

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 Derby Refining Company

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

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

Wellsite Geologist Greg 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  
3-29-85 4-06-85 5-7-85  
Spud Date Date Reached TD Completion Date  
3412' 3414'  
Total Depth PBD  
Amount of Surface Pipe Set and Cemented at 8 5/8" @ 285'  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set 1100'  
If alternate 2 completion, cement circulated from 1100' feet depth to surface w/ 400 SX cmt

API NO. 15-051-24,166-00-02  
County Ellis  
C S/2 NE Sec 22 Twp 11s Rge 17  East  West

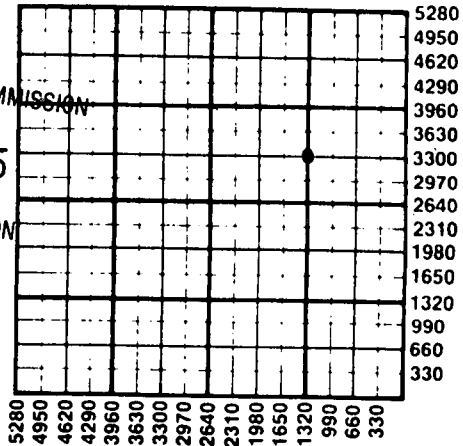
3300 Ft North from Southeast Corner of Section  
1320 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

Lease Name Beach "E" Well # 2  
Field Name Bemis - Shuts

Producing Formation Arbuckle

Elevation: Ground 1918' KB 1923'

Section Plat



RECEIVED  
STATE CORPORATION COMMISSION  
MAY 21 1985  
CONSERVATION DIVISION  
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:  
Division of Water Resources Permit #  
 Groundwater 300 Ft North from Southeast Corner  
1620 Ft West from Southeast Corner of  
Sec 2 Twp 11 Rge 17  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.

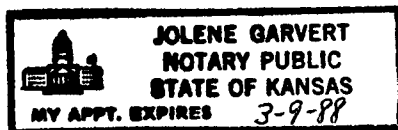
Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months. One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 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 5-20-85

Subscribed and sworn to before me this 20th 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)



Sec 22 Twp 11 Rge 17

SIDE TWO

Operator Name Liberty Operations & Completions, Inc. Lease Name Beach "E" Well # 2

Sec. 22 Twp. 11S Rge. 17  East  West County Ellis

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

Sample Tops

Anhydrite 1132 (+791)  
 Topeka 2833 (-910)  
 Heebner 3070 (-1147)  
 Toronto 3093 (-1170)  
 Lansing/KC 3117 (-1194)  
 Base/KC 3350 (-1427)  
 Arbuckle 3403 (-1480)  
 Total Depth 3412 (-1489)

Name	Top	Bottom
sand and shale	0'	290'
shale and sand	290'	660'
shale and sand	660'	1133'
anhydrite	1133'	1168'
shale and sand	1168'	1430'
shale	1430'	1434'
shale	1434'	1793'
shale	1793'	2000'
shale	2000'	2193'
lime and shale	2193'	2420'
lime and shale	2420'	2630'
lime and shale	2630'	2868'
lime and shale	2868'	3000'
lime and shale	3000'	3165'
lime and shale	3165'	3295'
lime and shale	3295'	3400'
lime and shale	3400'	3412'

NO LOGS WERE RUN ON THIS WELL

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 Casing	12 1/4"	8 5/8"	20#	285'	60-40pos	150	2%gel 3%cc
Production (1st)	7 7/8"	5 1/2"	14#	3409'	common	75	10%salt
" (2nd)	"	"	"	"	50-50pos	350	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	
	Open Hole 3409-14'			500 gal. I.N.S. 15% acid		3409-14'	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production		Size		Set At		Packer at	
5-17-85		2 3/8"		3400'			
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).....			
Estimated Production Per 24 Hours		Oil	Gas	Water	Gas-Oil Ratio	Gravity	
27 Bbls			MCF	800 Bbls	CFPB		

METHOD OF COMPLETION

Production Interval

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