

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

CONFIDENTIAL

ORIGINAL

Operator: License # 5120
Name: Range Oil Company, Inc.
Address: 125 N. Market, Suite 1120
City/State/Zip: Wichita, KS 67202
Purchaser: American Energies Corp. - to B P Canada
Operator Contact Person: John M. Washburn
Phone: (316) 265-6231
Contractor: Name: Summit Drilling Company
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)

API No. 15 - 017-20,845 0000
County: Chase
Approx. NE SE Sec. 9 Twp. 20 S. R. 7 East West
1850 feet from (S) N (circle one) Line of Section
765 feet from (E) W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE (SE) NW SW
Lease Name: Palmer Well #: 1
Field Name: Elmdale South
Producing Formation: _____
Elevation: Ground: 1249 Kelly Bushing: 1259
Total Depth: 1771' Plug Back Total Depth: 1047'
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 _____ w/ _____ sx cmt.

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. _____
9-9-03 9-16-03 11-1-03
Spud Date or Date Reached TD Completion Date or Recompletion Date

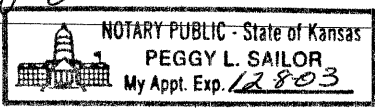
Drilling Fluid Management Plan ALT I WITHIN 4-8-07
(Data must be collected from the Reserve Pit)
Chloride content 1200 ppm Fluid volume 200 bbls
Dewatering method used evaporation
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ 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: 11-25-03
Subscribed and sworn to before me this 25th day of November, 2003.
Notary Public: Peggy L. Sailor
Date Commission Expires: _____

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



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	1222' to 1228' and 1238' to 1240'	3800 gallons acid	1222' to 1240'
	Bridge Plug set @ 1053'		
3	1010' to 1017'	Natural	1010' to 1017'

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. 11-1-03 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	<u>none</u>	<u>60</u>	<u>none</u>		

Disposition of Gas Vented Sold Used on Lease (If vented, Submit ACO-18.)
METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled
Production Interval Other (Specify)

CONFIDENTIAL

Side Two

ORIGINAL

Operator Name: Range Oil Company, Inc. Lease Name: Palmer Well #: 1
Sec. 9 Twp. 20 S. R. 7 [X] East [] West County: Chase API# 15-017-20845-00-00

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 [X] Yes [] No (Attach Additional Sheets)

Samples Sent to Geological Survey [X] Yes [] No

Cores Taken [] Yes [X] No

Electric Log Run [X] Yes [] No (Submit Copy)

List All E. Logs Run:

Dual Porosity & Dual Induction

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[X] Log Formation (Top), Depth and Datum [] Sample

Table with 3 columns: Name, Top, Datum. Rows include Severy, Tecumseh, Heebner, Ireland, Lansing, Conglomerate, LTD.

CASING RECORD [X] New [X] Used

Report all strings set-conductor, surface, intermediate, production, etc.

Table with 8 columns: 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. Rows for Surface and Production.

ADDITIONAL CEMENTING / SQUEEZE RECORD

Table with 5 columns: Purpose, Depth Top Bottom, Type of Cement, #Sacks Used, Type and Percent Additives. Rows for Perforate, Protect Casing, Plug Back TD, Plug Off Zone.

Table with 4 columns: 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. Rows for 4 and 3 shots.

TUBING RECORD Size Set At Packer At Liner Run [] Yes [] No

Date of First, Resumerd Production, SWD or Enhr. 11-1-03 Producing Method [X] Flowing [] Pumping [] Gas Lift [] Other (Explain)

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

Disposition of Gas METHOD OF COMPLETION Production Interval

[] Vented [X] Sold [] Used on Lease [] Open Hole [X] Perf. [] Dually Comp. [] Commingled [] Other (Specify)

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RANGE OIL COMPANY, INC.

RECEIVED

NOV 26 2003

ORIGINAL

KCC WICHITA

API# 15-017-20845-00-00

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WELL NO. 1 LEASE Palmer (R-WC) S-T-R 9-20S-7E LOCATION 1850' FSL & 765' FEL SE/4

ELEV GL 1249 KB 1259 API# 15-017-20845 COUNTY Chase

AFE 7-10-03 L&S 8-26-03 NOTICE OF INTENT 8-21-03 SAMPLE LETTER 8-27-03

SPUD 9-9-03 SURFACE CASING 8 5/8" @ 210' KB w/ 153 sx + 3% CaCl GEOLOGIST Frank Mize

PLUG AT 200' KB PLUG DOWN 11:45pm on 9-9-03 CALL POINT 210'

MIRT 9-8-03 CORRELATION WELL Stanolind #1 Roniger Sec 10-20-7E

CONTRACTOR Summit Drilling Co., Rig #1 EST TIME 7 days

FORM SPL DATUM E LOG DATUM STRUCT DATE
COMP

Ind Cv	247	+1012	249	+1010	17↑
Emp	352	+907	347	+912	12↑
How	542	+717	540	+719	18↑
Sv Ss	563	+696	563	+696	25↑
Topeka			602	+657	
Cal zn	654	+605	653	+606	19↑
Tecum	744	+515	743	+516	
LeComp	766	+493	765	+494	21↑
Elgin 2	847	+412	848	+411	
Oread	889	+370	888	+371	21↑
Heeb	922	+337	922	+337	20↑
Ireland	1009	+250	1010	+249	21↑
Lans	1201	+58	1200	+59	25↑
Lans B	1235	+24	1235	+24	27↑
BKC	1535	-276	1534	-275	28↑
Congl	1749	-490	1749	-490	38↑
RTD	1770	-511			
LTD			1771	-512	

