

4-355-21W

COPY

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

Operator: License # 6875Name: MARMIK OIL COMPANYAddress 8500 W. BOWLES, SUITE 307City/State/Zip LITTLETON, CO 80123Purchaser: N/AOperator Contact Person: LEE SHOBEPhone () 303-932-0588Contractor: Name: ABERCROMBIE RTD, INC.License: 30684Wellsite Geologist: Lee B. ShobeDesignate Type of Completion
☒ New Well ☐ Re-Entry ☐ Workover

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

If Workover:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

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

7-05-96 7-18-96 7-19-96
Spud Date Date Reached TD Completion Date

API NO. 15- 025-21,147
County CLARK COUNTY, KS
-90N - N/2 - N/2 Sec. 4 Twp. 35S Rge. 21 XX W

570 Feet from S (circle one) Line of Section2640 Feet from E (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)Lease Name TUTTLE Well # 2-4 "A"Field Name HARPER RANCHProducing Formation NoneElevation: Ground 1872' KB 1877'Total Depth 5854' PBDT _____Amount of Surface Pipe Set and Cemented at 687 FeetMultiple 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 D&A 87 11-25-96
(Data must be collected from the Reserve Pit)Chloride content 6,500 ppm Fluid volume 155 bblsDewatering method used fluid disposal & evaporate

Location of fluid disposal if hauled offsite: _____

Operator Name KBW Oil & GasLease Name Harmon SWD License No. 5993NW Quarter Sec. 11 Twp. 33S S Rng. 20 WCounty Comanche Docket No. 98329

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 Lee B. Shobe
Title Geologist Date 8/23/96

Subscribed and sworn to before me this 23rd day of August, 1996.

By Public Shane L. B. B. B.
Date Commission Expires _____

My Commission Expires
7-5-2000

K.C.C. OFFICE USE ONLY		
F	☒	Letter of Confidentiality Attached
C	☒	Wireline Log Received
C	☒	Geologist Report Received
Distribution		
KCC	☐	SWD/Rep
KGS	☐	Plug
NGPA	☐	Other
(Specify)		
1996		

Form ACO-1 (7-91)

Operator Name MARMIK OIL COMPANY Lease Name TUTTLE Well # 2-4 "A"
 Sec. 4 Twp. 35S Rge. 21 ☐ East County CLARK COUNTY, KS
☒ 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:

Neutron-Density, Micro, Induct.

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

Name	Top	Datum
Heebner	4381	-2502
Lansing	4554	-2675
Stark	5076	-3304
Marmaton	5208	-3329
Cherokee	5369	-3490
Morrow	5547	-3668
Chester	5588	-3709

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	17 1/4"	13 3/8"	48#	271'	Class 'A'	500	2%gel, 3%cc
SURFACE	12 1/4"	8 5/8"	24#	687'	Allied Lite	175	3%cc, 1/4#flu
			per sk.followed by		Class 'A'	100	2%gel, 3%cc

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

TUBING RECORD	Size	Set At	Packer At	Liner Run ☐ Yes ☐ No
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Date of First, Resumed Production, SWD or Inj.	Producing Method ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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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) _____