

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

**ORIGINAL**

Form ACO-1  
September 1999  
Form Must Be Typed

**WELL COMPLETION FORM**  
**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

Operator: License # 33953  
Name: Raven Resources  
Address: 13220 N MacArthur  
City/State/Zip: Oklahoma City, OK 73142  
Purchaser: \_\_\_\_\_  
Operator Contact Person: David E. Rice  
Phone: (620) 624-0156  
Contractor: Name: Advanced Drilling Technologies, LLC  
License: 33532  
Wellsite Geologist: \_\_\_\_\_  
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. \_\_\_\_\_  
11/08/07    11/17/07    Waiting on Comp  
Spud Date or    Date Reached TD    Completion Date or  
Recompletion Date       Recompletion Date

API No. 15 - 199-20362-0000  
County: Wallace  
NE SW Sec. 30 Twp. 11 S. R. 41  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: Lutters Well #: 2-30  
Field Name: Wildcat  
Producing Formation: Niobrara  
Elevation: Ground: 3831' Kelly Bushing: 3843'  
Total Depth: 1215' Plug Back Total Depth: 1158.28'  
Amount of Surface Pipe Set and Cemented at 251' Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from 1200'  
feet depth to surface w/ 115 sx cmt.

**Drilling Fluid Management Plan** AH. II SB  
(Data must be collected from the Reserve Pit) 4-9-09  
Chloride content 7000 ppm Fluid volume \_\_\_\_\_ bbls  
Dewatering method used \_\_\_\_\_  
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: David E Rice  
Title: Agent Date: 3/14/08  
Subscribed and sworn to before me this 14th day of March  
2008  
Notary Public: Becki Andrews  
Date Commission Expires: \_\_\_\_\_

NOTARY PUBLIC - STATE OF KANSAS  
BECKI ANDREWS  
My Commission Expires 4-22-2009

**KCC Office Use ONLY**  
 Letter of Confidentiality Attached  
 If Denied, Yes  Date: 4-3-08  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
**RECEIVED**  
KANSAS CORPORATION COMMISSION  
**MAR 18 2008**

CONSERVATION DIVISION  
WICHITA, KS

Operator Name: **Raven Resources** Lease Name: **Lutters** Well #: **2-30**  
 Sec. **30** Twp. **11** S. R. **41**  East  West County: **Wallace**

**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  Yes  No  
 (Attach Additional Sheets)  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No  
 Electric Log Run  Yes  No  
 (Submit Copy)

Log Formation (Top), Depth and Datum  Sample  
 Name Top Datum

List All E. Logs Run:

Spectral Density Dual Spaced Neutron Log  
 Array Compensated Resistivity Log

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	9-1/2"	7"	17#	251'	I/II ASTM	75	
Production	6-1/4"	4-1/2"	10.5#	1200'	Class A	115	2% CC

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

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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  Vented  Sold  Used on Lease (If vented, Sumit ACO-18.)

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

Production Interval

My Commission Expires  
 BECKI ANDREWS  
 NOTARY PUBLIC

**SCHAAL DRILLING, CO.**  
**PO BOX 416**  
**BURLINGTON, CO. 80807**  
**719-346-8032**  
**FIELD REPORT**  
**SURFACE CASING, DRILLING AND CEMENTING**

DRILLING DATE 11-08-07

WELL NAME & LEASE # Lutters 2-30

MOVE IN, RIG UP, DIG PITS ETC. DATE 11-08-07 TIME 7:00 AM PM

SPUD TIME 8:15 AM PM SHALE DEPTH 60 TIME 8:30 AM PM

HOLE DIA. 9 1/2 FROM 0 TO 255 TD TIME 10:30 AM PM

CIRCULATE, T.O.O.H., SET 251.75 FT CASING 264.75 KB FT DEPTH

6 JOINTS 7 OD #/FT 14 15.5 17 20 23

PUMP 75 SAC CEMENT 392 GAL.DISP. CIRC. 1 BBL TO PIT

PLUG DOWN 11:45 AM PM DATE 11-08-07

CEMENT LEFT IN CSG. 20 FT  
CENTRALIZER 1

TYPE: PORTLAND CEMENT I/II ASTM C 150  
CEMENT COST \$ 1111.44

ELEVATION 3831  
+12KB 3843

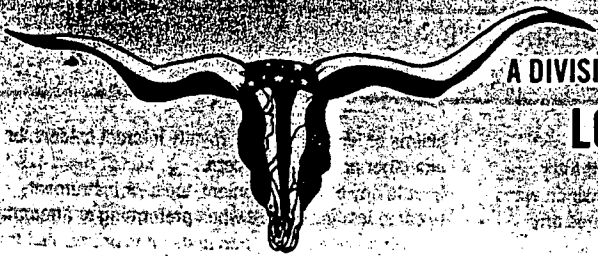
PIPE TALLY

- 1. 41.95
  - 2. 42.00
  - 3. 42.00
  - 4. 41.95
  - 5. 41.95
  - 6. 41.90
  - 7.
  - 8.
  - 9.
  - 10.
  - 11.
  - 12.
  - 13.
  - 14.
- TOTAL 251.75

