



KANSAS CORPORATION COMMISSION 1102879
OIL & GAS CONSERVATION DIVISION

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 5120
Name: Range Oil Company, Inc.
Address 1: 125 N MARKET ST STE 1120
Address 2:
City: WICHITA State: KS Zip: 67202 + 1711
Contact Person: John Washburn
Phone: (316) 265-6231
CONTRACTOR: License # 30141
Name: Summit Drilling Company
Wellsite Geologist: Roger Martin
Purchaser:

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
 Gas D&A ENHR SIGW
 OG GSW Temp. Abd.
 CM (Coal Bed Methane)
 Cathodic Other (Core, Expl., etc.):

If Workover/Re-entry: Old Well Info as follows:

Operator:

Well Name:

Original Comp. Date: Original Total Depth:

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
 Conv. to GSW
- Plug Back: Plug Back Total Depth
 Commingled Permit #:
 Dual Completion Permit #:
 SWD Permit #:
 ENHR Permit #:
 GSW Permit #:

07/18/2012	07/26/2012	07/26/2012
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-035-24478-00-00

Spot Description:

W2_SW_SE Sec. 26 Twp. 34 S. R. 6 East West
660 Feet from North / South Line of Section
2310 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: Cowley

Lease Name: WETZEL Well #: 1

Field Name: wildcat

Producing Formation: none

Elevation: Ground: 1361 Kelly Bushing: 1371

Total Depth: 3040 Plug Back Total Depth:

Amount of Surface Pipe Set and Cemented at: 316 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

(Data must be collected from the Reserve Pit)

Chloride content: 1300 ppm Fluid volume: 500 bbls

Dewatering method used: Evaporated

Location of fluid disposal if hauled offsite:

Operator Name:

Lease Name: License #:

Quarter Sec. Twp. S. R. East West

County: Permit #:

AFFIDAVIT

I am the affiant and I hereby certify that 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.

Submitted Electronically

KCC Office Use ONLY

- Letter of Confidentiality Received
Date:
 Confidential Release Date:
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: Deanna Gantior Date: 11/29/2012



1102879

Operator Name: Range Oil Company, Inc. Lease Name: WETZEL Well #: 1
 Sec. 26 Twp. 34 S. R. 6 East West County: Cowley

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 complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Datum</th> </tr> </thead> <tbody> <tr> <td>Stalnaker</td> <td>1681</td> <td>-310</td> </tr> <tr> <td>Layton</td> <td>2205</td> <td>-834</td> </tr> <tr> <td>Altamont</td> <td>2619</td> <td>-1248</td> </tr> <tr> <td>Pawnee</td> <td>2694</td> <td>-1323</td> </tr> <tr> <td>Mississippian</td> <td>3017</td> <td>-1646</td> </tr> <tr> <td>RTD</td> <td>3040</td> <td>-1669</td> </tr> </tbody> </table>	Name	Top	Datum	Stalnaker	1681	-310	Layton	2205	-834	Altamont	2619	-1248	Pawnee	2694	-1323	Mississippian	3017	-1646	RTD	3040	-1669
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RTD	3040	-1669																				

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	12.25	8.625	23	316	common	180	3% CaCl

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing	-			
___ Plug Back TD				
___ Plug Off Zone	-			

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: Set At: Packer At: Liner Run: Yes No

Date of First, Resumed 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: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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GENERAL INFORMATION		
PROJECT NO.	001	
DATE	01/01/00	
BY	123456	
CHECKED BY		
APP'D BY		
REVISIONS		
NO.	DATE	DESCRIPTION
1		