9-8-03	MIRT
9-9-03	9:00am Start drilling surface hole
9-10-03	8:00am PTD 217 WOC 1/4" @ 217'
9-11-03	8:00am PTD 585 Running DST(1)
9-12-03	8:00am Drlg @ 810' 1/4" @ 585' DST(1) 558-585 30-30-60-60 GA: 250 mcfpd Rec: 75' mCSW IFF 115-125 ISIP 239 FFP 176-155 FSIP 24
	DST(2) 741-756 30-30-60-60 GA: 863 mcfpd Rec: 10' GCM IFF 276-264 ISIP 337 FFP 273-250 FSIP 334
9-13-03	7:00am PTD 1020 1/2" @ 1020' DST(3) 915-1020 30-30-60-60 GA: 595 mcfpd Rec: 5' mnd IFF 378-355 ISIP 422 FFP 359-355 FSIP 42
9-14-03	7:30am Drlg @ 1270' DST(4) 1219-1246 30-30-60-60 GTS in 40 min GA: 5' mcfpd IFF 15-25 ISIP 476 FFP 18-33 FSIP 454 T: 94°F
9-15-03	7:45am Drlg @ 1637 Rec: 45' mnd
9-16-03	8:00am RTD 1770 Prepare for E-Log DST(5) 1705-1770 30-30-60-60 Blow: strong to v weak Rec: 270 mCSW (10,000 ppm) Estimate additional 818' fluid was in drill pipe but not recovered after pin was sheared in circ. sub - necessary to control blowout IFF 45-310 ISIP 586 FFP 284-457 FSIP 594
9-17-03	7:00am RTD 1770 Ran Log-Tech Elog Set 5 1/2" csg at 1750 with 110 sx Lite cement and 260 sx USC cement

5 1/2" CASING AT 1750 w/ 110 sx Lite cement and 260 sx USC cement

Plug down at 9:15pm on 9-16-03

DATE

CONFIDENTIAL

COPY

ORIGINAL

United Cementing & Acid Company, Inc.

2510 W. 6th St.

El Dorado, Kansas 67042

316-321-4680 800-794-0187 (Fax) 316-321-4720

Remit Payment To:

One North Hudson, Suite 1000

KCC Oklahoma City, OK 73102

405-278-8800

API# 15-017-20845-00-00

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Customer:

Range Oil Company, Inc.
125 N. Market St., Ste. 1120
Wichita, Kansas 67202

NOV 26 2003
KCC WICHITA

Invoice No. 5500
Field Ticket 2/16/1913
Date 9/12/2003
PO#

Date of Job	County	State	Lease	Well No.
09/09/03	CS	KS	Pa;mer	#1
Size of Casing	Depth Of Well	Depth Of Job	Plug Depth	Pressure
8-5/8"				
Quantity	Description	Unit Price	Total	
	SURFACE CASING			
	Cement Unit	UOM	*	482.00
55	Pump Truck Mileage Charge	mi	2.05	* 112.75
153	Class A Cement	sax	5.92	905.76
5	Calcium Chloride	sax	26.65	133.25
158	Bulk Charge	sax	0.98	154.84
	Drayage - 158 sax x .73 x 55 mi.			317.19
1	8-5/8" Centralizer			50.00
1	8-5/8" Basket			246.00
1	8-5/8" Top Rubber Plug			74.00
<i>Thank you for your continued business</i>				
Taxable	*Non-Taxable	Tax Rate	Sales Tax	TOTAL DUE
1881.04	594.75	0.063	118.51	\$2,594.30

RECEIVED
SEP 15 2003

TERMS: Net 30 days from invoice date. Please pay from this invoice.

ORIGINAL INVOICE

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ORIGINAL

United Cementing & Acid Company, Inc.

2510 W. 6th St.

El Dorado, Kansas 67042

316-321-4680 800-794-0187 (Fax) 316-321-4720

Remit Payment To: One North Hudson, Suite 1000 Oklahoma City, OK 73102 405-278-8800

API# 15-017-20845-00-00

Customer:

KCC

Invoice No. 5517

Field Ticket 4953

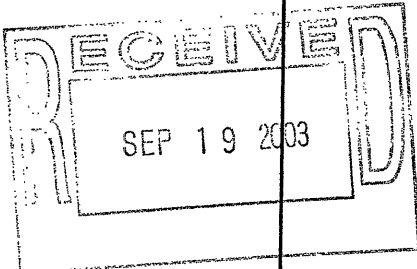
Date 9/18/2003

NOV 28 2003

Range Oil Company, Inc. 125 N. Market St., Ste. 1120 Wichita, Kansas 67202

CONFIDENTIAL

PO#

Date of Job	County	State	Lease	Well No.
09/16/03	CS	KS	Palmer	#1
Size of Casing	Depth Of Well	Depth Of Job	Plug Depth	Pressure
5-1/2"	1770'	1750'	1708'	1500 psi
Quantity	Description	Unit Price	Total	
PRODUCTION CASING				
	Cement Unit	UOM		*
50	Pump Truck Mileage Charge	mi	2.05	* 709.86
260	USC Cement	sax	8.25	* 102.50
110	Lite Weight Cement	sax	4.95	2,145.00
1	5-1/2" Loc-Down Plug w/baffle			544.50
1	5-1/2" Basket Shoe			190.00
4	5-1/2:" Centralizers	ea	32.00	889.00
23	5-1/2" Scratchers	ea	35.00	128.00
370	Bulk Charge	sax	0.98	805.00
	Drayage - 18.50 tons x .73 x 50 mi.			362.60
				675.25
				
<i>Thank you for your continued business</i>				
Taxable	*Non-Taxable	Tax Rate	Sales Tax	
5739.35	812.36	0.063	361.58	\$6,913.29

TERMS: Net 30 days from invoice date. Please pay from this invoice.

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