

Amended 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, Inc.
 Address 308 West Mill, Inc.
 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 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 OWMO: old well info as follows:

Operator
 Well Name
 Comp. Date Old Total Depth.....

WELL HISTORY

Drilling Method:

- Mud Rotary Air Rotary Cable

8-24-85 8-31-85 9-11-85
 Spud Date Date Reached TD Completion Date

3520' 3462'
 Total Depth PBTD

Amount of Surface Pipe Set and Cemented at.....feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set.....1116.68'.....feet

If alternate 2 completion, cement circulated from.....feet depth to.....w/.....SX cmt

Contract Co: Allied Cementing Co. Invoice: #44015

API NO. 15-...051-24,245 -00 00

County...Ellis

.C.N.W.SE. Sec.22. Twp.11. Rge.17. East
 West

1980 Ft North from Southeast Corner of Section
 1980 Ft West from Southeast Corner of Section
 (Note: Locate well in section plat below)

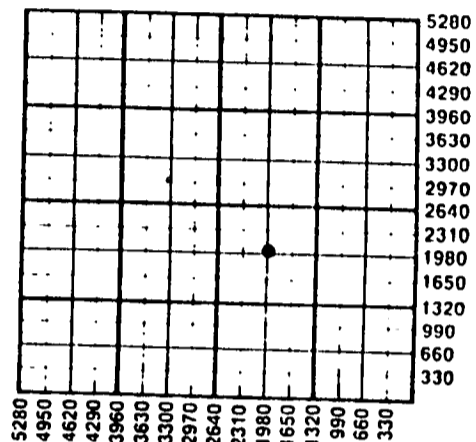
Lease Name...Reach "F" Well # 7

Field Name...Bemis - Muller

Producing Formation...Topeka

Elevation: Ground...1968' KB...1973'

Section Plat



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 #.....

Groundwater...300 Ft North from Southeast Corner
 (Well) 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.

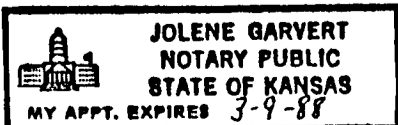
Signature *Charles G. Comeau*
 Charles G. Comeau

Title Petroleum Geologist Date 9-18-85

Subscribed and sworn to before me this 18th day of September 1985.

Notary Public *Jolene Garvert*
 Jolene Garvert

Date Commission Expires 3-9-88



SENT 9-18-85

K.C.C. OFFICE USE ONLY

Letter of Confidentiality Attached
 Wireline Log Received
 Drillers Time Log Received

Distribution

KCC SWD/Rep NGPA
 KGS Plug Other
 (Specify)

RECEIVED
 STATE CORPORATION COMMISSION

Form ACO-1 (7-84)
 NOV 13 1985

CONSERVATION DIVISION
 Wichita, Kansas

Sec 22 Twp 11 Rge 17 W

SIDE TWO

Operator Name Liberty Operations & Completions, Inc. Lease Name Beach "E" Well # 7

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

DST #1: 3207-3231'/30-30-30-30. Recovered 120' gassy, muddy water, 330' Drlg. mud. IF 227-235#, FF 244-252, Shut-in 269-260#.

Name	Top	Bottom
sand and shale	0'	262'
sand and shale	262'	900'
sand and shale	900'	1176'
anhydrite	1176'	1198'
shale	1198'	1427'
shale	1427'	1830'
shale	1830'	2035'
shale and lime	2035'	2235'
shale and lime	2235'	2420'
shale and lime	2420'	2650'
shale and lime	2650'	2842'
shale and lime	2842'	2975'
lime and shale	2975'	3081'
lime and shale	3081'	3204'
lime and shale	3204'	3231'
lime and shale	3231'	3257'
lime and shale	3257'	3364'
lime and shale	3364'	3453'
ar buckle	3453'	3520'
		R.T.D.

LOG TOPS

Anhydrite	1173	(+800)
Topeka	2865	(-892)
Heebner	3118	(-1145)
Toronto	3140	(-1167)
Lansing/KC	3164	(-1191)
Base/KC	3398	(-1425)
Arbuckle	3440	(-1467)

RELEASED

JAN 21 1987

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	Percent Additives
Surface Casing	12 1/4"	8 5/8"	20#	261'	60-40pos	160	2%gel 3%cc
Production (B)	7 7/8"	5 1/2"	15#	3469.76'	60-40pos	150	8%salt 5%gilsonite
" (T)	"	"	"	"	50-50pos	375	6%gel

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4/foot	3297-3299', 3213-3215'	750 gal. 15% N.F.	3297-99' 3213-15'

TUBING RECORD Size 2 7/8 Set At 3438.57' Packer at _____ Liner Run Yes No

Date of First Production 9-17-85 Producing Method Flowing Pumping Gas Lift Other (explain).....

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
➔	20 Bbls	MCF	200 Bbls	CFPB	

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify) 3213-3299'
 Used on Lease Dually Completed
 Commingled