

COPY

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

CONFIDENTIAL

Operator: License # 32384Name: Comanche ExplorationAddress 9520 N. May Ave. - Suite 370City/State/Zip Oklahoma City, OK 73120Purchaser: EOTT Energy OperatingOperator Contact Person: Doug SchoppaPhone (405) 755-5900Contractor: Name: H-40 Drilling, Inc.License: 30692

Wellsite Geologist: _____

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover

☒ Oil ☐ SWD ☐ SLOW ☐ Temp. ☐ W/HTA, KE
☐ Gas ☐ ENHR ☐ SIGW
☐ Dry ☐ Other (Core, WSW, 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. _____

03/31/00 04/12/00 05/05/00
 Spud Date Date Reached TD Completion Date

API NO. 15- 033-21071-0000County ComancheE/2-NE/4 SW/4 Sec. 18 Twp. 31S Rge. 19 X W1980 Feet from S/W (circle one) Line of Section1980 Feet from E/W (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)Lease Name Arlie Well # 18-1Field Name WildcatProducing Formation MississippiElevation: Ground 2119 KB 13Total Depth 5493' PBTD _____Amount of Surface Pipe Set and Cemented at 664 FeetMultiple Stage Cementing Collar Used? ☐ Yes ☒ No

yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan ALT 1 5/21/01 AB
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume _____ bbls

Dewatering method used _____

Location of fluid disposal if hauled offsite: _____

Operator Name MAY 29 2001Lease FROM CONFIDENTIAL 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, 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 Gama SilverTitle Geology Assistant Date 05/05/00Subscribed and sworn to before me this 5th day of May, 19 2000Notary Public Richard L. CattsDate Commission Expires 05/01/02

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)
IOG

SIDE TWO

Operator Name Comanche ExplorationLease Name ArlieWell # 18-1☐ EastCounty ComancheSec. 18 Twp. 31S Rge. 19☒ 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.Log. Run: Induction, Density
 & Micro

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

Name	Top	Datum
Sand and Red Bed	669'	
Red Bed	1,075'	
Red Bed, Sand, Shale	1,610'	
Shale and Lime	5,493'	
Rotary Total Depth	5,493'	

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	30"	20"	78.6#	91	Class H	250	2% CaCl
Surface	12-1/4"	8-5/8"	24	664	Class A	550	2% CC 2% gel 1/4# flo seal
Production(used)	7-7/8"	4-1/2"	11.6#	5493'	Class H	225	10% salt 10% gypsum

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
4 JHPF	5068-72', 5080-94', 5116-20'	4000 gals 15%NEFE 100 bbls	
		slick water	

TUBING RECORD	Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2-3/8"	5120'	5012'		
Date of First, Resumed Production, SWD or Inj.	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 Mcf	Water Bbls.	Gas-Oil Ratio	Bravi

Disposition of Gas:

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

METHOD OF COMPLETION

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled
☐ Other (Specify) _____
Production Interval
5068-5120' OA