NO.	DESCRIPTION	DATE
001	ITEM 1	
002	ITEM 2	
003	ITEM 3	
004	ITEM 4	
005	ITEM 5	
006	ITEM 6	
007	ITEM 7	
008	ITEM 8	
009	ITEM 9	
010	ITEM 10	
011	ITEM 11	
012	ITEM 12	
013	ITEM 13	
014	ITEM 14	
015	ITEM 15	
016	ITEM 16	
017	ITEM 17	
018	ITEM 18	
019	ITEM 19	
020	ITEM 20	
021	ITEM 21	
022	ITEM 22	
023	ITEM 23	
024	ITEM 24	
025	ITEM 25	
026	ITEM 26	
027	ITEM 27	
028	ITEM 28	
029	ITEM 29	
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031	ITEM 31	
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033	ITEM 33	
034	ITEM 34	
035	ITEM 35	
036	ITEM 36	
037	ITEM 37	
038	ITEM 38	
039	ITEM 39	
040	ITEM 40	
041	ITEM 41	
042	ITEM 42	
043	ITEM 43	
044	ITEM 44	
045	ITEM 45	
046	ITEM 46	
047	ITEM 47	
048	ITEM 48	
049	ITEM 49	
050	ITEM 50	



DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

Company Range Oil Company, Inc. Lease & Well No. Wetzel No. 1
 Elevation 1371 KB Formation Altamont/Pawnee Effective Pay _____ Ft. Ticket No. 2869
 Date 7-24-12 Sec. 26 Twp. 34S Range 6E County Cowley State Kansas
 Test Approved By Roger L. Martin Diamond Representative Roger D. Friedly

Formation Test No. 1 Interval Tested from 2,625 ft. to 2,709 ft. Total Depth 2,709 ft.
 Packer Depth 2,620 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Packer Depth 2,625 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Depth of Selective Zone Set _____ ft.

Top Recorder Depth (Inside) 2,693 ft. Recorder Number 0062 Cap. 5,000 psi.
 Bottom Recorder Depth (Outside) 2,706 ft. Recorder Number 11033 Cap. 5,150 psi.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ psi.

Drilling Contractor Summit Drilling Company - Rig 1 Drill Collar Length 251 ft I.D. 2 1/4 in.
 Mud Type Chemical Viscosity 53 Weight Pipe Length _____ ft I.D. _____ in.
 Weight 9.2 Water Loss 7.6 cc. Drill Pipe Length 2,347 ft I.D. 3 in.
 Chlorides 900 P.P.M. Test Tool Length 27 ft Tool Size 3 1/2-IF in.
 Jars: Make Sterling Serial Number 5 Anchor Length 21' perf w/ 63' drill pipe Size 4 1/2-FH in.
 Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.
 Main Hole Size 7 7/8 in. Tool Joint Size 3 1/2-XH in.

Blow: 1st Open: Weak, 1/4 in. blow increasing to 7 ins. No blow back during shut-in.
 2nd Open: Weak, surface blow increasing to 6 1/2 ins. No blow back during shut-in.

Recovered 135 ft. of gas in pipe
 Recovered 46 ft. of slightly oil cut mud = .226320 bbls. (Grind out: 1%-oil; 99%-mud)
 Recovered 62 ft. of gas & oil cut watery mud = .305040 bbls. (Grind out: 2%-gas; 2%-oil; 39%-water; 57%-mud) Chlorides: 23,500 Ppm PH: 7.0 RW: .19 @ 98"
 Recovered 108 ft. of TOTAL FLUID = .531360 bbls.
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Remarks Tool Sample Grind Out: 2%-gas; 4%-oil; 44%-water; 50%-mud

Time Set Packer(s) 2:17 P.M. Time Started off Bottom 5:17 P.M. Maximum Temperature 112°
 Initial Hydrostatic Pressure.....(A) 1300 P.S.I.
 Initial Flow Period.....Minutes 30 (B) 56 P.S.I. to (C) 71 P.S.I.
 Initial Closed In Period.....Minutes 30 (D) 562 P.S.I.
 Final Flow Period.....Minutes 60 (E) 79 P.S.I. to (F) 100 P.S.I.
 Final Closed In Period.....Minutes 60 (G) 700 P.S.I.
 Final Hydrostatic Pressure.....(H) 1300 P.S.I.



