

ORIGINAL

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SIDE ONE

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

API NO. 15- 073-23,332 000

County GREENWOOD

Ap. Sw-NW-Sw Sec. 33 Twp. 26 Rge. 13 East West

1510' FSL Ft. North from Southeast Corner of Section

5115' FWL Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

Lease Name LUDLAM Well # 5

Field Name LUDLAM

Producing Formation LANSING

Elevation: Ground 1043 KB 0

Total Depth 479 PBDT _____

Operator: License # 7695

Name: ASSOCIATED PRODUCERS

Address 1661 N. NEVADA
WICHITA, KANSAS 67212

City/State/Zip _____

Purchaser: KELLY MCCLUSKEEFE

Operator Contact Person: BOB GOODWIN

Phone (316) 721-1385

Contractor: Name: CHASE DRILLING CO.

CHANUTE, KS.
License: 9442

Wellsite Geologist: BEN LANDES

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD Temp. Abd.
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply, etc.)

If OWMO: old well info as follows:

Operator: _____

Well Name: _____

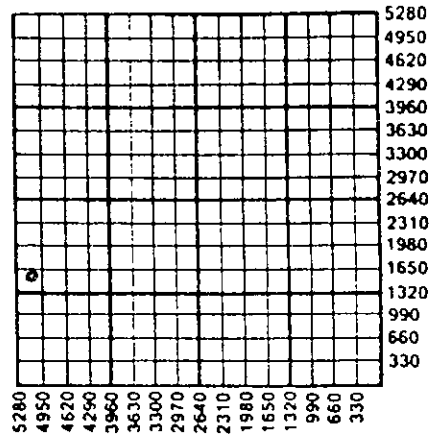
Comp. Date _____ Old Total Depth _____

Drilling Method:

Mud Rotary Air Rotary Cable

approx. 10-30-84 10-31-84 11-5-84

Spud Date Date Reached TD Completion Date



Amount of Surface Pipe Set and Cemented at 40 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 505'
Dowell Cementing
feet depth to surface w/ est. 100 sx cmt.

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 A.R. Shonka

Title Investor Date _____

Subscribed and sworn to before me this 17 day of Sept,
19 90.

Notary Public Wilma G. Dyer

Date Commission Expires March 20, 1994

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)



P1

SIDE TWO

111910

Operator Name ASSOCIATED PRODUCERS Lease Name LUDLAM Well # 5
 Sec. 33 Twp. 26S Rge. 13E East West
 County GREENWOOD

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.

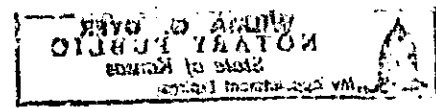
Drill Stem Tests Taken (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Formation Description <input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample Name Top Bottom Lansing 428 (+615) T.D. 505 (+538)
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

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		8 5/8"		40	unknown	-	-
PRODUCTION		4 1/2"		505'	common to surface	unknown	
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
unknown	430-432' 449-454'			unknown			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Size	Set At	Packer At					
1"	465'	-					
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)						
July 22, 1990							
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity		
	2	trace	20	-	-		

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION: Open Hole Perforation Dually Completed Commingled Other (Specify) _____

Production Interval: 430-454 O.A.



I A II B II C II D II E II F II G II H I

COMPLETION COSTS

LUDLUM #5

GREENWOOD COUNTY, KANSAS

ORIGINAL

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TANGABLE COSTS

8; ITEM:

10; 2 3/8" UPSET TUBING	\$859
11; 5/8" RODS	\$341
12; 6' BCUP DOWNHOLE PUMP	\$354
13; PUMPING UNIT	\$1,500
14; MOTOR	\$150
15; 8' POLISH ROD	\$43
16; STUFFING BOX AND PUMP T	\$74
17; MUD ANCHOR	\$68
18; 4 1/2" CASING HEAD	\$133
19; ROD CLAMPS	\$22
20; 2" CHECK VALVE	\$20
21; 1" GATE VALVE	\$5
22; 2" GATE VALVE	\$15
23; 330' 2" PVC LINE PIPE	\$210
24; MISCL. VALVES AND FITTINGS	\$200

