

ORIGINAL  
SIDE ONE

ORIGINAL

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

API NO. 15- 185-22,693-0000

County Stafford

SE SE NE Sec. 19 Twp. 22S Rge. 12 X East West

2970 Ft. North from Southeast Corner of Section

330 Ft. West from Southeast Corner of Section  
(NOTE: Locate well in section plat below.)

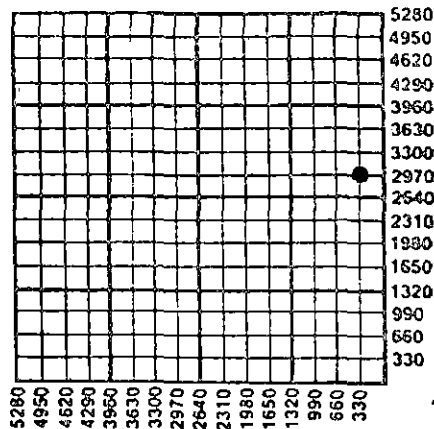
Lease Name Alpers Well # 1

Field Name Krankenber

~~Production~~ Formation Lansing KC

Elevation: Ground 1871' KB 1876'

Total Depth 3825' PBSD



Amount of Surface Pipe Set and Cemented at 255 Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from \_\_\_\_\_

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cont.

Operator: License # 5614

Name: Hutchinson Oil Co.

Address 105 S. Broadway, Suite 470

City/State/Zip Wichita, KS 67202

Purchaser: Texaco Trading & Transportation, Inc.

Operator Contact Person: Steve Hutchinson

Phone (316) 262-1525

Contractor: Name: H-30 Drilling, Inc.

License: 5107

Wellsite Geologist: Randall M. Lilak

Designate Type of Completion

New Well  Re-Entry  Workover

Oil  SWD  Temp. Abd.

Gas  Inj  Delayed Comp.

Dry  Other (Core, Water Supply, etc.)

If OWD: old well info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Drilling Method:

Mud Rotary  Air Rotary  Cable

7-23-90 7-31-90

Spud Date Date Reached TD Completion Date

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CONSERVATION DIVISION

11-20-90

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP 4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 William S. Hutchinson

Title owner Date 11/19/90

Subscribed and sworn to before me this 19 day of November, 19 90.

Notary Public Suzanne M. Montgomery STATE OF KANSAS

Date Commission Expires 9-15-93

K.C.C. OFFICE USE ONLY		
F	<input type="checkbox"/>	Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/>	Wireline Log Received
C	<input checked="" type="checkbox"/>	Drillers Timelog Received
Distribution		
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug
<input type="checkbox"/>		<input type="checkbox"/> NGPA
<input type="checkbox"/>		<input type="checkbox"/> Other
(Specify)		

Suzanne M. Montgomery  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appl. Exp. \_\_\_\_\_

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CONSERVATION DIVISION  
Wichita, Kansas

Form ACO-1 (7-89)

**SIDE TWO**

Operator Name Hutchinson Oil Co. Lease Name Alpers Well # 1  
 Sec. 19 Twp. 22S Rge. 12  East  West  
 County Stafford

**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.)

(See Exhibit "A")

Formation Description		
Name	Top	Bottom
Sand and Shale	0	265'
Red Bed and Shale	265'	1,120'
Shale	1,120'	3,388'
Lime and Shale	3,388'	3,425'
Shale and Lime	3,425'	3,490'
Lime and Shale	3,490'	3,680'
Lime	3,680'	3,825'
Rotary Total Depth		3,825'

**CASING RECORD**  Surface  New  Used Production  
 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" new	20#	255'	60-40 Poz	185	3% cc 2% gel
Production	7-7/8"	5-1/2" used	14#	3823'	60-40 Poz	150	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
3 SPF	3490-94'	1,000 gals 15% NE	
3 spf	3473-78'	1,000 gals 15% NE	
3 spf	3410-14'	500 gals 15% NE	

**TUBING RECORD** Size 2-7/8ths Set At 3765' Packer At NA Liner Run  Yes  No

Date of First Production 8/08/90 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	55		0		40°

Disposition of Gas:  Vented  Sold  Used on Lease (If vented, submit ACO-18.)  
 METHOD OF COMPLETION:  Open Hole  Perforation  Dually Completed  Commingled  
 Other (Specify) \_\_\_\_\_



## ORIGINAL

EXHIBIT "A"  
DRILL STEM TEST #1 ALPERS

- DST #1 3414-25' (15-30-60-60) GTS/4 min. Gauged 121,000 CFG 1st opening decreased to 53,400 CFG 2nd opening  
Rec: 660' SWCGO 5-20% wtr.  
420' SW (Cl= 75,000)  
IHP 1713# FHP 1701# ISIP 536# FSIP 538# IFP 349-353# FFP 341-522#  
BHT 110°
- DST #2 3469-3490' (15-30-45-60) GTS/6 min. 116,000 CFG 1st opening decreased to 6,270 CFG 2nd opening  
Rec: 2660' CGO  
IHP 1756# FHP 1717# ISIP 1029# FSIP 1021# IFP 190# FFP 222-348#  
BHT 110°
- DST #3 3489-3505' (30-30-45-60) GTS/3 min Gauged 18,500 CFG 1st opening 2nd opening TSTM  
Rec: 800' CGO  
IHP 1758# FHP 1818# ISIP 729# FSIP 744# IFP 90-127# FFP 152-199#  
BHT 110°
- DST #4 3507-3550' (30-45-45-60)  
Rec: 60' GIP, 30' mud/SSO  
IHP 1756# FHP 1742# ISIP 588# FSIP 703# IFP 37-37# FFP 49-49#
- DST #5 3739-50' (15-30-45-60)  
Rec: 720' GIP 240' CO 60' SW  
IHP 1917# FHP 1900# ISIP 1264# FSIP 1229# IFP 56-62# FFP 88-146#  
BHT 115°

## \*Log tops

Anhydrite	672 + 1204
Heebner	3186 - 1310
Brown Lime	3322 - 1446
Lansing	3337 - 1461
B/KC	3531 - 1655
Viola	3636 - 1760
Simpson Shale	3685 - 1809
Arbuckle	3742 - 1866
LTD	3823 - 1947

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