

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, Inc.  
Address 308 West Mill  
City/State/Zip Plainville, Ks 67663

Purchaser Derby Refining Co.

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

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

Wellsite Geologist Gregory J. Issinghoff  
Phone 913-628-3503

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

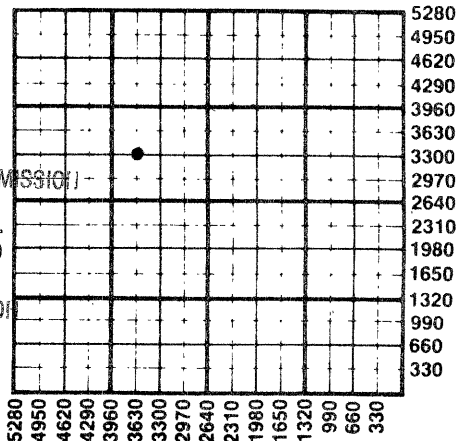
Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
1-13-85 Spud Date 1-20-85 Date Reached TD 4-2-85 Completion Date  
3540' Total Depth 3517' PBTD  
Amount of Surface Pipe Set and Cemented at 8 5/8" @ 261' feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set feet  
If alternate 2 completion, cement circulated from 1280' feet depth to 0' w/ 250 SX cmt 50-50 poz, 6% gel

API NO. 15-163-22,590-00-00  
County Rooks  
C W/2 SE NW Sec. 3 Twp. 9S Rge. 19  East  West

3300 Ft North from Southeast Corner of Section  
3630 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

Lease Name Novotny Well # 1  
Field Name BARRY  
Producing Formation Arbuckle  
Elevation: Ground 2037' KB 2042'

Section Plat



RECEIVED  
4/2/85  
APR 02 1985  
STATE CORPORATION COMMISSION  
Wichita, Kansas

WATER SUPPLY INFORMATION

Disposition of Produced Water:  Disposal  Repressuring  
Docket #

Questions on this portion of the ACO-1 call:

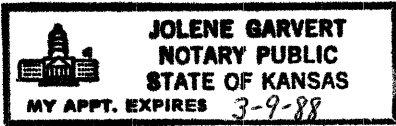
Water Resources Board (913) 296-3717  
Source of Water: Pond  
Division of Water Resources Permit # NA  
 Groundwater (Well) Ft North from Southeast Corner of Section Twp Rge  East  West  
 Surface Water (Stream, pond etc) Ft North from Southeast Corner of Section Twp Rge  East  West  
 Other (explain) (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 4-1-85

Subscribed and sworn to before me this 1st day of April 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)

Sec 3, Twp 9, Rge 19W

SIDE TWO

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

Sec. 3 Twp. 9S 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: 3445-3497/30-60-60-60. IHP 1982, IFP 58-75, ISIP 1090, FFP 91-133, FSIP 1090, FHP 1967.  
 Blow-weak slowly incr. 1st open, weak steady blow 2nd open. Recovered 190' oil cut mud

Log Tops

Anhydrite	1483	(+559)
Topeka	2997	(-955)
Heebner	3203	(-1161)
Toronto	3225	(-1183)
Lansing/KC	3242	(-1200)
Base/KC	3448	(-1406)
Arbuckle	3483	(-1441)
TD	3542	(-1500)

Name	Top	Bottom
sand-shale-clay	0'	262'
sand and shales	262'	1440'
shales	1440'	1480'
anhydrite	1480'	1521'
shales	1521'	1814'
shale and lime	1814'	1964'
shale and lime	1964'	2005'
shale and lime	2005'	2139'
shale and lime	2139'	2151'
lime and shale	2151'	2414'
lime and shale	2414'	2655'
lime and shale	2655'	2802'
lime and shale	2802'	2856'
lime and shale	2856'	2895'
lime and shale	2895'	3011'
lime and shale	3011'	3146'
lime and shale	3146'	3156'
lime and shale	3156'	3211'
lime and shale	3211'	3280'
lime and shale	3280'	3347'
lime and shale	3347'	3422'
lime and shale	3422'	3492'
arbuckle	3492'	3497'
arbuckle	3497'	3540'

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used								3540' R.T.D.
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#	261'	60-40pos	140	3%cc 2%gel	
Production	7 7/8"	5 1/2"	14#	3539'	ASC	160		
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record				
Shots Per Foot	Specify Footage of Each Interval Perforated			Amount and Kind of Material Used			Depth	
4/foot	3487-3490'			Treated w/250 gal. 15% I.N.S.			3487-3490'	
3/foot	1280'			Squeezed with 100 sks cmt.			1280'	
TUBING RECORD		Size 2 7/8"	Set At 3502'	Packer at	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Date of First Production	Producing Method							
4-2-85	<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
	25	Bbls		MCF	10	Bbls	CFPB	

METHOD OF COMPLETION

Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  
 Sold  Other (Specify) ..... 3487-3490'  
 Used on Lease  
 Dually Completed  
 Commingled

