91               | 145.58       |  |
| GAS PRODUCTION OBSERVED DATA  Orifice Meter Connections  Orifice Meter Range  Pipe Taps: Flange Taps: Differential: Static Pressure:  Measuring Run-Prover- Orifice Meter-Prover-Tester Pressure Diff. Press. Gravity Flowing Gas (Gg) Temp. (t)  Orifice Meter Size Size In.Water In.Merc. Psig or (Pd) (hw) or (hd) Gas (Gg) Temp. (t)  Orifice Meter Critical  Flow Prover Orifice Well Tester  Orifice Meter Critical  Flow Prover Orifice Well Tester  GAS FLOW RATE CALCULATIONS (R)  Orifice Meter Range  Diff. Press. Gravity Flowing Gas (Gg) Temp. (t)  RECEIVED  RECE |  |             | <b>–</b> |                        | 1/           | <u> </u>   |  | 1-              |          |              |                  |              |  |
| Orifice Meter Connections  Pipe Taps: Flange Taps: Differential: Static Pressure:  Measuring Run-Prover- Orifice Meter-Prover-Tester Pressure Diff. Press. Gravity Flowing Device Tester Size Size In.Water In.Merc. Psig or (Pd) (hw) or (hd) Gas (Gg) Temp. (t)  Orifice Meter  Critical Flow Prover Orifice Well Tester  Orifice Well Tester  Gas FLOW RATE CALCULATIONS (R)  Gas FLOW RATE CALCULATIONS (R)  Coeff. MCFD Meter-Prover Extension (Fb)(Fp)(OWTC) Press.(Psia)(Pm) Whx Pm Factor (Fg) Factor (Ft) Factor (Fpv) Factor (Fd)  Gas Prod. MCFD Oil Prod. Gas/Oil Ratio Cubic Ft.  Bbls./Day: (GOR) = Dev Rbl  | Test:  |             |          |                        |              |  |  |                 |          |              | 1                | 152,69       |  |
| Pipe Taps: Flange Taps: Differential: Static Pressure:  Measuring Device Tester Size Size In.Water In.Merc. Psig or (Pd) (hw) or (hd) Gas (Gg) Temp. (t)  Orifice Meter  Critical Flow Prover Orifice Meter-Prover Calculations (R)  Gas FLOW RATE CALCULATIONS (R)  Gas FLOW RATE CALCULATIONS (R)  Gas Prod. MCFD (Pb) (Pp) (OWTC) Press. (Psia) (Pm) Whw x Pm Factor (Fg) Factor (Ft) Factor (Fpv) Factor (Fd)  Gas Prod. MCFD (GOR) Cubic Ft.  Bbls./Day: (GOR) Carvity Flowing Temp. Deviation Chart Factor (Fd)  Gas Prod. MCFD (GOR) Cubic Ft.  Bbls./Day: (GOR) Cubic Ft.  |  |             |          |                        |              |  |  |                 |          |              |                  |              |  |
| Measuring Device Tester Size Size In.Water In.Merc. Psig or (Pd) (hw) or (hd) Gas (Gg) Temp. (t)  Orifice Meter  Critical Flow Prover  Orifice Well Tester  CAS FLOW RATE CALCULATIONS (R)  Gas Prod. MCFD (Psia) (Pm)  Cas Flow Rate (R):  Orifice Meter-Prover-Tester Pressure (Psig or (Pd) (hw) or (hd) Gas (Gg) Temp. (t)  RECEIVED  RECEIV |  |             |          |                        |              |  |  |                 |          |              |                  |              |  |
| Measuring Device Tester Size Size In.Water In.Merc. Psig or (Pd) (hw) or (hd) Gas (Gg) Temp. (t)  Orifice Meter  Critical Flow Prover  Orifice Well Tester  CAS FLOW RATE CALCULATIONS (R)  Gas Prod. MCFD (Psia) (Pm)  Cas Flow Rate (R):  Orifice Meter-Prover-Tester Pressure (Psig or (Pd) (hw) or (hd) Gas (Gg) Temp. (t)  RECEIVED  RECEIV | Pipe Taps  | i           | Flange   | Taps:                  |              | Diffe  | rentia                                 | 1:              | ٠.       | Static       | Pressure         |              |  |