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313

Company Range Oil Company, Inc. Lease & Well No. Wetzel No. 1
Elevation 1371 KB Formation Mississippi Effective Pay _____ Ft. Ticket No. 2870
Date 7-25-12 Sec. 26 Twp. 34S Range 6E County Cowley State Kansas
Test Approved By Roger L. Martin Diamond Representative Roger D. Friedly

Formation Test No. 2 Interval Tested from 3,022 ft. to 3,040 ft. Total Depth 3,040 ft.
Packer Depth 3,017 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Packer Depth 3,022 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Depth of Selective Zone Set _____ ft.

Top Recorder Depth (Inside) 3,024 ft. Recorder Number 0062 Cap. 5,000 psi.
Bottom Recorder Depth (Outside) 3,037 ft. Recorder Number 11033 Cap. 5,150 psi.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ psi.

Drilling Contractor Summit Drilling Company - Rig 1 Drill Collar Length 314 ft. I.D. 2 1/4 in.
Mud Type Chemical Viscosity 54 Weight Pipe Length _____ ft. I.D. _____ in.
Weight 9.4+ Water Loss 7.4 cc. Drill Pipe Length 2,681 ft. I.D. 3 in.
Chlorides 1,100 P.P.M. Test Tool Length 27 ft. Tool Size 3 1/2-IF in.
Jars: Make Sterling Serial Number 5 Anchor Length 18 ft. Size 4 1/2-FH in.
Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.
Main Hole Size 7 7/8 in. Tool Joint Size 3 1/2-XH in.

Blow: 1st Open: Weak, 1/8 in. blow. Died in 6 mins. No blow back during shut-in.

2nd Open: No blow. Flushed tool. Received a surge. No blow. No blow back during shut-in.

Recovered 5 ft. of drilling mud w/ a scum of oil = .024600 bbls.

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks Tool Sample Grind Out: 100%-drilling mud with a scum of oil

Tool had plugging action throughout.

Time Set Packer(s) 10:48 P.M. Time Started off Bottom 12:48 A.M. Maximum Temperature 119°
Initial Hydrostatic Pressure.....(A) 1501 P.S.I. Plugging
Initial Flow Period.....Minutes 30 (B) 19 P.S.I. to (C) 379 P.S.I.
Initial Closed In Period.....Minutes 30 (D) 872 P.S.I. Plugging
Final Flow Period.....Minutes 30 (E) 55 P.S.I. to (F) 28 P.S.I.
Final Closed In Period.....Minutes 30 (G) 552 P.S.I.
Final Hydrostatic Pressure.....(H) 1502 P.S.I.



CONSOLIDATED
Oil Well Services, LLC

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676



ENTERED

COPY

TICKET NUMBER 34892

LOCATION Eureka, KS

FOREMAN Shannon Feck

FIELD TICKET & TREATMENT REPORT

CEMENT API # 15-035-24478

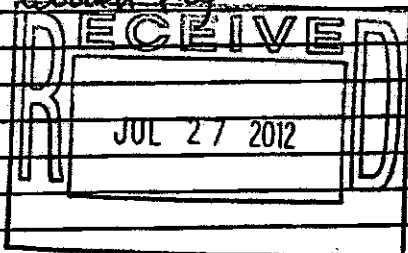
DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY																
7-19-12	6942	Wetzel #1	26	34S	6E	Cowley																
CUSTOMER <u>Range Oil Company Inc</u>			<table border="1"> <thead> <tr> <th>TRUCK #</th> <th>DRIVER</th> <th>TRUCK #</th> <th>DRIVER</th> </tr> </thead> <tbody> <tr> <td>485</td> <td>Alan M.</td> <td></td> <td></td> </tr> <tr> <td>667</td> <td>Chris b</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>				TRUCK #	DRIVER	TRUCK #	DRIVER	485	Alan M.			667	Chris b						
TRUCK #	DRIVER	TRUCK #					DRIVER															
485	Alan M.																					
667	Chris b																					
MAILING ADDRESS <u>125 N market Ste 1120</u>																						
CITY <u>Wichita</u>		STATE <u>KS</u>	ZIP CODE <u>67202</u>																			
Summit DRLL6																						

