

ORIGINAL

Operator Name: Russell Oil, Inc. Lease Name: Waggoner Well #: 1-8
 Sec. 8 Twp. 9 S. R. 25 East West County: Graham

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

| | |
|--|--|
| Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Attach Additional Sheets) Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Submit Copy) List All E. Logs Run: CNL-CDL, DIL | <input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum See geologist report attached for full details and tops |
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| CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used | | | | | | | |
|---|-------------------|---------------------------|-------------------|---------------|----------------|--------------|----------------------------|
| Report all strings set-conductor, surface, intermediate, production, etc. | | | | | | | |
| Purpose of String | Size Hole Drilled | Size Casing Set (In O.D.) | Weight Lbs. / Ft. | Setting Depth | Type of Cement | # Sacks Used | Type and Percent Additives |
| Surface | 12 1/4" | 8 5/8" | 23# | 258' | 60/40 poz | 175 | 2% gel, 3% cc |
| | | | | | | | 1/4# cell flake |
| | | | | | | | |

| ADDITIONAL CEMENTING / SQUEEZE RECORD | | | | |
|--|------------------|----------------|-------------|----------------------------|
| Purpose: | Depth Top Bottom | Type of Cement | #Sacks Used | Type and Percent Additives |
| <input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone | | | | |
| | | | | |

| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) | Depth |
|----------------|---|---|-------|
| | | | |
| | | | |
| | | | |
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| | | | | |
|---------------|------|--------|-----------|--|
| TUBING RECORD | Size | Set At | Packer At | Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No |
|---------------|------|--------|-----------|--|

| | |
|--|--|
| Date of First, Resumerd Production, SWD or Enhr. | Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) |
|--|--|

| | | | | | |
|-----------------------------------|-----------|---------|-------------|---------------|---------|
| Estimated Production Per 24 Hours | Oil Bbls. | Gas Mcf | Water Bbls. | Gas-Oil Ratio | Gravity |
|-----------------------------------|-----------|---------|-------------|---------------|---------|

Disposition of Gas Vented Sold Used on Lease (If vented, Submit ACO-18.)

METHOD OF COMPLETION

Production Interval Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

TREATMENT REPORT



| | | | |
|-------------------------------------|------------------|--------------------------|-------------------------------|
| Customer ID | | Date | |
| Customer Russell Oil | | 3-8-05 | |
| Lease Wagner | | Lease No. | Well # 1-8 |
| Field Order # 9536 | Station Pratt | Casing 8 5/8" 23#/ft. | Depth 268' |
| Type Job Cement-Surface-New Well | | County Graham | State KS |
| | | Formation | Legal Description 8-95-25W |

| PIPE DATA | | PERFORATING DATA | | FLUID USED | | TREATMENT RESUME | | |
|-------------------------------|--------------|------------------|----|------------|--------------------------------------|------------------|-------|------------------|
| Casing Size 8 5/8" 23#/ft. | Tubing Size | Shots/Ft | | Acid | 175 sacks 60/40 Poz | RATE | PRESS | ISIP |
| Depth 268.14' | Depth | From | To | Ere Pad | 2% Gel, 3% C.C., 1/4# 15k cell flake | Max | | 5 Min. |
| Volume 17.16 bbl. | Volume | From | To | Ere Pad | | Min | | 10 Min. |
| Max Press 200 P.S.I. | Max Press | From | To | Frac | | Avg | | 15 Min. |
| Well Connection Plu. Cont. | Annulus Vol. | From | To | | | HHP Used | | Annulus Pressure |
| Plug Depth 253.14' | Packer Depth | From | To | Flush | 16 bbl. Fresh H ₂ O | Gas Volume | | Total Load |

| | | |
|--|-------------------------------|--------------------------------|
| Customer Representative Daryl Krier | Station Manager Dave Autry | Treater Clarence R. Messick |
|--|-------------------------------|--------------------------------|

| | | | | |
|---------------|-----|-----|-----|-----|
| Service Units | 109 | 226 | 303 | 572 |
|---------------|-----|-----|-----|-----|