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**MAR 18 2008**

CONSERVATION DIVISION  
WICHITA, KS



A DIVISION OF ADVANCED DRILLING TECHNOLOGIES, LLC.

FIELD SERVICE TICKET AND INVOICE

**LONGHORN CEMENTING CO.**

P.O. BOX 203 YUMA, COLORADO 80759  
 Phone: 970-848-0799 Fax: 970-848-0798

DATE 11-17-07 TICKET NO. 1360

DATE OF JOB	DISTRICT	NEW WELL <input checked="" type="checkbox"/>	OLD WELL <input type="checkbox"/>	PROD <input type="checkbox"/>	INJ <input type="checkbox"/>	WDW <input type="checkbox"/>	CUSTOMER ORDER NO.
CUSTOMER <u>Raven Resources</u>		LEASE <u>Letters 2-30</u>				WELL NO.	
ADDRESS		COUNTY		STATE			
CITY		STATE		SERVICE CREW <u>MIKE Brad</u>			
AUTHORIZED BY		EQUIPMENT <u>UNIT #11</u>					
TYPE JOB: <u>Longstring</u>	DEPTH FT.	CEMENT DATA: BULK <input type="checkbox"/>		SAND DATA: SACKS <input type="checkbox"/>		TRUCK CALLED	
		SACKS	BRAND	TYPE	% GEL	ADMIXES	DATE AM PM
SIZE HOLE: <u>6 1/4</u>	DEPTH FT.	<u>115</u>	<u>A</u>	<u>1-11</u>			ARRIVED AT JOB
SIZE & WT. CASTING <u>NEW 4 1/2</u>	DEPTH FT.						START OPERATION
SIZE & WT. D PIPE OR TUBING	DEPTH FT.						FINISH OPERATION
TOP PLUGS	TYPE	WEIGHT OF SLURRY: <u>15.4</u> LBS./GAL.		LBS./GAL.		RELEASED	
		VOLUME OF SLURRY <u>1.25 cu + 1/2</u>				MILES FROM STATION TO WELL	
<u>BSD 1158</u>	MAX DEPTH FT.	MAX PRESSURE		P.S.I.			

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only these terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without written consent or an officer of Advanced Drilling Technologies, LLC.

SIGNED:

(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM / PRICE REF NUMBER	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
001-0	Depth Charge - Cement - Mileage				4200 00
	As per Contract				
300-2	Annual Float Seal	2			267 07
310-4	Latch down Baffle 2 ply	2			226 00
300-6	Centralizers	6			215 04
300-8	Scratchers	6			208 80
300-12	Centralizer	2			36 44
400-2	Calcium Pellets	5018			50 00
400-4	KLL	15018			60 45
200-1	Cement Per SK	55			962 50
1730	KLL / Water 10 BBIS				
1735	Cement 25.4 BBIS				
1745	Displacement 18.4 BBIS				
1800	Bump plug @ 260 psi				

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MAR 18 2008

RESERVATION DIVISION

SUB TOTAL

ACID DATA:			
	GALLONS	%	ADDITIVES
HCL			
HCL			

SERVICE & EQUIPMENT	% TAX ON \$	
MATERIALS	% TAX ON \$	
<b>TOTAL</b>		

SERVICE REPRESENTATIVE [Signature] THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY [Signature]

FIELD SERVICE ORDER NO.

(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)



March 19, 2008

Kansas Corporation Commission  
Oil & Gas Conservation Division  
130 S. Main, Room 2078  
Wichita, KS 67202

RE: Raven Resources  
Lutters #2-30  
Sec 30-11-41W  
Wallace Co., KS  
API #15-199-20362-0000

To Whom It May Concern:

Enclosed are the Form ACO-1 Completion Report, cementing tickets and logs for the above-mentioned well.

Please hold all information contained in this well confidential for a period of at least one year.

If you have any further questions, please feel free to give me a call.

Sincerely,

A handwritten signature in black ink that reads "David Rice".

David Rice, Agent  
Raven Resources

DR/ba

cc: Raven Resources

Attachments

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CONSERVATION DIVISION  
WICHITA, KS