

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 # 3517
Name: Columbian Resources Corporation
Address: Bank IV Tower
P. O. Box 3501
City/State/Zip: Topeka, KS 66601-3501

Purchaser.....

Operator Contact Person
Phone

Contractor: License # 5107
Name: H-30 Drilling, Inc.

Wellsite Geologist.....
Phone.....

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)

If OWNED: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth.....

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable

3-16-88 3-25-88 3-27-88
Spud Date Date Reached TD Completion Date

6050'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 1597 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
Cement Company Name
Invoice #

API NO. 15-175-21,004-00-00
County: Seward
C - SE NE Sec. 2 Twp. 34S Rge. 31 East
..... West

3300 Ft North from Southeast Corner of Section
660 Ft West from Southeast Corner of Section
(Note: Locate well in section plot below)

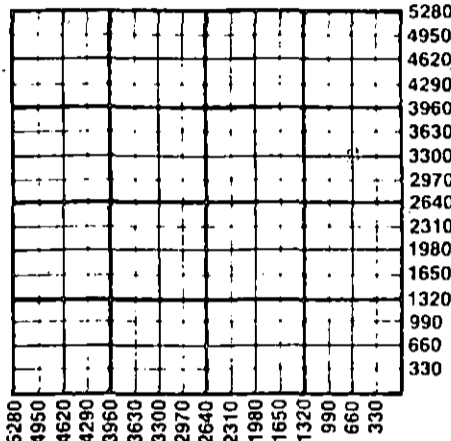
Lease Name: Pollock Heirs Well #: 2-1

Field Name.....

Producing Formation.....

Elevation: Ground 2909 KB 2722

Section Plot



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # Repressuring

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717

Source of Water:
Division of Water Resources Permit # T88-160

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

Surface Water.....Ft North from Southeast Corner
(Stream, pond etc).....Ft West from Southeast Corner
Sec Twp Rge East West

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

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. 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.

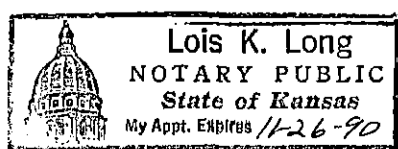
Signature: R. L. Budney

Title..... Date 4/21/88

Subscribed and sworn to before me this 21st day of April 1988

Notary Public: Lois K. Long

Date Commission Expires: 11-26-90



APR 22 1988
4-22-88
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)
4-22-88

Sec. 2 Twp. 34S Rge. 31 W

SIDE TWO

Operator Name Columbian Resources Corporation Lease Name Pollock Heirs Well # 2-1

Sec. 2 Twp. 34S Rge. 31 East West County Seward

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
Sand	0	100'
Sand and Red Bed	100'	950'
Sand	950'	1,130'
Red Bed	1,130'	1,683'
Lime and Shale	1,683'	2,305'
Shale and Lime	2,305'	3,040'
Lime and Shale	3,040'	3,425'
Shale and Lime	3,425'	3,780'
Lime and Shale	3,780'	4,521'
Shale and Lime	4,521'	4,750'
Lime and Shale	4,750'	5,585'
Shale and Lime	5,585'	5,923'
Lime	5,923'	5,981'
Shale and Lime	5,981'	6,050'
Rotary Total Depth		6,050'

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
Conductor	30"	20"		40'	4 yards	grout	
Surface	12-1/4"	8-5/8"	24#	1597'	Lite Wt Common	500 100	3% cc 3% cc
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)			Depth
TUBING RECORD				Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Date of First Production	Producing Method						
	<input type="checkbox"/> Flowing <input 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		
	Bbls	MCF	Bbls	CFPB			

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify)
 Used on Lease Dually Completed
 Commingled

AMENDED

SIDE TWO

Operator Name Columbian Resources Corporation Lease Name Pollock Heirs Well # 2-1

Sec. 2 Twp. 34S Rge. 31 East West County Seward

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

DST No. 1 Toronto 30-60-30-60
1st op. String blo, gts. 10", rec. 730' logc. wtry m
IH 2125 FH 2005
LFP 174-155 FFP 219-236
ISIP 926 FSIP 843

Name	Top	Bottom
Sand	0	100'
Sand and Red Bed	100'	950'
Sand	950'	1,130'
Red Bed	1,130'	1,683'
Lime and Shale	1,683'	2,305'
Shale and Lime	2,305'	3,040'
Lime and Shale	3,040'	3,425'
Shale and Lime	3,425'	3,780'
Lime and Shale	3,780'	4,521'
Shale and Lime	4,521'	4,750'
Lime and Shale	4,750'	5,585'
Shale and Lime	5,585'	5,923'
Lime	5,923'	5,981'
Shale and Lime	5,981'	6,050'
Rotary Total Depth		6,050'

DST No. 2 Morrow 30-30-30-30 rec. 20' m
IH 2766 FH 2733
LFP 88-99 FFP 99-99
ISIP 232 FSIP 307

DST No. 3 St. Louis 15-30-15-30 rec. 20' m
IH 2831 FH 2809
LFP 110-88 FFP 110-99
ISIP 165 FSIP 132

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
Conductor	30"	20"		40'	4 yards grout		
Surface	12-1/4"	8-5/8"	24#	1597'	Lite Wt Common	500 100	3% cc 3% cc
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First Production	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....						
Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio	Gravity CFPB		

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Sold Used on Lease Open Hole Other (Specify) Perforation

Dually Completed Coning



CONSERVATION DIVISION Wichita, Kansas