

ORIGINAL

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
AGO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

Operator: License # 3293

Name: Russell Oil, Inc.

Address P.O. Box 272

City/State/Zip Russell, KS 67665

Purchaser: na

Operator Contact Person: LeRoy Holt II

Phone (913) 483-3954

Contractor: Name: Shields Oil Producers

License: 5184

Wellsite Geologist: Francis Whisler

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD SLOW Temp. Abd.

Gas ENHR SIGW

Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD

Plug Back PSTD

Commingled Docket No. _____

Dual Completion Docket No. _____

Other (SWD or Inj?) Docket No. _____

12/10/93 12/16/93 na

Spud Date Date Reached TD Completion Date

API NO. 15- 141202820000

County Osborne

SW - SW - NW - Sec. 24 Twp. 10 Rge. 12 ^EW

2970 Feet from (circle one) Line of Section

4950 Feet from (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, (SE) NW or SW (circle one)

Lease Name Schultz "A" Well # 1

Field Name wildcat

Producing Formation na

Elevation: Ground 1661' KB 1666'

Total Depth 3230' PSTD _____

Amount of Surface Pipe Set and Cemented at 218 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan DVA CB 3-3-94
(Data must be collected from the Reserve Pit)

Chloride content 53,000 ppm Fluid volume 350 bbls

Dewatering method used evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature LeRoy Holt II

Title Vice-President Date 12/28/93

Subscribed and sworn to before me this 28th day of December, 19 93.

Notary Public Carolyn Gnad

Date Commission Expires 10-22-97

4688-01
GNAD

STATE CORPORATION COMMISSION
K.C.C. OFFICE USE ONLY
F Letter of Confidentiality
C Wireline Log Received
C Geologist Report Received
RECEIVED
DEC 30 1993
CONSERVATION DIVISION
Distribution Wichita, Kansas
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)

Operator Name Russell Oil, Inc.

Lease Name Schultz "A"

Well # 1

Sec. 24 Twp. 10 Rge. 12

East
 West

County Osborne

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken Yes No
(Attach Additional Sheets.)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
(Submit Copy.)

List All E.Logs Run: none

| Log Name | Formation (Top), Depth and Datums | | <input checked="" type="checkbox"/> Sample |
|------------|-----------------------------------|-------|--|
| | Top | Datum | |
| Anhydrite | 675' | +991 | |
| Topeka | 2604' | -938 | |
| Heebner | 2844' | -1178 | |
| Lansing KC | 2902' | -1236 | |
| Base KC | 3218' | -1552 | |
| RTD | 3230' | -1564 | |

CASING RECORD

New 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" | 20# | 218' | 60/40 poz | 145 | 2% gel 3% C.C. |

ADDITIONAL CEMENTING/SQUEEZE RECORD

| Purpose: | Depth | | Type of Cement | #Sacks Used | Type and Percent Additives |
|---|-------|--------|----------------|-------------|----------------------------|
| | Top | Bottom | | | |
| <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 | | Acid, Fracture, Shot, Cement Squeeze Record | |
|----------------|---|--|---|-------|
| | Specify Footage of Each Interval Perforated | | (Amount and Kind of Material Used) | Depth |
| | | | | |
| | | | | |
| | | | | |

| TUBING RECORD | Size | Set At | Packer At | Liner Run | <input type="checkbox"/> Yes <input type="checkbox"/> No | | | |
|--|---|--------|-----------|-----------|--|-------|---------------|---------|
| Date of First, Resumed Production, SWD or Inj. | 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

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

Production Interval _____

TRILOBITE TESTING, L.L.C.

ORIGINAL

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data *API #15-141-20282-00-00*

Well Name SCHULTZ A-1 Test No. 1 Date 12/15/93
 Company RUSSELL OIL, INC. Zone LKC-"A-B"
 Address P.O. BOX 272 RUSSELL KS 67665 Elevation _____
 Co. Rep./Geo. FRANCIS WHISLER Cont. SHIELDS DRLG
 Location: Sec. 24 Twp. 10S Rge. 12W Co. OSBORNE Est. Ft. of Pay _____
 State KS

