

CONFIDENTIAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ORIGINAL 9/20/08

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  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. \_\_\_\_\_

6/13/07 6/16/07 8/02/07  
Spud Date or Date Reached TD Completion Date or  
Recompletion Date Recompletion Date

API No. 15 - 199-20330-0000  
County: Wallace  
NW \_\_\_\_\_ Sec. 31 Twp. 11 S. R. 41  East  West  
1320 feet from S N (circle one) Line of Section  
1320 feet from E W (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Westfield Etal Well #: 1-31  
Field Name: Wildcat  
Producing Formation: Niobrara  
Elevation: Ground: 3769' Kelly Bushing: 3781'  
Total Depth: 1160' Plug Back Total Depth: 1106.70'  
Amount of Surface Pipe Set and Cemented at 245' 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 AIT-4 NH-7-30-08  
(Data must be collected from the Reserve Pit)  
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 for Raven Date: 10-2-07  
Subscribed and sworn to before me this 2nd day of October,  
2007  
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: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
RECEIVED  
KANSAS CORPORATION COMMISSION  
OCT 04 2007  
CONSERVATION DIVISION  
WICHITA, KS

Operator Name: Raven Resources Lease Name: Westfield Etal Well #: 1-31  
 Sec. 31 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 <input type="checkbox"/> Yes <input checked="" 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:  Spectral Density Dual Spaced Neutron Log Array Compensated Resistivity Log Dual Spaced Cement Bond Log	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
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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#	245'	Class H	60	
Production	6-1/8"	4-1/2"	10.5#	1143.05'	Class A	60	2% Calcium Chl

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
2	879'-902', 916'-918' and 924'-928'	500 gals 7.5% HCL Acid	
		48,881 gals foam frac, 100,940# 16/30 sanc	

TUBING RECORD		Size <u>2-3/8"</u>	Set At <u>864.30'</u>	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. <u>Waiting on pipeline</u>			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 \_\_\_\_\_

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

DRILLING DATE 6-13-07

WELL NAME & LEASE # Westfield 1-31

MOVE IN, RIG UP, DIG PITS ETC. DATE 6-12-07 TIME 3:00 AM PM

SPUD TIME 7:45 AM PM SHALE DEPTH 15 TIME 8:00 AM PM

HOLE DIA. 9 1/2 FROM 0 TO 250 TD TIME 9:30 AM PM

CIRCULATE, T.O.O.H., SET 245.45 FT CASING 258.45 KB FT DEPTH

6 JOINTS 7 0D #/FT 14 15.5 17 20 23

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PUMP 60 SAC CEMENT 390 GAL.DISP. CIRC. 2 BBL TO PIT

SEP 20 2007

PLUG DOWN TIME 10:30 AM PM DATE 6-13-07

KCC

CEMENT LEFT IN CSG. 20'  
CENTRALIZER 1

TYPE: PORTLAND CEMENT I/II ASTM C 150  
CEMENT COST \$ 902.42

ELEVATION 3769  
+12KB 3781

PIPE TALLY

1. 41.00
  2. 41.00
  3. 40.80
  4. 41.00
  5. 40.85
  6. 40.80
  - 7.
  - 8.
  - 9.
  - 10.
  - 11.
  - 12.
  - 13.
  - 14.
- 245.45

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KANSAS CORPORATION COMMISSION

OCT 04 2007

CONSERVATION DIVISION  
WICHITA, KS





9/20/08

September 20, 2007

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

CONFIDENTIAL

SEP 20 2007

KCC

RE: Raven Resources  
Westfield Etal #1-31  
Sec 31-11-41W  
Wallace Co., KS  
API #15-199-20330-0000

To Whom It May Concern:

Enclosed are the Form ACO-1 Completion Report and cementing tickets 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,

*David Rice*

David Rice, Agent  
Raven Resources

DR/ba

cc: Raven Resources

Attachments

RECEIVED  
KANSAS CORPORATION COMMISSION

OCT 04 2007