JOB TYPE Surface 0 HOLE SIZE 12 1/4" HOLE DEPTH 321' CASING SIZE & WEIGHT 8 5/8"
 CASING DEPTH 304' DRILL PIPE --- TUBING --- OTHER ---
 SLURRY WEIGHT 14.5-15# SLURRY VOL --- WATER gal/sk --- CEMENT LEFT in CASING 20'
 DISPLACEMENT 19 Bbl DISPLACEMENT PSI 100 MIX PSI 100 RATE 5 BPM

REMARKS: Safety Meeting, Rig up to 8 5/8" casing, Break circulation w/10 Bbl water, mixed 180 SKS Class "A" Cement with 3% calcium, 2% gel + 1/4 # Flo-cel @ 14.5-15#/gal. Shut down, release plug & displace w/19 Bbl water & shut casing in. Good circulation @ all times, 12-15 Bbl slurry. to pit, Job Complete.

Thanks Shannon & Crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015	1	PUMP CHARGE	825.00	825.00
5406	50	MILEAGE	4.00	200.00
11045	180 SKS	Class A Cement	14.95	2691.00
1102	510 #	Calcium @ 3%	.74	377.40
1118 B	340 #	Gel @ 2%	.21	71.40
1107	50 #	Flo-cel @ 1/4#/sk	2.35	117.50
5407A	8.46 Tons	Ton mileage bulk Truck	1.34	566.82
4132	2	8 5/8" Centralizers	69.00	138.00
4432	1	8 5/8" Wooden Plug	80.00	80.00
			Sub Total	5067.12
			6.8% SALES TAX	236.32
			ESTIMATED TOTAL	5303.44



Ravin 3737

251447

AUTHORIZATION Shannon Feck TITLE _____ DATE _____

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.



CONSOLIDATED
Oil Well Services, LLC

ENTERED

TICKET NUMBER 34893

LOCATION Eureka, KS

FOREMAN Shannon Feck

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT

CEMENT API # 15-035-24478

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
7-26-12	6942	Wetzel #1	26	345	6 E	Cowley
CUSTOMER <u>Range Oil Company Inc</u>			Summit DRILL			
MAILING ADDRESS <u>125 N market Ste 1120</u>						
CITY <u>Wichita</u>	STATE <u>KS</u>	ZIP CODE <u>67202</u>	TRUCK # <u>485</u>	DRIVER <u>Alan m</u>	TRUCK #	DRIVER
			<u>479</u>	<u>Jim m</u>		

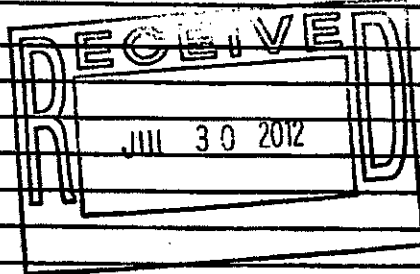
JOB TYPE P.T.A 0 HOLE SIZE 7 1/8" HOLE DEPTH 3040' CASING SIZE & WEIGHT _____
 CASING DEPTH _____ DRILL PIPE 4" TUBING _____ OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING _____
 DISPLACEMENT _____ DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS SAFETY MEETING, Rig up to 4" drill pipe & set following plugs

35 SKS @ 366'
25 SKS @ 60' to surface, keep hole full, Job Complete

Thanks Shannon & Crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5405 N	1	PUMP CHARGE	1030.00	1030.00
5406	50	MILEAGE	4.00	200.00
1131	60 SKS	60/40 Pozmix Cement	12.55	753.00
1118 B	210 #	Gel @ 4%	.21	44.10
5407	2.58 Tons	Ton mileage bulk Truck	M/C	350.00
			Sub Total	2377.10
			6.8% SALES TAX	54.20
			ESTIMATED TOTAL	2431.30



Rayln 8737

251593

AUTHORIZATION Dan Cox TITLE _____ DATE _____

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form