INTANGIBLE COSTS

28; COMPLETION UNIT @ \$50 PER HR.	\$2,000
29; LOGGING AND PERFORATING	\$740
30; ACIDIZE LIMESTONE	\$805
31; ACIDIZE SANDSTONE	\$865
32; COMPLETION ENGINEER	\$1,500
33; ROUSTABOUT CREW	\$450
35; TOTAL TANGABLE	\$3,994
36; TOTAL INTANGIBLE	\$6,360
37; TOTAL COMPLETION COSTS	\$10,354

ORIGINAL

CARD MUST BE TYPED

State of Kansas
NOTICE OF INTENTION TO DRILL
(see rules on reverse side)

CARD MUST BE SIGNED

Starting Date: ... October 25, 1984 ...
month day year 2'12

API Number 15- 073-23,332

OPERATOR: License # 7695
Name Associated Producers
Address 1661 N. Nevada
City/State/Zip Wichita, KS 67212
Contact Person Richard J. Larue
Phone (316) 943-5321

NW 5W SW (location) Sec 33 Twp 26 S, Rge 13E East West
1200 Ft North from Southeast Corner of Section
5015 Ft West from Southeast Corner of Section
(Note: Locate well on Section Plat on reverse side)

CONTRACTOR: License # 5834
Name Bub Snow Drilling Co., Inc.
City/State Harrison, Arkansas

Nearest lease or unit boundary line 165 feet.
County GREENWOOD
Lease Name Ludlam Well# 5
Domestic well within 330 feet: yes no
Municipal well within one mile: yes no

Well Drilled For: Well Class: Type Equipment:
 Oil Swd Infield Mud Rotary
 Gas Inj Pool Ext. Air Rotary
 OWWO Expl Wildcat Cable

Depth to Bottom of fresh water feet
Lowest usable water formation *Douglas Group* feet
Depth to Bottom of usable water 225 feet
Surface pipe by Alternate: 1 2
Surface pipe to be set 40 feet
Conductor pipe if any required feet
Ground surface elevation 1043 feet MSL.
This Authorization Expires 4-24-85
Approved By 10-24-84 *R*

If OWWO: old well info as follows:
Operator
Well Name
Comp Date Old Total Depth
Projected Total Depth 500 feet
Projected Formation at TD Lansing
Expected Producing Formations Lansing

I certify that we will comply with K.S.A. 55-101, et seq., plus eventually plugging hole to K.C.C. specifications.

Date 10-24-84 Signature of Operator or Agent *Richard J. Larue* Title *Partner*
MHC/MOHE 10/24/84 Form C-1 4.84

CARD MUST BE TYPED

State of Kansas
NOTICE OF INTENTION TO DRILL
(see rules on reverse side)

CARD MUST BE SIGNED

Starting Date: ... October 25, 1984 ...
month day year 2'12

API Number 15- 073-23,333

OPERATOR: License # 7695
Name Associated Producers Co.
Address 1661 N. Nevada
City/State/Zip Wichita, KS 67212
Contact Person Richard J. Larue
Phone (316) 943-5321

NW 5W SW (location) Sec 33 Twp 26 S, Rge 13E East West
1200 Ft North from Southeast Corner of Section
4950 Ft West from Southeast Corner of Section
(Note: Locate well on Section Plat on reverse side)

CONTRACTOR: License # 5834
Name Bub Snow Drilling Co., Inc.
City/State Harrison, ARK

Nearest lease or unit boundary line 330 feet.
County GREENWOOD
Lease Name Ludlam Well# 6
Domestic well within 330 feet: yes no
Municipal well within one mile: yes no

Well Drilled For: Well Class: Type Equipment:
 Oil Swd Infield Mud Rotary
 Gas Inj Pool Ext. Air Rotary
 OWWO Expl Wildcat Cable

Depth to Bottom of fresh water feet
Lowest usable water formation *Douglas Group* feet
Depth to Bottom of usable water 225 feet
Surface pipe by Alternate: 1 2
Surface pipe to be set 40 feet
Conductor pipe if any required feet
Ground surface elevation 1037 feet MSL.
This Authorization Expires 4-24-85
Approved By 10-24-84 *R*

If OWWO: old well info as follows:
Operator
Well Name
Comp Date Old Total Depth
Projected Total Depth 500 feet
Projected Formation at TD Lansing
Expected Producing Formations Lansing

I certify that we will comply with K.S.A. 55-101, et seq., plus eventually plugging hole to K.C.C. specifications.

Date 10-24-84 Signature of Operator or Agent *Richard J. Larue* Title *Partner*
MHC/MOHE 10/24/84 Form C-1 4.84