

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
ACO-1 WELL HISTORY  
DESCRIPTION OF WELL AND LEASE

COPY

Jed

Operator: License # 6528  
Name: R.J. Patrick Operating Co.  
Address P O Box 1157  
City/State/Zip Liberal, KS 67905  
Purchaser: Duke Energy Field Services  
Operator Contact Person: R. J. Patrick  
Phone (316) 624-8483  
Contractor Name: Abercrombie Drlg. RTD  
License: 30684  
Wellsite Geologist: Bob Posey  
Desired Type of Completion  
☒ New Well ☐ Re-Entry ☐ Workover  
☒ Oil ☐ SUD ☐ SLOW ☐ Temp. Abd.  
☒ Gas ☐ ENHR ☐ SIGW  
☐ Dry ☐ Other (Core, WSU, Expl., Cathodic, etc)

If Workover/Reentry: Old Well Info as follows:

Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_  
☐ Deepening ☐ Re-perf. ☐ Conv. to Inj/SUD  
☐ Plug Back ☐ PSTD  
☐ Commingled ☐ Docket No. \_\_\_\_\_  
☐ Dual Completion ☐ Docket No. \_\_\_\_\_  
☐ Other (SUD or Inj?) ☐ Docket No. \_\_\_\_\_

07/02/97 07/15/97 07/27/97  
Spud Date Reached TD Completion Date

API NO. 15- 119-20967  
County Meade  
NE - NE - SE - Sec. 24 Twp. 32 Rge. 30 ☒  
2310 Feet from ☒ NW (circle one) Line of Section  
330 Feet from ☒ EW (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
552 ☒ NE SE, NW or SW (circle one)  
Lease Name Ramsey Well # 2  
Field Name Angell  
Producing Formation Chester  
Elevation: Ground 2723 KB 2731  
Total Depth 5760' PBTD 5756'  
Amount of Surface Pipe Set and Cemented at 1630 Feet  
Multiple Stage Cementing Collar Used? ☐ Yes ☒ No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from 1630'  
feet depth to surface w/ 480 ex cmt.

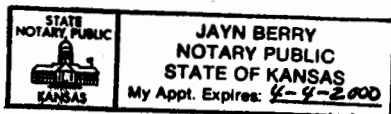
Drilling Fluid Management Plan AA, 1, 4-1-98 U.C.  
(Data must be collected from the Reserve Pit)

Chloride content 8100 ppm Fluid volume 430 bbls  
Dewatering method used evaporate and backfill  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name \_\_\_\_\_  
Lease Name \_\_\_\_\_ License No. \_\_\_\_\_  
Quarter Sec. Twp. S Rng. E/W  
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 on 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 R.J. Patrick  
Title R.J. Patrick/Owner Date 07/29/97  
Subscribed and sworn to before me this 29 day of July, 1997  
Notary Public Jayn Berry  
Date Commission Expires 04/04/2000



K.C.C. OFFICE USE ONLY		
F	<input checked="" type="checkbox"/>	Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/>	Wireline Log Received
C	<input type="checkbox"/>	Geologist Report Received
Distribution		
<input checked="" type="checkbox"/> KCC	<input type="checkbox"/> SUD/Rep	<input type="checkbox"/> NGPA
<input type="checkbox"/> KGS	<input type="checkbox"/> Plug	<input checked="" type="checkbox"/> Other (Specify)

SIDE TWO

Operator Name R. J. Patrick Operating Co. Lease Name Ramsey Well # 2Sec. 24 Twp. 32 Rge. 30  
☐ East  
☒ WestCounty Meade

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Morrow	5592	-2861
Electric Log Run (Submit Copy.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No *	Chester	5624	-2893
List All E.Logs Run:				

\*Ran cased hole logs(enclosed)

## CASING RECORD

☒ New ☐ 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	12 $\frac{1}{2}$	8 5/8	24#	1630	Pozmix	480	2%CC
Production	7 7/8	4 $\frac{1}{2}$ new	10.5	5760	Pozmix	130	18% salt

## 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	5666 to 76, 5632 to 36		
2	5642 to 46, 5724 to 28	2500 gal. FE	

TUBING RECORD	Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No
None	-	-	None	None	
Date of First, Resumed Production, SMD or Inj. 07/27/97		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 310 Mcf	Water 0 Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas:

METHOD OF COMPLETION

Production Interval

☒ Vented ☐ Sold ☐ Used on Lease  
(If vented, submit ACO-18.)☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled  
☐ Other (Specify) \_\_\_\_\_

5666 to 5728