

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

Operator Contact Person Monte Chadd
Phone 316-793-8471

Contractor: license # 5147
name Beredco, Inc.

Wellsite Geologist Kenneth B. Hamlin
Phone 316/265-6656

Purchaser: Koch Oil Co.
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
5-31-84 6-11-84 7-10-84
Spud Date Date Reached TD Completion Date

4950' 4633'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 605' 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 - 097-21,039 - 0000

County Kiowa

SW NW SW Sec 20 Twp 29S Rge 18

1980 Ft North from Southeast Corner of Section
4290 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

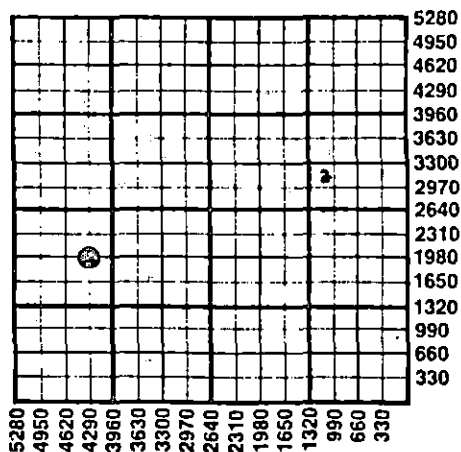
Lease Name Nichols 'D' Well# 4

Field Name Nichols

Producing Formation L-KC

Elevation: Ground 2241 KB 2253

Section Plat



WATER SUPPLY INFORMATION

Source of Water:
Division of Water Resources Permit # NA

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

Surface Water 2310 Ft North From Southeast Corner of (Stream, Pond etc.) 660 Ft West From Southeast Corner
Sec 19 Twp 29S Rge 18 East West

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

Disposition of Produced Water: Disposal Repressuring

Docket # C-16,006

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. Rules 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 Dist. Prod. Supt. Date 8-1-84

Subscribed and sworn to before me this 1st day of August 19 84
Notary Public Lynn Adams
Date Commission Expires 12-20-87

RECEIVED
STATE CORPORATION COMMISSION
AUG 03 1984
CONSERVATION DIVISION
Wichita, Kansas
83-84

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

Form ACO-1
(This form supercedes previous forms ACO-1 & C-10)

Sec. 20 Twp. 29 Rge. 18

SIDE TWO

Operator Name **PETROLEUM, INC.** Lease Name **Nichols 'D'** Well# **4** SEC. **20** TWP. **29S** RGE. **18** East West

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

Name	Top	Bottom
ST #1 4338-4358' 15-30-60-120 Gauged 2930 MCF, recovered 15' gassy mud. IFP 42-462#, ISIP 1537#, FFP 462-482#, FSIP 1537#.	Anhydrite 1157 (+1096) Heebner 4115 (-1862) Brown Lime 4294 (-2041) Lansing 4306 (-2053)	
ST #2 4359-4425' 15-30-60-120 Gauged 1710 MCF, recovered 150' gassy mud, 210' gassy watery mud. IFP 344-334#, ISIP 1527#, FFP 344-354#, FSIP 1527#.	Marmaton 4763 (-2510) Cherokee 4833 (-2580) Miss. Chert 4897 (-2644) Miss. Ls. 4939 (-2686)	
ST #3 4467-4492' 15-30-60-120 Recovered 1350' GIP, 40' gas cut mud. IFP 71-71#, ISIP 445#, FFP 76-78#, FSIP 1396#.		
ST #4 4565-4582' 15-30-60-120 Recovered 15' clean gassy oil, 90' oil and gas cut watery mud, 90' slightly oil and gas cut muddy water. IFP 50-50#, ISIP 1019#, FFP 62-87#, FSIP 1097#.	Red Bed 0' Red Bed & Shale 610' Lime & Shale 1560' Lime 4358' Lime & Shale 4425'	610' 1560' 4358' 4425' 4950'
ST #5 4670-4695' 15-30-60-120 Recovered 45' very slightly oil cut gassy mud, 90' slightly oil cut gassy mud. IFP 68-68#, ISIP 531#, FFP 68-88#, FSIP 1537#.		
Total rotary depth 4950'		

RELEASED
 AUG 12 1985
 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
Surface	12 1/2"	8 5/8"	23#	605'	(Lite (Class A	225	3% CC
Production	7-7/8	5 1/2"	14#	4954'	50/50 Poz	225	3% CC, 2% Gel
Sun Oil Well Cementing #ML18962							
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
shots per foot	specify footage of each interval perforated			(amount and kind of material used)			Depth
1	4688			1000 gal. 15% N.E. acid			4688
TUBING RECORD size 2-7/8 set at 4591 packer at None LIner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No							
Date of First Production	Producing method <input type="checkbox"/> flowing <input checked="" type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain)						
7-10-84							
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity		
28 Bbls	TSTM MCF	45 Bbls	NA CFPB	45.5			

Disposition of gas: vented sold used on lease
 METHOD OF COMPLETION: open hole perforation other (specify) _____
 PRODUCTION INTERVAL: 4688
 Dually Completed.
 Commingled