

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

AMENDED

Operator: License # 33953	API No. 15 - 199-20356-0000
Name: Raven Resources	County: Wallace
Address: 13220 N MacArthur	SN_SN_sec. 25 Twp. 11 S. R. 42 East West
City/State/Zip: Oklahoma City, OK 73142	660 feet from (S) N (circle one) Line of Section
Purchaser:	660 feet from E / (vicincle one) Line of Section
Operator Contact Person: David E. Rice	Footages Calculated from Nearest Outside Section Corner:
Phone: (<u>620</u>) <u>624-0156</u>	(circle one) NE SE NW SW
Contractor: Name: Advanced Drilling Technologies, LLC	Lease Name: Lutters Well #: 1-25
License: 33532	Field Name: Wildcat
Wellsite Geologist:	Producing Formation: Niobrara
Designate Type of Completion:	Elevation: Ground: 3835.6' Kelly Bushing: 3847.6'
New Well Re-Entry Workover	Total Depth: 1230' Plug Back Total Depth: 1162.84'
Oil SWD SIOWTemp. Abd.	Amount of Surface Pipe Set and Cemented at 242' Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth setFeet
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from
Operator:	feet depth tow/
Well Name:	Drilling Fluid Management Plan
Original Comp. Date: Original Total Depth:	(Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	Chloride content 7000 ppm Fluid volume bbls
Plug BackPlug Back Total Depth	Dewatering method used
Commingled Docket No	Location of fluid disposal if hauled offsite:
Dual Completion Docket No	Operator Name:
Other (SWD or Enhr.?) Docket No.	Lease Name: License No.:
11/15/07 11/25/07 9/5/08	Quarter Sec Twp S. R East West
Spud Date or Date Reached TD Completion Date or Recompletion Date	County: Docket No.:
	County Docket No
Kansas 67202, within 120 days of the spud date, recompletion, workove information of side two of this form will be held confidential for a period of 1	the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, er or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. 12 months if requested in writing and submitted with the form (see rule 82-3-and geologist well report shall be attached with this form. ALL CEMENTING S. Submit CP-111 form with all temporarily abandoned wells.
All requirements of the statutes, rules and regulations promulgated to regulate herein are complete and correct to the best of my knowledge.	ate the oil and gas industry have been fully complied with and the statements
Signature: Daniel & Rice	KCC Office Use ONLY
Title: Agent Date: 10-13-08	Letter of Confidentiality Attached
Subscribed and sworn to before me this 13thday of October	If Denied, Yes Date:
₩2008	Wireline Log Received RECEIVED
	Geologist Report Received KANSAS CORPORATION COMMISSIO
Notary Public: NOTARY PUBLIC - STATE OF KANSA	S OCT 1 5 2008
Date Commission Expires:	5 001 13 2000

BECKI ANDREWS

My Commission Expires 4-22-2009

CONSERVATION DIVISION WICHITA, KS

Operator Name: Raven Resources				Leas	se Name:	Name: Lutters Well #: 1-25					
Sec. 25 Twp. 11 S. R. 42 East West					nty: Wal	lace					
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 V No (Attach Additional Sheets)				Log Formation (Top), Dep			h and Datum Sample				
Samples Sent to Geological Survey				Name			Top Datum				
Cores Taken		_									
List All E. Logs Run:											
Spectral Density Dual Spaced Neutron Log Array Compensated Resistivity Log											
CASING RECORD V New Used											
Purpose of String	Size Hole	Siz	Report all strings set-conduc Size Casing		eight	ermediate, produc Setting	tion, etc.	# Sacks	Type	Type and Percent	
Surface	Drilled 0.1/2"	Set (In O.D.)		 	s. / Ft.	Depth	Cement	Used	Additives		
Surface	9-1/2"	7"		17#		242'	I/II ASTM	80			
Production	6-1/4"	4-1/2"		10.5#		1206.84'	Class A	124	2% CC		
Purpose: Depth		ADDITIONAL CEMENTI Type of Cement #Sacks			ring / SQI						
Perforate Protect Casing Plug Back TD	Top Bottom	1,700	Type of Comen			Type and Talean National					
Plug Off Zone											
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated				e	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth					
2	982'-998'					43,000 gals CO2 foam, 500 gals 7.5% HCL					
						acid, 100,000# 16/30 sand					
								···········			
TUBING RECORD Size Set At Packer At 2-3/8" 971'					At	Liner Run	Yes 🔽 No				
Date of First, Resumed P 9/5/08	roduction, SWD or E	nhr.	Producing Meth	od	Flowing	9 🔲 Pumpir	ng 🔲 Gas Liff	t Othe	er (Explain)		
Estimated Production Per 24 Hours			Mcf	f Water Bbls.			Gas-Oil Ratio Gravity				
Disposition of Gas											
Vented Sold Used on Lease (If vented, Sumit ACO-18.) Open Hole ✓ Perf. Dually Comp. Commingled											
						EUR Jahren ger	Connussion Exc	. <u>.M.</u> J			