

ORIGINAL

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

RECEIVED

Form ACO-1
September 1999
Form Must Be Typed

OCT 18 2002

KCC WICHITA

Operator: License # 5120
 Name: Range Oil Company, Inc.
 Address: 125 N. Market, Suite 1120
 City/State/Zip: Wichita, KS 67202
 Purchaser: _____
 Operator Contact Person: John M. 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 SIOW 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. _____

<u>6-11-02</u>	<u>6-18-02</u>	<u>10-11-02</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 017-20,827-00-00
 County: Chase
 Approx. SE - SE - SW Sec. 13 Twp. 19 S. R. 7 East West
1600 feet from (S) N (circle one) Line of Section
1150 feet from E / (W) (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW (SW)
 Lease Name: Roberts A Well #: 1
 Field Name: Neva
 Producing Formation: Lansing
 Elevation: Ground: 1189 Kelly Bushing: 1199
 Total Depth: 1740 Plug Back Total Depth: 1301
 Amount of Surface Pipe Set and Cemented at 210 Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set _____ Feet
 If Alternate II completion, cement circulated from _____
 feet depth to ALT I WITH 3/20/06 _____ sx cmt.
Drilling Fluid Management Plan
 (Data must be collected from the Reserve Pit)
 Chloride content 1300 ppm Fluid volume 200 bbls
 Dewatering method used evaporation
 Location 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: 10-17-02
 Subscribed and sworn to before me this 17 day of October, 2002
 Notary Public: Vickie Larison
 Date Commission Expires: 9-21-2006

KCC Office Use ONLY

YES Letter of Confidentiality Attached DEW
 If Denied, Yes Date: 10-21-02 ED
YES Wireline Log Received
YES Geologist Report Received
 _____ UIC Distribution

 **VICKIE LARISON**
 Notary Public - State of Kansas
 My Appt. Expires 9-21-06

Operator Name: Range Oil Company, Inc. Lease Name: Roberts A Well #: 1
 Sec. 13 Twp. 19 S. R. 7 East ~~West~~ County: Chase

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 <i>(Attach Additional Sheets)</i>	<input checked="" type="checkbox"/> Yes No	RECEIVED OCT 18 2002 KCC WICHITA	Log Formation (Top), Depth and Datum	Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes No		Name	Top Datum
Cores Taken	Yes <input checked="" type="checkbox"/> No		Emporia	276 +923
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes No		Heebner	852 +347
List All E. Logs Run: Dual Porosity & Dual Induction			Lansing	1123 +76
		Arbuckle	1730 -531	

CASING RECORD							
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	210	common	125	3 % CaCl
Production	7 7/8	5 1/2	15	1301	lite & USC	250	

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	1132 to 1134, 1138 to 1140, 1144 to 1146, 1158 to 1164	1000 gallons acid (15% MCA)	1132-1134 1138-1140 1144-1146 1158-1164

TUBING RECORD		Size 2 3/8	Set At 1134'	Packer At none	Liner Run Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Date of First, Resumed Production, SWD or Enhr. 10-11-02		Producing Method <input checked="" 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 125	Water Bbls. trace	Gas-Oil Ratio	Gravity

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

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled
 Other (Specify) _____

RANGE OIL COMPANY, INC.
125 NORTH MARKET, SUITE 1120
WICHITA, KANSAS 67202

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KCC WICHITA

DAILY DRILLING REPORT

WELL: Roberts A #1 (R) COUNTY: Chase
ELEVATION: 1199 KB PROSPECT: Roberts A
LOCATION: 1600' FSL & 1150' FWL SW/4 *Sec 13-19-7E*

DATE	<u>WORK PERFORMED</u>
06/11/02	Moved in Rotary Tools. Summit Drilling Company has the contract. Estimated drilling time, eight days.
06/12/02	8:00 a.m. Present total depth 218'. Preparing to set surface casing.
06/13/02	8:00 a.m. Present total depth 511'. Preparing for DST (1). Emporia 276' (+923), WhiteCloud 416' (+783), Severy 496' (+703)
06/14/02	8:00 a.m. Present total depth 601'. Preparing for DST (2). DST (1) 490'-511' 30-30-60-60 Gauged: 22.9 mcf in 40 min.; decreased to 15.7 mcf in 90 min. Rec: 472' GIP + 35' SGCM (10% gas) FP 43-53 SIP 223-223 T: 86°F, Topeka 530' (+669), Calhoun 582' (+617)
06/15/02	7:00 a.m. Drilling at 750'. DST (2) 576-601 30-30-60-60. Ga: 333.2 mcfpd steady after 20 min; No recovery FP 57-60 SIP 274-280, Tecumseh 677' (+522)
06/16/02	7:00 a.m. Drilling at 980'. DST (3) 902-960 30-30-60-30. Rec: 60' HMCW (45% mud) + 690' SMSW (10% mud) FP 39-348 SIP 420-425 T: 81°F, Oread 821' (+378), Heebner 852' (+347), Ireland 939' (+260)
06/17/02	8:00 a.m. Circulating at 1214'. DST (4) 1134-1181 30-30-60-60, Ga: 3.4 mcfpd increased to 5.3 mcfpd in 60 minutes of 2 nd open, Rec: 30' GCM + 1089' GIP, FP 17-19 SIP 537-553, T: 87°F, Lansing 1123' (+76)
06/18/02	8:00 a.m. Drilling at 1490'. BKC 1474' (-275)
06/19/02	8:00 a.m. Rotary total depth 1740'. Preparing to run production casing. Log-Tech ran E-log. Arbuckle 1730' (-531), RTD 1740' (-541)
06/20/02	7:00 a.m. Rotary total depth 1740'. Set 5 ½" casing @ 1301' w/ 250 sx United lite & USC cement.