| Device Tester Size Size In.Water In.Merc. Psig or (Pd) (hw) or (hd) Gas (Gg) Temp. (t)  Orifice Meter  Critical Flow Prover Orifice Well Tester  GAS FLOW RATE CALCULATIONS (R)  Gas Flow Rate (Fb) (Fp) (OWTC) Press. (Psia) (Pm) Whw x Pm Factor (Fg) Factor (Ft) Factor (Fpv) Factor (Fd)  Gas Prod. MCFD  Oil Prod.  Gas/Oil Ratio  Cubic Ft.  Flow Rate (R):  GOR) = per Shl  |  |             |          |                        | Meter-Pro    |  |  |                 | Diff     | Press.       | Gravity          | Flowing      |  |
| Orifice  Meter  Critical Flow Prover  Orifice Well Tester   Cas FLOW RATE CALCULATIONS (R)  Cas FLOW RATE CALCULATIONS (R)  Caseff. MCFD (Fb)(Fp)(OWTC) Fress.(Psia)(Pm)  Oil Prod. Factor (Fg) Flow Rate (R):  Gas/Oil Ratio Cubic Ft. Flow Rate (R):  Coeff. MCFD Caseff. MCFD Casef | Device   | Tes         | ter Size | Size                   | In.Water     | In.Merc. I   | sig or                                 | (Pd)            | (hw)     | or (hd)      | Gas (Gg)         | Temp. (t)    |  |
| Critical Flow Prover Orifice Well Tester  GAS FLOW RATE CALCULATIONS (R)  GAS FLOW RATE CALCULATIONS (R)  Wighita, Kansas  Coeff. MCFD (Fb)(Fp)(OWTC) Press.(Psia)(Pm)  Oil Prod. Flow Rate (R):  Gas/Oil Ratio GGR)  Gravity Flowing Temp. Factor (Ft) Factor (Fpv) Factor(Fd)  Gas/Oil Ratio Cubic Ft. Flow Rate (R):  Oil Prod. Bbls./Day:  GOR)  From Commission Commis | į.   |             |          |                        |              |  |  |                 |          |              | STOTIVE          |              |  |
| Flow Prover Orifice Well Tester  GAS FLOW RATE CALCULATIONS (R)  GAS FLOW RATE CALCULATIONS (R)  Wichita, Kansas  Wichita, Kansas  Coeff. MCFD (Fb)(Fp)(OWTC) Press.(Psia)(Pm)  Whw x Pm Factor (Fg) Factor (Ft) Factor (Fpv) Factor (Fd)  Gas Prod. MCFD Flow Rate (R):  Gas/Oil Ratio Cubic Ft. Bbls./Day:  GOR) = Der Bbl   | The second second second   |             |          | <b>_</b>               |              |  |  |                 |          |              | PEOPLY C         | MMISSIGN     |  |
| Orifice Well Tester  GAS FLOW RATE CALCULATIONS (R)  GAS FLOW RATE CALCULATIONS (R)  Wichita, Kansas  Caeff. MCFD (Fb)(Fp)(OWTC)  Press.(Psia)(Pm)  Whw x Pm Factor (Fg) Factor (Ft)  Gas/Oil Ratio Cubic Ft. Flow Rate (R):  Correct  Cas/Oil Ratio Cubic Ft.  Bbls./Day:  Cas Prod. MCFD Flow Rate (R):  Cas/Oil Ratio Cubic Ft.  Carrect  Correct  Cor | 1  |             |          |                        |              |  |  |                 |          | STATE        |                  |              |  |
| Gas Prod. MCFD  Gas Prod. MCFD  Gas Prod. MCFD  Gas Prod. MCFD  Flow Rate (R):  Gas FLOW RATE CALCULATIONS (R)  Gas FLOW RATE CALCULATIONS (R)  Gas Prod. MCFD  Oil Prod.  Bbls./Day:  Gas Gas/Oil Ratio  Gas/Oil Ratio  Cubic Ft.  Figure Rate (R):  Gas FLOW RATE CALCULATIONS (R)  Wichita, Kansas  Chart  Flowing Temp. Deviation  Chart  Factor (Fg)  Factor (Ft)  Factor (Fpv)  Factor (Fd)  Cubic Ft.  Factor (GOR) = Der Rbl.  |  | er          |          | <del></del>            | <del> </del> |  | ······································ |                 |          |              | <u>11 - فريم</u> | 189          |  |
| GAS FLOW RATE CALCULATIONS (R)  Wichita, Kansas  Coeff. MCFD Meter-Prover Extension (Fb)(Fp)(OWTC) Press.(Psia)(Pm) Whw x Pm Factor (Fg) Factor (Ft) Factor (Fpv) Factor(Fd)  Gas Prod. MCFD Oil Prod. Flow Rate (R):  GAS FLOW RATE CALCULATIONS (R)  Wichita, Kansas  Chart Flowing Temp. Deviation Factor (Fpv) Factor (Fd)  Gas/Oil Ratio Cubic Ft.  Bbls./Day:  GOR) = Der Bbl  | 1  | er          |          |                        |              |  |  |                 |          |              |                  | SUICIONI     |  |
