

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

Operator: License # 30487Name: United States Exploration Inc. 2970 Feet from EW (circle one) Line of SectionAddress Box 707City/State/Zip Howard, KS 67349Purchaser: United States ExplorationOperator Contact Person: James R. PerkinsPhone (620) 3742133Contractor: Name: Thorton DrillingLicense: 4815Wellsite Geologist: Wm Stout

Designate 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 ☐ PBTD☐ Commingled ☐ Docket No. _____☐ Dual Completion ☐ Docket No. _____☐ Other (SWD or Inj?) ☐ Docket No. _____7-16-00 7-18-00 1-20-01
Spud Date Date Reached TD Completion DateAPI NO. 15- 019-265360000County Chautauqua150'S NESENW Sec. 1 Twp. 33 Rge. 12 ☒ E ☐ W1800 Feet from S(circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)Lease Name Hattrup Well # 2Field Name HaleProducing Formation MulkyElevation: Ground 1017 KB _____Total Depth 1817 PBTD _____Amount of Surface Pipe Set and Cemented at 41 FeetMultiple Stage Cementing Collar Used? ☐ Yes ☒ No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 1817feet depth to Surface w/ 205 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content N/A ppm Fluid volume _____ bbls

Dewatering method used _____

Location of fluid disposal if hauled offsite: _____

Operator Name JUL 16 2001

Lease Name _____ License No. _____

CONSERVATION DIVISION
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 James R. PerkinsTitle Manager Date 7-11-2001Subscribed and affirmed before me this 11 day of July, 2001Notary Public E. Wayne WierhiteDate Commission Expires August 21, 2001

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)

JUL 16 2001

Operator Name United States Exploration Lease Name Hattrup Well # 1
 Sec. 1 Twp. 33 Rge. 12 ☒ East ☐ West
 County Chautauqua

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:

Gamma-Ray
 Cement Bond

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

Name	Top	Datum
Layton	650	+367
Mulky	1375	-358
Miss Chat	1740	-723

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
Production	6 7/8"	4 1/2"	10 1/2#	1816'	Reg & Thickset	205	gel Caolz flocele

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	1772-80; 1747-53; 1720-24; 1714-	16 1000gal 10% mud acid	1714-80
	CIBridge plug set at 1450		
4	1376-84	400 gal 10% mud acid	1376-84
		Frac 90sacks sand	1376-84
TUBING RECORD		Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Size	Set At	Packer At	
2 3/8"	1445		
Date of First, Resumed Production, SWD or Inj.		Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)	
1-20-2001			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.
		50	30
Gas-Oil Ratio		Gravity	

Disposition of Gas: METHOD OF COMPLETION

☐ Vented ☒ Sold ☐ Used on Lease
 (If vented, submit ACO-18.)

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Conningled
☐ Other (Specify) WILLIAMS

Production Interval

WILLIAMS
 STATE OF KANSAS