

12-31s-33w

COPY

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

API NO. 15- 175-21,491

County Seward

Approx. C SW/4 Sec. 12 Twp. 31S Rge. 33W XX W E

1250' Feet from S (circle one) Line of Section

1250' Feet from E (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)

Lease Name MILLER Well # #2

Field Name HUGOTON

Producing Formation Chase

Elevation: Ground 2881' KB 2886'

Total Depth 2800' PBDT 2765'

Amount of Surface Pipe Set and Cemented at 577' Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 2799'

feet depth to SURFACE w/ 600 sx cmt.

Drilling Fluid Management Plan ALT 2 JK 9-18-96
(Data must be collected from the Reserve Pit)

Chloride content 36,000 ppm Fluid volume 800 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite:

Operator Name _____

Lease Name _____ License No. _____

Quarter Sec. Twp. S Rng. E/W

County _____ Docket No. _____

Operator: License # 31137

Name: Pennzoil Exploration & Production

Address P.O. Box 2967

City/State/Zip Houston, TX. 77252-2967

Purchaser: NORTHERN NATURAL GAS

Operator Contact Person: K. Sam Jones

Phone (713) 546-4930

Contractor: Name: Abercrombie RTD, Inc.

License: 30684

Wellsite Geologist: None

Designate Type of Completion

XX New Well _____ Re-Entry _____ Workover _____

Oil _____ SWD _____ SLOW _____ Temp. Abd.

XX 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. _____

8-12-95 KCC JK 8-15-95 8-16-95

8-13-95 JK 8-15-95 8-16-95

Spud Date _____ Date Reached TD _____ Completion Date _____

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 Teresa S. Miller


Title Production Assistant Date 10/25/95

Subscribed and sworn to before me this 25TH day of OCTOBER, 19 95.

Notary Public Donna Brown

Date Commission Expires 6-05-99

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) JS

 DONNA BROWN
NOTARY PUBLIC,
STATE OF TEXAS
MY COMMISSION EXPIRES 6-5-99

OCT 26 1995 Form ACO-1 (7-91)

CONSERVATION DIVISION
WICHITA, KS

WES-215-31

SIDE TWO

Operator Name Pennzoil Exploration & Production Lease Name MILLER Well # #2

Sec. 12 Twp. 31S Rge. 33W East West County Seward

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: DUAL INDUCTION LATERLOG
 SPECTRAL DENSITY DUAL SPACED NEUTRON II LOG
 CEMENT BOND MSG GAMMA COLLAR LOG
 MICROLOG

<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Name	Top	Datum
HERRINGTON	2612'	GAS
KRIDER	2649'	GAS
WINFIELD	2692'	GAS
GAGE SHALE	2718'	SHALE
TOWANDA	2734'	GAS

CASING RECORD <input type="checkbox"/> New <input checked="" 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
Surface	12 1/4"	8 5/8"	28#	577.00'	65/35 pos Class A	225	3% CC, 1/4# Floseal
Production String	7 7/8"	4 1/2"	10.5#	2799.'	Allied Lite-ASC-	450 sks 150 sks	1/4# Floseal p 10% salt per sk

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	Acid, Fracture, Shot, Cement Squeeze Record
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used) Depth
2 SPF	2625' to 2632'	1,500 GAL 7 1/2% HCL
2 SPF	2653' to 2662'	102,960# 12/20 SAND

TUBING RECORD				Liner Run
Size	Set At	Packer At		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2 3/8"	2660'			
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)		
10/19/95				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity
		200 MCF/D	10 BWPD	

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled 2625'-2662'

Production Interval: _____

Other (Specify) _____