

ORIGINAL

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

Form ACO-1
September 1999
Form Must Be Typed

CONFIDENTIAL

Operator: License # 5120
Name: Range Oil Company, Inc.
Address: 125 N. Market, Suite 1120
City/State/Zip: Wichita, KS 67202
Purchaser: NCRA
Operator Contact Person: John Washburn
Phone: (316) 265-6231
Contractor: Name: Summit Drilling Co.
License: 30141
Wellsite Geologist: Frank Mize

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:
Original Comp. Date: Original Total Depth:
Deepening Re-perf. Conv. to Enhr./SWD
Plug Back Plug Back Total Depth
Commingled Docket No.
Dual Completion Docket No.
Other (SWD or Enhr.?) Docket No.
6-3-04 6-10-04 7-15-04
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 115-21,316 - 0000
County: Marion
SE NW Sec. 32 Twp. 18 S. R. 1 East West
1980 feet from S (N) (circle one) Line of Section
1980 feet from E (W) (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE (NW) SW
Lease Name: David Well #: 1
Field Name: Wildcat
Producing Formation: Mississippian
Elevation: Ground: 1560 Kelly Bushing: 1570
Total Depth: 2896 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at 304 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.
ACT IWHM 11-29-06

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content 1500 ppm Fluid volume 150 bbls
Dewatering method used evaporation
Disposition of fluid disposal if hauled offsite:
Operator Name:
Lease Name: License No.:
Quarter Sec. Twp. S. R. East West
County: Docket No.:

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, 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 of 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: John M. Washburn
Title: Vice President Date: 7-28-04
Subscribed and sworn to before me this 28th day of July 2004.
Notary Public: Peggy L. Sailor
Date Commission Expires:

NOTARY PUBLIC - State of Kansas
PEGGY L. SAILOR
My Appt. Exp. 12-8-07

KCC Office Use ONLY
Letter of Confidentiality Received
If Denied, Yes Date:
Wireline Log Received
Geologist Report Received
UIC Distribution

Operator Name: Range Oil Company, Inc. Lease Name: David Well #: 1
 Sec. 32 Twp. 18 S. R. 1 East West County: Marion

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 <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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: <u>Dual Porosity, Induction</u>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table border="0" style="width:100%"> <tr> <td style="width:60%">Name</td> <td style="width:20%">Top</td> <td style="width:20%">Datum</td> </tr> <tr> <td>Heebner</td> <td>2037</td> <td>-467</td> </tr> <tr> <td>Lansing</td> <td>2283</td> <td>-713</td> </tr> <tr> <td>BKC</td> <td>2637</td> <td>-1067</td> </tr> <tr> <td>Cherokee</td> <td>2823</td> <td>-1253</td> </tr> <tr> <td>Miss-Warsaw</td> <td>2860</td> <td>-1290</td> </tr> <tr> <td>LTD</td> <td>2896</td> <td>-1326</td> </tr> </table>	Name	Top	Datum	Heebner	2037	-467	Lansing	2283	-713	BKC	2637	-1067	Cherokee	2823	-1253	Miss-Warsaw	2860	-1290	LTD	2896	-1326
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LTD	2896	-1326																				

DST (1) 2820'-2875' 30-30-60-60 Gauge 42 mcfpd
 Rec: 496' fluid (26.6% oil, 33.4% mud, 11.3% wtr)
 FP 73-181 SIP 590-589 T: 110 F

CASING RECORD <input 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	24	304	common	165	3% CaCl
Production	7 7/8	4 1/2	10 1/2	2895	Thick set	200	

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
4	2861' to 2869'	500 gallons (15% MCA)	2861-69'

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 KCC WICHITA

TUBING RECORD		Size 2 3/8	Set At 2888'	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. 7-15-04		Producing Method <input checked="" type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls. 17	Gas Mcf 18	Water Bbls. 78	Gas-Oil Ratio	Gravity

Disposition of Gas	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-13.)</i>	<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	_____

KCC
 JUL 28 2004
 CONFIDENTIAL

CONSOLIDATED OIL WELL SERVICES

PO Box 103
Eureka, Kansas 67045

Cementing Ticket and Invoice Number **Nº 5554**

Date 6-11-04	Customer Order No. 10942	Sect. 32	Twp. 18	Range 1E	Truck Called Out	On Location	Job Began	Job Completed
Owner Range Oil Company, Inc.		Contractor Summit Drilling			Charge To Range Oil Company, Inc.			
Mailing Address 125 N. Market St. #1120		City Wichita			State Ks			
Well No. & Form David #1		Place Marion			County Kansas			
Depth of Well 2897'	Depth of Job 2896'	Casing (New) Size 4 1/2"	Weight 10.5 lb	Size of Hole Amt. and Kind of Cement 7 7/8" 200 sks	Cement Left in casing by Request Necessity		Request Necessity 3 feet	
Kind of Job Longstring PBD 2893'					Drillpipe	(Rotary)	Truck No. 446	
					Tubing	(Cable)		

Price Reference No. _____
 5401 Price of Job **675.00**
 Second Stage _____
 5406 Mileage **75** **168.75**
 Other Charges _____
 Total Charges **843.75**

