

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

Operator: License # 03080
Name Jack Exploration, Inc.
Address P.O. Box 1816
City/State/Zip Liberal, KS 67901

Purchaser ANR Pipeline

Operator Contact Person Mr. Keith Hill
Phone (316) 624-0156

Contractor: License # 7345
Name Triad Drilling Co.

Wellsite Geologist Mr. James R. Jack
Phone (405) 622-2310

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)

If OWWO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
09/16/86 09/25/86 10/10/86
Spud Date Date Reached TD Completion Date
5400' 5333'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 456 feet.
Multiple Stage Cementing Collar Used? Yes No
if yes, show depth set feet
if alternate 2 completion, cement circulated from feet depth to SX cmt
Cement Company Name Halliburton
Invoice # 127721

API NO. 15-033-20700-0000
County Comanche
NE SW Sec 32 Twp 34S Rge 19 East West
1980 Ft North from Southeast Corner of Section
3300 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

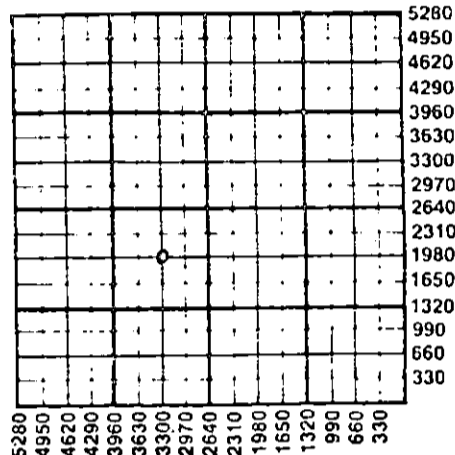
Lease Name Woolfolk Well # 1

Field Name Wildcat Indian Treaty

Producing Formation St. Genevieve

Elevation: Ground 1788.5' KB 1801.5'

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # Repressuring

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717

Source of Water: N/A
Division of Water Resources Permit #

Groundwater Ft North from Southeast Corner (Well) Ft West from Southeast Corner of Sec Twp Rge East West

Surface Water 3300 Ft North from Southeast Corner (Stream pond etc) 1320 Ft West from Southeast Corner Sec 5 Twp 35S Rge 19 East West

Other (explain) (purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 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 drillers time log shall be attached with this form. 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.

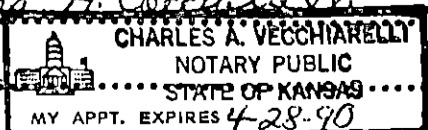
Signature Keith Hill

Title Agent Date 10/17/86

Subscribed and sworn to before me this 14th day of October 1986

Notary Public Charles A. Vecchiarelli

Date Commission Expires



K.C.C. OFFICE USE ONLY
 Letter of Confidentiality Attached
 Wireline Log Received
 Drillers Timelog Received
Distribution
 KCC SWD/Rap NGPA
 KGS Plug Other (Specify)

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15-233-20700-0000

SIDE TWO

Operator Name Jack Exploration, Inc. Lease Name Woolfolk Well # 1

Sec. 32 Twp. 34S Rge. 19 East West County Comanche

WELL LOG

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
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

DST #1 - 5291'-5393' - 30-60-60-120
 IH 2752
 IFP 64-80
 ISIP 1884
 FFP 64-64
 FSIP 1884
 FH 2720 - Recovered 20' slightly gas cut mud

Name	Top	Bottom
Red bed	0'	2160'
Lime & shale	2160'	5330'
Lime	5330'	5400'

RELEASED

NOV 17 1987

FROM CONFIDENTIAL

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> 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"		92'	Grout	9% yds	
Surface	12 1/4"	8-5/8"	23#	456'	Lite & Cl H	280	3% cc
Production	7-7/8"	4-1/2"	10.5#	5398'	50/50 Poz	300	1/4# floccule
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
2	5304'-5310'			Acidize w/1000 gall 15% HNE acid & 25 ball sealers-Acid frac w/5000 gall gelled water cool pad, 5000 gall 15% HRTA		5304'-5310'	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Size		Set At		Packer at			
2-3/8"		5294'		None		1% KCL water flush	
Date of First Production		Producing Method					
Waiting on pipe-line connection		<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	Gas	Water	Gas-Oil Ratio	Gravity	
trace Bbls		565 MCF	20 Bbls	CFPB	1.118		

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Sold Used on Lease
 Open Hole Perforation Other (Specify) 5304'-5310'
 Dually Completed Commingled