

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 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 Wichita, Kansas

RECEIVED
STATE CORPORATION COMMISSION

JUL 17 1984

WELL HISTORY

Drilling Method: Mud Rotary Air Rotary Cable

5-19-84 5-30-84 6-27-84
Spud Date Date Reached TD Completion Date

4990 4929
Total Depth PBDT

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 - 097-21,036-0000

County Kiowa

NW NW NW Sec 20 Twp 29S Rge 18 W

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

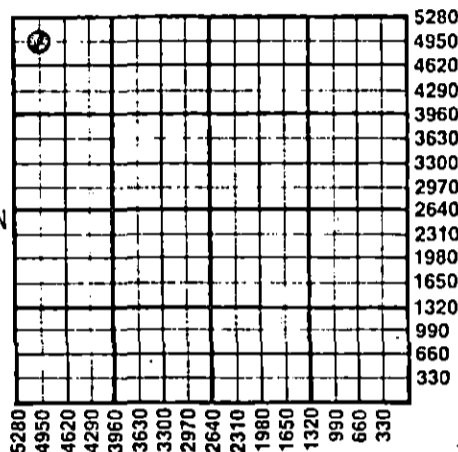
Lease Name Nichols 'E' Well# 2

Field Name Nichols

Producing Formation L-KC

Elevation: Ground 2280 KB 2292

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 NA Ft North From Southeast Corner of (Stream, Pond etc.) NA Ft West From Southeast Corner
Sec 19 Twp 29 Rge 18 East West

Other (explain) (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.

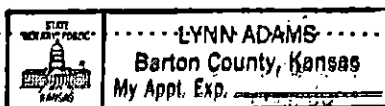
One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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 7-16-84

Subscribed and sworn to before me this 16th day of July 19 84

Notary Public Lynn Adams
Date Commission Expires 12-20-87



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)

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

Sec 20 Twp 29 Rge 18 W

Operator Name **PETROLEUM, INC.** Lease Name **Nichols 'E'** Well# **2** 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
DST #1 4373-4404' 15-30-60-120 Gauged 4349 MCF, recovered 440' clean salt water. IFP 1075-1075#, ISIP 1465#, FFP 1089-1061#, FSIP 1479#.	Cottonwood 3098 (- 806) Stotler 3534 (-1242) Tarkio 3580 (-1288)	
DST #2 4405-4470' 15-30-60-120 Gauged 3513 MCF, recovered 150' salt water. IFP 816-816#, ISIP 1546#, FFP 830-746#, FSIP 1560#.	Emporia 3620 (-1328) Brown Lime 4342 (-2050) Lansing 4355 (-2063) Cherryvale 4612 (-2320)	
DST #3 4477-4515' 15-30-60-120 Gauged 259 MCF, recovered 670' mud and gas cut slightly oil specked water. IFP 125-125#, ISIP 1535#, FFP 181-279#, FSIP 1549#.	Dennis 4616 (-2324) Stark 4671 (-2379) Swope 4675 (-2383) Hushpuckney 4717 (-2425) Hertha 4722 (-2430)	
DST #4 4518-4538' 15-30-60-120 Rec. 15' drilling mud. IFP 98-98#, ISIP 112#, FFP 98-98#, FSIP 126#.	B/KC 4760 (-2468) Marmaton 4805 (-2513) Cherokee 4873 (-2581) Miss. 4949 (-2657)	
DST #5 4614-4630' 15-30-60-120 Gauged 30.8 MCF, recovered 180' clean gassy oil, 180' very heavy oil and gas cut mud, 90' very slightly oil and gas cut water. IFP 41-97#, ISIP 1256#, FFP 97-139#, FSIP 1284#.		
DST #6 4950-4990' 15-30-60-120 Gauged 15.7 MCF, recovered 310' gas cut watery mud, 630' water. IFP 153-153#, ISIP 796#, FFP 237-433#, FSIP 796#.		

Sand & Red Bed	0'	610'
Red Bed & Shale	610'	2112'
Lime & Shale	2112'	4470'
Lime	4470'	4515'
Lime & Shale	4515'	4749'
Lime	4749'	4845'
Lime & Shale	4845'	4990'

RELEASED

JUL 11 1985

FROM CONFIDENTIAL

TOTAL ROTARY DEPTH 4990'

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 1/4"	8 5/8"	24	605'	Class A G Light	375	3% CC., 2% g
Production	7-7/8"	5 1/2"	14	4988	50/50 poz	225	10% salt, 2% g
Sun. Oilwell Cementing Invoice #ML18171							
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	4728			1000 gal. 15% N.E. Acid			4728
1	4619			1500 gal. 15% N.E. Acid			4619 & 4622
1	4622						
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
size 2-3/8 set at 4735 packer at NA							
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)						
6-27-84							
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity		
	65 Bbls	TSTM MCF	44 Bbls	TSTM CFPB	42.5		

Disposition of gas: vented sold used on lease
 METHOD OF COMPLETION: open hole perforation other (specify)
 PRODUCTION INTERVAL: 4728, 4619, 4622
 Dually Completed.
 Commingled