| Time Pm | Casing Pressure | Tubing Pressure | Bbls. Pumped | Rate | Service Log |
|---------|-----------------|-----------------|--------------|------|---|
| 8:00 | | | | | Trucks on location and hold safety meeting |
| 12:00 | | | | | Southwind Drilling start to run bits. 23#/ft. 8 5/8" new casing |
| 1:00 | | | | | Casing in well. Break circulation with rig mud pump. |
| 1:06 | 200 | | | 5 | Start 10 bbl. Fresh H ₂ O Pre-Flush |
| 1:08 | 200 | | 10 | 5 | Start to mix 175 sacks 60/40 Poz cement |
| | | | 50 | | Stop pumping. Shut head. Release plug. Open Head |
| 1:22 | | | | 5 | Start Displacement |
| 1:30 | 200 | | 16 | 5 | Plug down. Circulate cement to cellar |
| | 200 | | | | Shut in well |
| | | | | | Wash up pump truck |
| 1:45 | | | | | Job Complete |
| | | | | | Thanks |
| | | | | | Clarence R. Messick |

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TREATMENT REPORT



| | | | |
|-------------------------|--|-----------|---------------|
| Customer ID | | Date | |
| Customer Russell Oil | | 3-15-05 | |
| Lease Wagner | | Lease No. | Well # 1-8 |

| | | | | | |
|------------------------------------|------------------|-----------------------|----------------|-------------------------------|--------------|
| Field Order # 10036 | Station Pratt | Casing 4 1/2" D.P. | Depth 2300' | County Graham | State KS. |
| Type Job Cement P.T.A. New Well | | | Formation | Legal Description 8-95-2SW | |

| PIPE DATA | | PERFORATING DATA | | FLUID USED | | TREATMENT RESUME | | |
|-----------------|--------------|------------------|----|--|------------|------------------|------------------|--|
| Casing Size | Tubing Size | Shots/Ft | | Cement Acid 190 sacks 60/40 Poz (common) | RATE | PRESS | ISIP | |
| Depth | Depth | From | To | Pre. Pad 68 Gel, 1/4 #/st Cellf | Max | with | 5 Min. | |
| Volume | Volume | From | To | Pad 1330 #/gul., 8.09 gal./st. | Min | | 10 Min. | |
| Max Press | Max Press | From | To | Erac | Avg | | 15 Min. | |
| Well Connection | Annulus Vol. | From | To | | HHP Used | | Annulus Pressure | |
| Plug Depth | Packer Depth | From | To | Flush | Gas Volume | | Total Load | |

| | | |
|--|-------------------------------|--------------------------------|
| Customer Representative Daryl Krier | Station Manager Dave Autry | Treater Clarence R. Messich |
|--|-------------------------------|--------------------------------|

| | | | | | | | | | |
|---------------|-----|-----|-----|-----|-----|--|--|--|--|
| Service Units | 109 | 380 | 457 | 347 | 501 | | | | |
|---------------|-----|-----|-----|-----|-----|--|--|--|--|

| Time AM | Casing Pressure | Tubing Pressure | Bbls. Pumped | Rate | Service Log |
|---------|-----------------|-----------------|--------------|------|--|
| 9:45 | | | | | Trucks on location and hold safety meeting |
| 10:12 | | 200 | 20 | S | Start Fresh H ₂ O Pre-Flush at 2300' |
| 10:16 | | 200 | 7 | S | Start to mix 25 sts 60/40 Poz cement |
| 10:18 | | 200 | 20 | S | Start Fresh H ₂ O Displacement |
| | | | | | 2 nd Plug 100 sts at 1375' |
| 10:50 | | 200 | 20 | S | Start Fresh H ₂ O Pre-Flush |
| 10:54 | | 200 | 28 | S | Start to mix 100 sts. 60/40 Poz cement |
| 11:00 | | 200 | 7 | S | Start to Fresh H ₂ O Displacement |
| | | | | | 3 rd Plug 40 sts at 320' |
| 11:37 | | 150 | 5 | S | Start Fresh H ₂ O Pre-Flush |
| 11:38 | | 150 | 11 | S | Start to mix 40 sts. 60/40 Poz cement |
| 11:40 | | 15 | 1 | S | Start Fresh H ₂ O Displacement |
| | | | | | 4 th Plug 10 sts at 40' |
| | | | | | Insert wooden Plug in Surface Pipe and push it down to 40'. Fill Surface pipe with cement. |
| 12:15 | | | | | Plug rat hole and mouse hole |
| 12:30 | | | | | Job Complete |
| | | | | | Thanks |
| | | | | | Clarence R. Messich |

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