Remarks **Safety Meeting: Rig up to 4 1/2" casing, break circulation with 15 Bbl. fresh water. Mixed 125 sks 60/40 Pozmix w/ 42 Gal. 12 CACL2 and 4" P 1/2 of KOL-SEAL. Tended with 75 sks Thick Set cement with 4" P 1/2 of KOL-SEAL at 134 # P 1/2 GAL. Shutdown, washout pump and lines. Release Plug - Displace Plug with 46 Bbl. water. Final pumping at 550 PSI - Bumped Plug to 950 PSI wait 2 min. Release Pressure - Float Held - close casing in OPST.**
We had good circulation during cementing procedure

Cementor **Brad Buttr** Job complete - Teardown
 Helper **Rick Anthony Ed. Jim** District **Eureka** State **Kansas**
 The above job was done under supervision of the owner, operator, or his agent whose signature appears below.
"Thank you"
Ronald J. [Signature] Agent of contractor or operator

Sales Ticket for Materials Only

Quantity Sacks	BRAND AND TYPE	PRICE	TOTAL
125 SKS	60/40 Pozmix cement	" 1131 6.95	868.75
4 SKS	Gel 4%	KCC " 1118 11.80	47.20
2 SKS	CACL2 1%	JUL 28 2004 " 1102 34.00	68.00
10 SKS	KOL-SEAL 4" P 1/2	" 1110 A 15.00	150.00
CONFIDENTIAL			
75 SKS	Thick Set cement	" 1126 A 11.30	847.50
6 SKS	KOL-SEAL 4" P 1/2	" 1110 A 15.00	90.00
6 Hrs	80 Bbl. VAC Truck	" 5502 c 75.00	450.00
3000 GAL	City water	JUL 29 2004 " 1123 11.25 P 1/2	33.75
5	4 1/2" x 7 7/8" Centralizers	KCC WICHITA " 4129 26.00	130.00
8	4 1/2" Cable Wipers	" 4226 40.00	320.00
1	4 1/2" AFU Inset Flapper Valve	" 4404 110.00	110.00
1	4 1/2" Top Rubber Plug	# 5407A 35.00	35.00
Plugs		9.75 Tra Mileage 75 .80	585.00
Delivered by Truck No. 441, 442			Sub Total 4578.95
Delivered from Eureka			Discount
Signature of operator Brad Buttr			Sales Tax 170.01
			Total 4749.06

190840

CONSOLIDATED OIL WELL SERVICES

PO Box 103
Eureka, Kansas 67045

Cementing Ticket
and Invoice Number

N^o 5581

Date 6-4-04	Customer Order No. 1140	Secl. 32	Twp. 18	Range 11	Truck Called Out	On Location 8:30 AM	Job Began 9:00 AM	Job Completed 9:30 AM
Owner Range Oil Company, Inc.	Contractor Summit Drilling			Charge To Range Oil Company, Inc.				
Mailing Address 125 N. Market St.	City Wichita	State Ks						
Well No. & Form D-1120	Place 1120	County	State Kansas					
Depth of Well 304'	Depth of Job 307'	Casing <input checked="" type="radio"/> New <input type="radio"/> Used	Size 8 5/8"	Weight 28 lb	Size of Hole Amt. and Kind of Cement 12 1/4" 165 sks	Cement Left in casing by	Request Necessity 20'	feet
Kind of Job Surface Pipe	Drillpipe	Rotary <input type="radio"/>	Truck No. 4444					

Price Reference No.	
5401 S	525.00
Price of Job	
Second Stage	
5406 2/1	168.75
Mileage	
Other Charges	
Total Charges	693.75

Remarks: Safety Meeting - Rig up to 8 5/8" casing, Break circulation with 25 Bbl fresh water, Mixed 165 sks Reg. cement with 32 CAC₂, 22 Gal. Fibre with P_{1/8} sh. Shutdown washout pump lines. Release Plug - Displace Plug with 17 3/4 Bbls water. Shutdown - close casing in. 900 CEMENT RETURNS. 4 Bbl Cement Slurry Returns.

Cementor: **Steve Mead** Job complete - Tear down

Helper: **Alan Anthony** District: **Eureka** State: **Kansas**

The above job was done under supervision of the owner, operator, or his agent whose signature appears below.

Thank you

Agent of contractor or operator

Sales Ticket for Materials Only

Quantity Sacks	BRAND AND TYPE	PRICE	TOTAL
165 sks	Regular - class A cement #1104	8.50	1402.50
9 sks	CAC ₂ 32 #1102	34.00	306.00
3 sks	Gal 22 #1118	11.80	35.40
2 sks	Fibre 1/16 P _{1/8} #1107	37.75	75.50
1	8 5/8" Centralizers #4132	40.00	40.00
1	8 5/8" Cement Basket #4106	235.00	235.00
1	8 5/8" Wooden Plug #4432	50.00	50.00
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JUL 29 2004			
KCC WICHITA			
Plugs	#5407 776 Ton	Mileage 75	1.80
Delivered by Truck No. #441	Delivered from Eureka	Sub Total	465.60
Signature of operator		Discount	3303.75
		Sales Tax	135.10
		Total	3438.85

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