Interval Tested 2910-2942 Drill Pipe Size 4.5" FH
 Anchor Length 32 Wt. Pipe I.D. - 2.7 Ft. Run _____
 Top Packer Depth 2905 Drill Collar - 2.25 Ft. Run _____
 Bottom Packer Depth 2910 Mud Wt. 9.1 lb/Gal.
 Total Depth 2942 Viscosity 43 Filtrate 9.2

Tool Open @ 9:57 AM Initial Blow WEAK SURFACE BLOW

Final Blow VERY WEAK SURFACE BLOW - DIED IN 20 MINUTES

Recovery - Total Feet 10 Flush Tool? NO

Rec. 10 Feet of THIN MUD
 Rec. _____ Feet of _____
 Rec. _____ Feet of _____
 Rec. _____ Feet of _____
 Rec. _____ Feet of _____

BHT 102 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides _____ ppm System

(A) Initial Hydrostatic Mud 1785.2 PSI AK1 Recorder No. 24174 Range 3925

(B) First Initial Flow Pressure 42.9 PSI @ (depth) 2939 w / Clock No. 22336

(C) First Final Flow Pressure 34.7 PSI AK1 Recorder No. 22150 Range 3925

(D) Initial Shut-in Pressure 1064.2 PSI @ (depth) 2916 w / Clock No. 27566

(E) Second Initial Flow Pressure 54.1 PSI AK1 Recorder No. _____ Range _____

(F) Second Final Flow Pressure 34.7 PSI @ (depth) _____ w / Clock No. _____

(G) Final Shut-in Pressure 1034.7 PSI Initial Opening 30 Final Flow 30

(H) Final Hydrostatic Mud 1768.9 PSI Initial Shut-in 30 Final Shut-in 30

Our Representative PAUL SIMPSON

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STATE CORPORATION COMMISSION

DEC 30 1993

CONSERVATION DIVISION
Wichita, Kansas

12-30-93

Phone 913-483-2627, Russell, Kansas
 Phone 316-793-5861, Great Bend, Kansas

ORIGINAL

15-141-20282-00-00
 Phone Plainville 913-434-2812
 Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC. 00 4657
 Home Office P. O. Box 31 Russell, Kansas 67665

New

| | | | | | | | | | | | | | | | |
|---------------------|----------------------|------------|------------|----------|-------------------|-------|------|------------|---------|-------------|---------|-----------|---------|--------|---------|
| Date | 12-11-93 | Sec. | 24 | Twp. | 10 S | Range | 12 W | Called Out | 6:30 AM | On Location | 8:00 AM | Job Start | 8:30 AM | Finish | 9:00 AM |
| Lease | SCHULTZ | Well No. | # A-1 | Location | LURAY 5N 4E 1/2 S | | | County | OSBORNE | State | KANSAS | | | | |
| Contractor | SHIELDS DRILL RIG #2 | | | | | | | | | | | | | | |
| Type Job | SURFACE | | | | | | | | | | | | | | |
| Hole Size | 12 1/4 | T.D. | 221' | | | | | | | | | | | | |
| Csg. | 8 5/8 | Depth | 218' | | | | | | | | | | | | |
| Tbg. Size | | Depth | | | | | | | | | | | | | |
| Drill Pipe | | Depth | | | | | | | | | | | | | |
| Tool | | Depth | | | | | | | | | | | | | |
| Cement Left in Csg. | 15' | Shoe Joint | | | | | | | | | | | | | |
| Press Max. | | Minimum | | | | | | | | | | | | | |
| Meas Line | | Displace | 13 1/4 BBL | | | | | | | | | | | | |
| Perf. | | | | | | | | | | | | | | | |

Owner E INTO
 To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.

Charge To RUSSELL OIL INC.
 Street
 City State
 The above was done to satisfaction and supervision of owner agent or contractor.
 Purchase Order No.
x Burton Beery
 CEMENT

Amount Ordered 145 SK 6%40 220 GEL 3% C.C.

