

COPY

CORRECTED ACO-1  
SIDE ONE

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 # 8925  
Name Liberty Operations & Completions  
Address 308 West Mill Inc.  
City/State/Zip Plainville, Ks 67663

Purchaser.....

Operator Contact Person Charles G. Comeau  
Phone 913-434-4686

Contractor: License # 5665  
Name Pioneer Drilling Company, Inc.

Wellsite Geologist Kevin Adams  
Phone 913-628-6698

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  
5-06-85 5-13-85 5-13-85  
Spud Date Date Reached TD Completion Date  
3460'  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 8 5/8" @ 258' 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

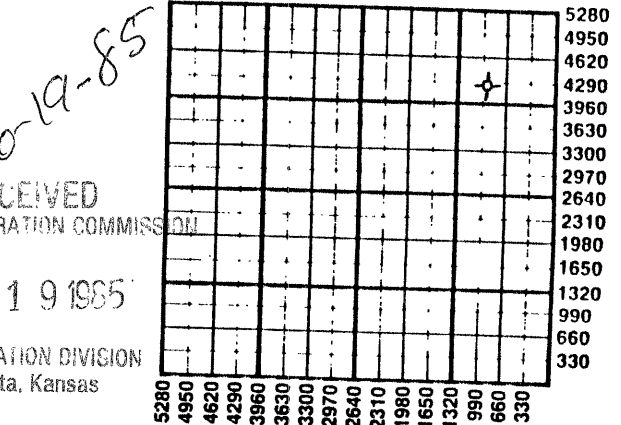
API NO. 15-163-22,653-06-00  
County Rooks  
50'E & 120'S  
of SW NE NE Sec. 14 Twp. 8S Rge. 19  East  West

4170 Ft North from Southeast Corner of Section  
940 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

Lease Name Hance Well # 1  
Field Name.....

Producing Formation.....

Elevation: Ground 1933' KB 1938'  
Section Plat



WATER SUPPLY INFORMATION  
Disposition of Produced Water:  Disposal  Repressuring  
Docket #.....

Questions on this portion of the ACO-1 call:  
Water Resources Board (913) 296-3717  
Source of Water: Out of a creek  
Division of Water Resources Permit #.....  
 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 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. Rule 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 Charles G. Comeau  
Title Petroleum Geologist Date 5-21-85

Subscribed and sworn to before me this 21st day of May 1985  
Notary Public Jolene Garvert  
Date Commission Expires 3-9-88

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)

JOLENE GARVERT  
NOTARY PUBLIC  
STATE OF KANSAS  
MY APPT. EXPIRES 3-9-88

Y900-1

SIDE TWO

Operator Name Liberty Operations & Completions, Inc. Lease Name Hance Well # 1

Sec. 14 Twp. 8s Rge. 19  East  West County Rooks

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 #1: 3274-3349' / 30-30-30-30. Blow 1st Open weak, slowly decr., 2nd open died in 5 min., flushed. IF 91-91, FF 91-100, Shut-in 426-309. Recovered 75' mud.

DST #2: 3336-3414' / 60-60-60-60. Blow was weak steady throughout. IF 75-83, FF 91-100, Shut-in 493-200. Rec. 60' mud with scum of oil in tool.

Log Tops

Anhydrite	1340	(+598)
Topeka	2878	(-940)
Heebner	3088	(-1150)
Toronto	3110	(-1172)
Lansing/KC	3127	(-1189)
Base/KC	3349	(-1411)
Arbuckle	3400	(-1462)

Name	Top	Bottom
sand and shale	0'	258'
sand and shale	258'	800'
sand and shale	800'	836'
sand	836'	1064'
shale	1064'	1344'
anhydrite	1344'	1387'
shale	1387'	1504'
shale and lime	1504'	1885'
shale	1885'	2075'
shale and lime	2075'	2325'
shale and lime	2325'	2549'
shale and lime	2549'	2760'
lime and shale	2760'	2927'
lime and shale	2927'	3043'
lime and shale	3043'	3119'
lime and shale	3119'	3176'
lime and shale	3176'	3234'
lime and shale	3234'	3312'
lime and shale	3312'	3349'
lime and shale	3349'	3389'
lime and shale	3389'	3414'
lime and shale	3414'	3460'
	3460'	R.T.D.

CASING RECORD  New  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 Casing	12 1/4"	8 5/8"	20#	258'	50-50pos	210	6%gel 3%cc

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
.....	.....	.....	.....
.....	.....	.....	.....
.....	.....	.....	.....
.....	.....	.....	.....

TUBING RECORD Size Set At Packer at Liner Run  Yes  No

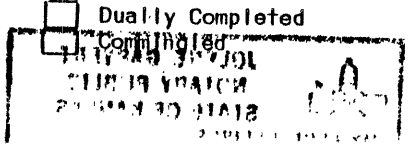
Date of First Production Producing Method  Flowing  Pumping  Gas Lift  Other (explain).....

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  Sold  Used on Lease  Open Hole  Perforation  Other (Specify) .....



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County Rooks  
SW NE SE ..... Sec. 14 Twp. 8S Rge. 19  East  West

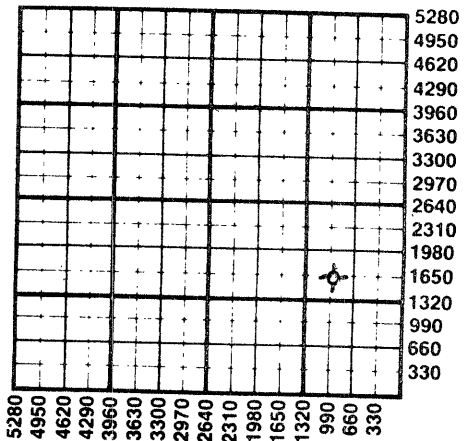
1530 ..... Ft North from Southeast Corner of Section  
940 ..... Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

Lease Name Hance Well # 1

Field Name.....

Producing Formation.....

Elevation: Ground 1933' KB 1938'  
Section Plat



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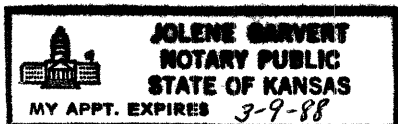
Date Commission Expires 3-9-88

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)

RECEIVED STATE CORPORATION COMMISSION

MAY 22 1985

Form ACO-1 (7-84)



CONSERVATION DIVISION Wichita, Kansas

5-22-85

Sec. 14 Twp. 8S Rge. 19W

SIDE TWO

Operator Name Liberty Operations & Completions, Inc. Lease Name Hance Well # 1

Sec. 14 Twp. 8s Rge. 19  East  West County Rooks

WELL LOG

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	3460'	R.T.D.

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used Report all strings set-conductor, surface, intermediate, production, etc.							
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Surface Casing	12 1/4"	8 5/8"	20#	258'	50-50pos	210	6%gel 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

