

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

Operator: License # 6528Name: R. J. Patrick Operating CompanyAddress P O Box 1157City/State/Zip Liberal, Kansas 67905-1157Purchaser: Kansas Gas SupplyOperator Contact Person: R. J. PatrickPhone (316) 624-8483Contractor: Name: Duke Drilling Co., Inc.License: 5929Wellsite Geologist: Marvin HarveyDesignate Type of Completion
☒ New Well ☐ Re-Entry ☐ Workover

☒ Oil ☐ SWD ☐ SIOW ☐ Temp. Abd.
☒ Gas ☐ ENHR ☐ SIGW
☐ Dry ☐ Other (Core, VSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator: _____

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. _____

05/22/00 06-07-00 06-14-00

Spud Date Date Reached TD Completion Date

API NO. 15- 033-21095 0000County Comanche County, KansasNE - SE - _____ Sec. 10 Twp. 33S Rge. 19 ☒ ^E _W1960 Feet from ☒ N (circle one) Line of Section700 Feet from ☒ W (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner: 2081
NE, ☒ SE NW or SW (circle one)Lease Name Donald Herd Well # 2-10Field Name WildcatProducing Formation MississippianElevation: Ground 2018 KB 2029Total Depth 6136' PBTD _____Amount of Surface Pipe Set and Cemented at 730 FeetMultiple Stage Cementing Collar Used? ☐ Yes ☒ No

If yes, show depth set _____ Feet

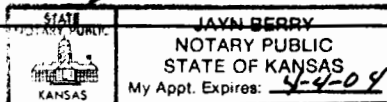
If Alternate II completion, cement circulated from 730feet depth to surface w/ 350 sx cnt.Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)Chloride content 22000 ppm Fluid volume 1800 bblsDewatering method used evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name KBW Oil & GasLease Name Harmon SWD License No. 5993NW Quarter Sec. 11 Twp. 33 S Rge. 20 ☒ ^E _WCounty Comanche County, KS Docket No. 22304

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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 RJ PatrickTitle Owner Date 06/19/00Subscribed and sworn to before me this 19th day of June, 19 2000Notary Public Jayn BerryDate Commission Expires 04/04/04

K.C.C. OFFICE USE ONLY

F ☐ Letter of Confidentiality Attached
C ☐ Wireline Log Received
C ☐ Geologist Report Received

Distribution

☐ KCC ☐ SWD/Rep ☐ NGPA
☐ KGS ☐ Plug ☐ Other
(Specify)

Operator Name R. J. Patrick Operating Company Lease Name Donald Herd Well # 2-10Sec. 10 Twp. 33 Rge. 19
☐ East
☒ WestCounty Comanche County, Kansas

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 at if more space is needed. Attach copy of log.

Drill Stem Tests Taken (Attach Additional Sheets.)	☒ Yes ☐ No	☒ Log	Formation (Top), Depth and Datum	☐ Sample
Samples Sent to Geological Survey	☐ Yes ☒ No	Name	Top	Datum
Cores Taken	☐ Yes ☒ No	Heebner Shale	4328	2301
Electric Log Run (Submit Copy.)	☒ Yes ☐ No	Lansing	4517	2490
		Kansas City	4756	2729
		Marmaton	5024	2997
		Pawnee	5123	3096
		Ft. Scott	5159	3132
		Cherokee Shale	5168	3141
		Mississippian	5264	3237

List All E.Logs Run: Dual Compensated Porosity,
Dual Induction, Micro, Sonic Porosity and
Cement Bond Log.

Copy of 6 DST 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
Conductor		20"		60'	Grout		
Surface	12-1/4"	8-5/8"	24#	730'	Lite Class A	250 100	3% cc 3%cc 2%gel
Production	7-7/8"	4-1/2"	11.60#	5400'	50/50 Poz	150	18% salt

ADDITIONAL CEMENTING/SQUEEZE RECORD

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
2	5274' to 5280' & 5294' to 5300'	500 gal 15% & 2500 gal 7 1/2%	5274' to 5300'

TUBING RECORD		Size 2 3/8	Set At 5128'	Packer At 5136'	Liner Run	☐ Yes ☒ No		
Date of First, Resumed Production, SWD or Inj. June 13-2000			Producing Method ☒ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)					
Estimated Production Per 24 Hours	Oil 0	Bbls. 0	Gas 2,000,000pd	Mcf 0	Water 0	Bbls.	Gas-Oil Ratio	Gravity —

Disposition of Gas:

☒ Vented ☐ Sold ☐ Used on Lease
(If vented, submit ACO-18.)
METHOD OF COMPLETION 5274-5280 & 5294-5300

Production Inter

☐ Open Hole ☒ Perf. ☐ Duely Comp. ☐ Commingled
☐ Other (Specify) _____