

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 # 5229
name Phillips Petroleum Co.
address Box 287
City/State/Zip Great Bend, Ks 67530

Operator Contact Person Kaare A. Westby
Phone 316-793-8421

Contractor: license # 5418
name Allen Drilling Co.

Wellsite Geologist K. Rasmussen
Phone 405-239-2611

PURCHASER Permian

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
5-24-84 5-28-84 6-18-84
Spud Date Date Reached TD Completion Date

3425' 3317'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 20 jt @ 830' feet

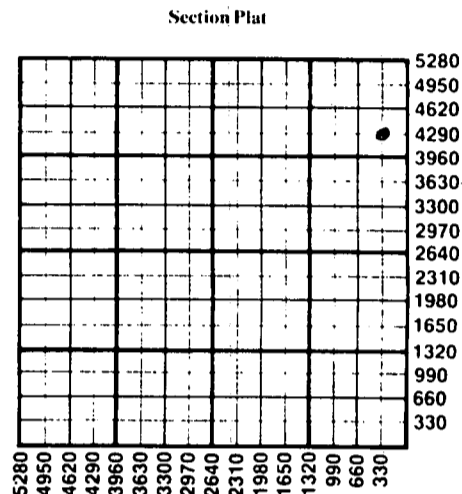
Multiple Stage Cementing Collar Used? Yes No

If Yes, Show Depth Set feet

If alternate 2 completion, cement circulated
from feet depth to w/ SX cmt

API NO. 15-051-23,895-00-00
County Ellis
990' FNL & 330' FEL NE/4
(location) Sec 36 Twp 13 Rge 16 West
4290 Ft North from Southeast Corner of Section
.330 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

Lease Name Nowak-A Well# 4
Field Name Airbase, E
Producing Formation Lansing
Elevation: Ground 1922 KB 1928



WATER SUPPLY INFORMATION

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

Disposition of Produced Water: Disposal Repressuring
Docket # CD-117,928
(C-19,719)

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 X Kaare A. Westby
Kaare A. Westby
Title Agent
Date 8-7-84

Subscribed and sworn to before me this 7th day of August 1984
Notary Public
Date Commission Expires February 15, 1988

RECEIVED
STATE CORPORATION COMMISSION
AUG 08 1984
08-08-1984
CONSERVATION DIVISION
Wichita, Kansas

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

Sec 36 Twp 13 Rge 16 W

Operator Name Phillips Petroleum Co. Lease Name Nowak-A... Well# 4... SEC 36 TWP 13 RGE 16 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
Anhydrite	998'	
Tarkio	2839'	
Topeka	2937'	
Heebner	3062'	
Toronto	3082'	
LKC	3110'	3307'
Conglomerate	3364'	
Arbuckle	3380'	

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#	830'	Class A.C.	675	3%CC, 2% gel, ...
Production	7 7/8"	5 1/2"	15.5#	3421.73'	50-50 Pozmix	210	18% salt, .6% Hal-9 & 3/4 Of 1% CFR-2, 1/4# Flocl
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
shots per foot	specify footage of each interval perforated			(amount and kind of material used)			Depth
9 HPF	3296-3300'			1000 gal. 15% stable gelled acid			3296-3300'
5 HPF	3277-3279'			1000 gal. 15% MCA. & 1000 gal. 15% stable			3277-3300'
11 HPF	3203-3208'			500 gal. 15% MCA. & 1500 gal. 15% stb.			3203-3208'
9 HPF	3137-3141'			1000 gal. 15% MCA. & 2500 gal. 15% st.			3111-3141'
7 HPF	3111-3114'						
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production		Producing method					
6-18-84		<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		
	18.5 Bbls	---- MCF	48 Bbls	CFPB			

Disposition of gas: vented
 sold
 used on lease

METHOD OF COMPLETION
 open hole perforation
 other (specify)

PRODUCTION INTERVAL

3111-3300'

Dually Completed.
 Commingled