Porosity and shows of gas were encountered in the Severy sandstone, Calhoun sandstone, Tucumseh sandstone and Lansing. Production casing has been set. Progress reports will follow.

menting & Acid Company, Inc.
 Broadway, Suite 3300
 Oklahoma City, Oklahoma 73102
 (405)-606-8500

Plant Location
 2510 West 6th Street
 El Dorado, Kansas 67042
 (316) 321-4680

COPY

Customer:
Range Oil Company, Inc.
125 North Market, Suite 1120
Wichita, KS 67202

Invoice No. 4560
Field Ticket 3994
Date 6/24/02

PO#

Date of Job	County	State	Lease	Well No.
06/19/02	CS	KS	Roberts	A-1
Size of Casing	Depth Of Well	Depth Of Job	Plug Depth	Pressure
5-1/2"	1740'	1299'	1255'	1600 psi
Quantity	Description	UOM	Unit Price	Total
	LONGSTRING			
150	USC Cement	sax	8.08	1,212.00
450	Gilsonite	lb	0.35	157.50
100	Lite Weight Cement	sax	4.85	485.00
25	Flo-Seal	lb	1.25	31.25
1	5-1/2" Packer Shoe	ea	1162.00	1,162.00
4	5-1/2" Centralizers	ea	32.00	128.00
250	Bulk charge	sax	0.94	235.00
	Drayage (12.5 tons x .70 x 53 mi.)			463.75
53	Pump Truck Mileage charge	mi	2.00	106.00
19	5-1/2" Scratchers	ea	35.00	665.00
	Cement Unit			615.60
			Subtotal	\$5,261.10
			Sales Tax	\$ 267.83
			Total	\$5,528.93

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 JUL - 1 2002
 Thank you for your continued business

Please Remit To:
 100 North Broadway, Suite 3300
 Oklahoma City, Oklahoma 73102

Terms: Net 30 days From Invoice Date. Please Pay From This Invoice

ORIGINAL INVOICE

SERVICE TICKET

3994

UNITED CEMENTING & ACID CO., INC.

BOX 712

EL DORADO, KANSAS 67042

PHONE AC 316-321-4680

DATE 6-19-02 COUNTY CHASE Co. Ks.
 CHG. TO: Ravage Oil Co. ADDRESS _____
 CITY _____ STATE KANSAS ZIP _____
 LEASE & WELL NO. Adbeets A-1 SEC. _____ TWP. _____ RNG. _____
 CONTRACTOR Summit Drilling TIME ON LOCATION 8:45 A.M.
 KIND OF JOB Long String D.W.
 SERVICE CHARGE: Pump Charge 619.64

QUANTITY	MATERIAL USED	TYPE	
150	sts USC	@ 80¢	1212.00
450	lbs Gilwhite	@ 35¢	157.50
100	sts Life Cement	@ 4.85	485.00
25	lbs FTo-Seal	@ 1.25	31.25
1	5 1/2 Packer Shoe		1162.00
4	5 1/2 Centralizers	@ 32.00 ea.	128.00
250	BULK CHARGE		235.00
53	BULK TRK. MILES	12.5 tons	463.75
53	PUMP TRK. MILES		106.00
19	5 1/2 Scratches	@ 35.00	665.00
	PLUGS		
	SALES TAX		217.83
	TOTAL		5528.93

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T. D. 1740
 SIZE HOLE 7 3/8
 MAX. PRESS. 1600
 PLUG DEPTH 1255 KB
 PLUG USED Lock-Down

CSG. SET AT 1299 VOLUME _____
 TBG SET AT _____ VOLUME _____
 SIZE PIPE 5 1/2 15.5# 8th
 PKER DEPTH _____
 TIME FINISHED 1:40 P.M.

REMARKS: Opened shoe at 950# - mixed 100 sts Life & TAPPED
with 150 sts USC + 3% Gilwhite. Pushed Pump AND
Pipes - Pumped plug down with Freshwater Tapped with
Wireline Final HT Pressure 850# - Pump Plug to
1500#. Released Mast holds

Circulates Cement to Surface!

EQUIPMENT USED

NAME <u>Chet</u>	UNIT NO.	NAME <u>Kenner D. Sumner</u>	UNIT NO.
<u>Greg - Rob</u>			
<u>Larry Storm</u>			

CEMENTER OR TREATER _____ OWNER'S REP. _____