

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 # 5238
Name PETROLEUM, INC.
Address Suite 800
300 W. Douglas
City/State/Zip Wichita, Kansas 67202

Purchaser Koch Oil Co.

Operator Contact Person Monte Chadd
Phone 316-793-8471

Contractor: License # 5652
Name Mustang Drilling & Exploration

Wellsite Geologist Kenneth Hamlin
Phone 316/265-6656

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
11-24-84 12-6-84 1-4-85
Spud Date Date Reached TD Completion Date
4955' NA
Total Depth PBDT

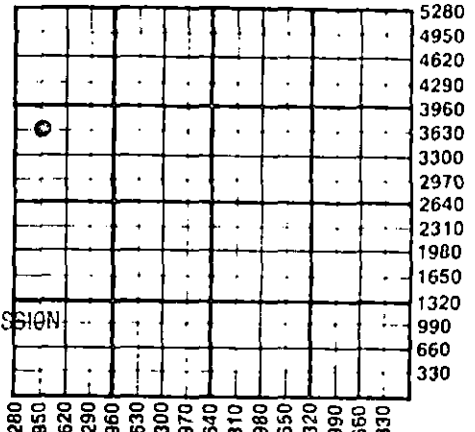
Amount of Surface Pipe Set and Cemented at 640 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set feet
If alternate 2 completion, cement circulated from feet depth to w/ SX cmt

API NO. 15-097-21,087-000
County Kiowa
NW SW NW Sec. 20 Twp. 29S Rge. 18 East West

3630 Ft North from Southeast Corner of Section
4950 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name Nichols 'E' Well # 3
Field Name Nichols
Producing Formation Lansing - Denis
Elevation: Ground 2250' KB 2255'

Section Plat



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2-20-85
FEB 20 1985

CONSERVATION DIVISION
Wichita, Kansas

WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal Repressuring
Docket # 91,484 (C-16,006)

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717

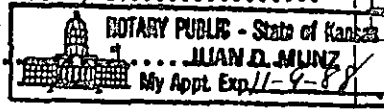
Source of Water:
Division of Water Resources Permit #
 Groundwater (Well) Ft North from Southeast Corner of Section Twp Rge East West
 Surface Water (Stream, pond etc) Ft North from Southeast Corner of Section Twp Rge East West
 Other (explain) Purchased from farmer (purchased from city, R.W.D. #)

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 Monte Chadd
Title Ks. District Production Supt. Date 2-15-85

Subscribed and sworn to before me this 15th day of February 1985
Notary Public Juan D. Munz
Date Commission Expires 11-9-88



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

Section 17, Page 12 (C)

SIDE TWO

Operator Name **PETROLEUM, INC.** Lease Name **Nichols 'E'** Well # **3**

Sec. **20** Twp. **29S** Rge. **18** East West County **Kiowa**

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 4338-4366' 15-30-60-120' 1st open GTS 1", 2675 MCF/5", 4946/10", 5076/15". 2nd open 5245 MCF/20", 4245/30". Rec. 90' water. IFP 966-986#, ISIP 1414#, FFP 966-1015#, FSIP 1414#

DST #2 4369-4434' 15-30-60-120 1st open 542 MCF/5", 653/10", 754/15". 2nd open 804 MCF/10", 847/20", stabalized. Rec 240' gas cut mud. IFP 285-285#, ISIP 1535#, FFP 285-305#, FSIP 1535#.

DST #3 4436-4500' 15-30-60-120 1st open GTS 1", 3424 MCF/5", 3929/10", 5065/15". 2nd open 5065 MCF/10", 5543/20". Rec. 20' gas cut mud. IFP 897-897#, ISIP 1564#, FFP 926-926#, FSIP 1564#.

Name	Top	Bottom
Heebner	4126	(-1871)
Toronto	4142	(-1887)
Douglas	4156	(-1901)
Brn. Ls.	4306	(-2051)
Lansing	4319	(-2064)
Stark	4635	(-2380)
Hertha	4691	(-2436)
Cherokee	4841	(-2586)
Miss.	4906	(-2651)

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(continued)

Casing Record <input checked="" 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"	23	640'	Common	350	3% Gel, 2% CC
Production	7 7/8"	5 1/2"	14	4953'	50/50 Pol.	225	10% Salt, 2% gel
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	4581 - 4186'			750 gal. 15% DS FE Acid		4581-86'	
Tubing Record				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production		Producing Method					
Jan. 4, 1985		<input type="checkbox"/> Flowing <input checked="" 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	
46 Bbls		200 MCF	4 Bbls	NA	CFPB		

METHOD OF COMPLETION Production Interval

Disposition of gas: Vented Open Hole Perforation 4581 - 4586'
 Sold Other (Specify)
 Used on Lease Dually Completed
 Conmingled

2/20/85

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DST #4 4576-4595' 15-30-60-120 1st open GTS 5", 78,100 MCF/10", 121,000 MCF/15". 2nd open 129 MCF/10", 147/20", 134/30", 134/40", 129/50", 116/60". Rec. 120' oil, 120' muddy oil. IFP 88-68#, ISIP 768#, FFP 78-88#, FSIP 768#.

DST #5 4685-4703' 15-30-60-120 Rec. 6000' GIP, 70' oil cut mud. IFP 29-29#, ISIP 530#, FFP 29-29#, FSIP 1384#.

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MAY 1 1986
Date: FROM CONFIDENTIAL

FEB 27 1985
State of
WICHITA BRANCH

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STATE CORPORATION COMMISSION

FEB 20 1985
CONSERVATION DIVISION
Wichita, Kansas