

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

COPY

Operator: License # 04779Name: NARCOAddress 1700 Broadway, #508City/State/Zip Denver, CO 80290

Purchaser: _____

Operator Contact Person: Mike JensenPhone (303) 861-9183 ext. 220Contractor: Name: Abercrombie RTD, Inc.License: 30684Wellsite Geologist: RON OSTERBUHR

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:

Operator: N/A

Well Name: _____

Comp. Date _____ Old Total Depth _____

☐ Deepening ☐ Re-perf. ☐ Conv. to Inj/SWD
☐ Plug Back ☐ PBTD
☐ Commingled ☐ Docket No. _____
☐ Dual Completion ☐ Docket No. _____
☐ Other (SWD or Inj?) ☐ Docket No. _____

05-08-97 05-16-97 6-5-97

Spud Date Date Reached TD Completion Date

API NO. 15- 055-21,558County FinneyN/2 - N/2 - NE - Sec. 9 Twp. 23S Rge. 31 ☒ E ☐ W355' Feet from S ☒ N (circle one) Line of Section1400' Feet from E ☒ W (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
☒ NE, ☐ SE, ☐ NW or ☐ SW (circle one)Lease Name Pauls Well # 9-5Field Name Stewart UnitProducing Formation Morrow SandstoneElevation: Ground 2891' KB 2896'Total Depth 5000' PBTD 4960'Amount of Surface Pipe Set and Cemented at 483.06' FeetMultiple Stage Cementing Collar Used? ☐ Yes ☒ NoIf yes, show depth set Port collar 2073' Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan ALT 2 JD 1-20-98
(Data must be collected from the Reserve Pit)Chloride content 15,000 ppm Fluid volume 1250 bblsDewatering method used Evaporization

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 J.M. MeyerTitle Engineering Technician Date 6-25-97Subscribed and sworn to before me this 25th day of June, 19 97.Notary Public Michael J. HallDate Commission Expires Nov. 29, 1997

K.C.C. OFFICE USE ONLY		
F	☒	Letter of Confidentiality Attached
C	☒	Wireline Log Received
C	☒	Geologist Report Received
Distribution		
☒ KCC	☐ SMD/Rep	☐ NGPA
☐ KGS	☐ Plug	☒ Other (Specify)
<u>IS</u>		

Operator Name NARCOLease Name PaulsWell # 9-5☐ EastCounty FinneySec. 9 Twp. 23S Rge. 31☒ West

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 ☒ Yes ☐ No
 (Attach Additional Sheets.)

 Samples Sent to Geological Survey ☐ Yes ☒ No

 Cores Taken ☐ Yes ☒ No

 Electric Log Run ☒ Yes ☐ No
 (Submit Copy.)

 List All E.Logs Run: Micro Log, Comp. Neutron,

Dual Induction Log, Cement Bond Log

☒ Log Formation (Top), Depth and Datums ☐ Sample

Name	Top	Datum
Stone Corral		817'
Winfield	2749'	348'
Heebner	3988'	-109'
Lansing		
Marmaton	4510'	-1613'
Cherokee	4633'	-1736'
Morrow	4774'	-1877'
Mississippian	4828'	-1931'

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 1/4"	8 5/8"	23#	483.06'	Lite	175	3% cc
			Followed with		Common	100	2% gel, 3% cc
Production	7-7/8"	5-1/2"	15.5 #	4996'	Premium...	235	5% KCl

ADDITIONAL CEMENTING/SQUEEZE RECORD

2nd stage

Midcon II 220

2% CaCl₂

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing				
___ Plug Back TD				
___ 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 SPF	4872'-4808'	Break down perfs with diese	
		Total Load: 54 bbls diesel,	
		27.8 bbls crude	

TUBING RECORD	Size	Set At	Packer At	Liner Run	☐ Yes ☒ No
	2-7/8" 8 rd EUE	4858'	TAC at 4747'		
Date of First, Resumed Production, SMD or Inj.	Producing Method ☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)				
6-5-97					
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	174 bbls oil	N/A	1.8 bbls water		

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) _____4872'-4808'