| Caeff. MCFD Meter-Prover Extension Gravity Flowing Temp. Deviation Chart Factor (Fp) (OWTC) Press. (Psia) (Pm) hw x Pm Factor (Fg) Factor (Ft) Factor (Fpv) Factor (Fd)  Gas Prod. MCFD Oil Prod. Flow Rate (R):  Bbls./Day: Gas/Oil Ratio Cubic Ft. Per Bbl   | 1000   |             |          | <del></del>            | GAS FILOW R  | ATE CATCUI   | ΑΤΤΟΝΙΟ                                | (P.)            |          |              | MESSATION L      | 1885         |  |
| Gas Prod. MCFD Flow Rate (R):  (Fb)(Fp)(OWTC) Press.(Psia)(Pm) Vhw x Pm Factor (Fg) Factor (Ft) Factor (Fpv) Factor (Fd)  Gas/Oil Ratio Cubic Ft.  (GOR) = Der Rbl.  | C. SC VODD   |             |          |                        |              |  |  |                 |          |              |                  |              |  |
| Gas Prod. MCFD Oil Prod. Gas/Oil Ratio Cubic Ft. Flow Rate (R): Bbls./Day: (GOR) = per Rbl   |  | _ 1         |          |                        | . /          |  |  |                 |          | . • :        |                  | . 1          |  |
| Flow Rate (R): Bbls./Day: (GOR) = per Bbl  | NCA-PCA  |             |          |                        | 7 114 2 114  | 1 40 001   | 7.8/                                   | ractor          | Tru      | racu         | OF (FDV)         | ractor(ra)   |  |
| Flow Rate (R): Bbls./Day: (GOR) = per Bbl  |  |             |          |                        | <del>,</del> | İ  |  |                 |          | 1            |                  |              |  |
| Flow Rate (R): Bbls./Day: (GOR) = per Bbl  | Gas Prod.  | MCFD        |          | 7                      | Oil Prod.    |  |  | Gas/C           | )il R    | atio         |                  | Cubic Ft     |  |
|  |  |             |          | <u> </u>               | Bbls./Day:   | <u> </u>   |  | (               | GOR)     | ***          |                  | ner Bhl      |  |
| The undersigned authority, on behalf of the Company, states that he is duly authorized   | The und  | ersign      | ed autho | rity, on               | behalf of    | the Compa  | ny, st                                 | ates t          | hat h    | ne is du     | ly author:       | ized         |  |
| to make the above report and that he has knowledge of the facts stated therein, and that   | to make t  | he abo      | ve repor | t and the              | at he has l  | knowledge  | of the                                 | facts           | stat     | ted ther     | ein, and         | that         |  |
| said report is true and correct. Executed this the day of 19   |  |             |          |                        |              |  |  |                 |          |              |                  |              |  |
| ( I M A A MA D ) ) (   |  |             |          |                        |              |  |  |                 |          |              |                  |              |  |
| For Offset Operator For State For Company  | For Off  | set On      | erator   | 1                      | Juley F.     | or State   | 199                                    | <u>K</u>        | and      | y dod        | many             | <u> </u>     |  |