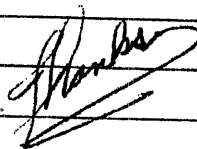
Consisting of
 Common
 Poz. Mix
 Gel.
 Chloride
 Quickset

| | |
|----------|-----------|
| Handling | Sales Tax |
| Mileage | |
| | Sub Total |
| | Total |

Floating Equipment

| EQUIPMENT | | |
|--------------|----------|--------------|
| Pumptrk #177 | Cementer | <u>Shan</u> |
| | Helper | <u>Will</u> |
| Pumptrk #213 | Cementer | |
| | Helper | |
| Bulktrk #213 | Driver | <u>Jason</u> |
| Bulktrk | Driver | |

| DEPTH of Job | |
|----------------|-------------------------|
| Reference: | <u>Pump TRUCK CHRG.</u> |
| <u>1-8 5/8</u> | |
| | Sub Total |
| | Tax |
| | Total |

Remarks:
Cement Circulated


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 STATE CORPORATION COMMISSION
 DEC 30 1993
 12-30-93
 CONSERVATION DIVISION
 Wichita, Kansas

Phone 913-483-2627, Russell, KS
 Phone 316-793-5861, Great Bend, KS

Phone 913-625-5516, Hays, KS
 Phone 913-672-3471, Oakley, KS

15-141-20282-00-00
 Phone 316-886-5926, Medicine Lodge, KS
 Phone 913-798-3843, Ness City, KS

ALLIED CEMENTING CO., INC. 0007502

Home Office P. O. Box 31

Russell, Kansas 67665

now

| | | | | | | | | | | | | | | | |
|---------------------|--------------------------|----------|------------|------|----|---|---------------------|------------|---------|-------------|---------|-----------|----------|--------|---------|
| Date | 12-16-93 | Sec. | 24 | Twp. | 10 | Range | 12 | Called Out | 8:00 AM | On Location | NOON | Job Start | 12:45 PM | Finish | 2:00 PM |
| Lease | Schultz | Well No. | A-1 | | | Location | Luray 5N-5E-1/2S-ES | | | County | Osborne | State | Kan | | |
| Contractor | Shields Drilling Inc # 2 | | | | | Owner | Same | | | | | | | | |
| Type Job | Plus | | | | | To Allied Cementing Co., Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed. | | | | | | | | | |
| Hole Size | 7 7/8 | | T.D. | 3238 | | | | | | | | | | | |
| Csg. | 8 5/8" | | Depth | 218' | | | | | | | | | | | |
| Tbg. Size | | | Depth | | | | | | | | | | | | |
| Drill Pipe | | | Depth | | | | | | | | | | | | |
| Tool | | | Depth | | | | | | | | | | | | |
| Cement Left in Csg. | | | Shoe Joint | | | | | | | | | | | | |
| Press Max. | | | Minimum | | | | | | | | | | | | |
| Meas Line | | | Displace | | | | | | | | | | | | |
| Perf. | | | | | | | | | | | | | | | |

| EQUIPMENT | | | |
|-----------|---------|----------|---------|
| Pumptrk | No. 191 | Cementer | Sonny |
| | | Helper | Walt |
| Pumptrk | No. | Cementer | |
| | | Helper | |
| Bulktrk | 155 | Driver | Larence |
| Bulktrk | | Driver | |

| DEPTH of Job | | |
|--------------|------------------|-----------|
| Reference: | Pumptruck | |
| | 8 5/8" D.H. Plus | |
| | 225 per mile | |
| | | Sub Total |
| | | Tax |
| | | Total |

Remarks:

| | |
|-----|-------------|
| 25 | SKs @ 700' |
| 100 | SKs @ 515' |
| 10 | SKs @ 40' |
| 15 | SKs in R.H. |
| 10 | SKs in M.H. |

| | |
|--|--|
| Charge To | Russell Oil, Inc |
| Street | |
| City | |
| State | |
| The above was done to satisfaction and supervision of owner agent or contractor. | |
| Purchase Order No. | x Burton Beery |
| CEMENT | |
| Amount Ordered | 160 SKs 60/40 per, 6% bel, 1/4 lbs Fls |
| Consisting of | |
| Common | |
| Poz. Mix | |
| Gel. | |
| Chloride | |
| Quickset | |
| | Sales Tax |
| Handling | 1.00 per SK |
| Mileage | 4¢ per SK/mile |
| | Sub Total |
| | Total |
| Floating Equipment | |

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 STATE CORPORATION COMMISSION
 DEC 30 1993
 12-30-93
 CONSERVATION DIVISION
 Wichita Kansas

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