

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 # 5339  
 name Bergman Oil Co. & Fuwer Petroleum CO  
 address 520 Union Center, Wichita, Ks  
 City/State/Zip Wichita, Kansas 67202  
 Operator Contact Person Harold I. Bergman  
 Phone 316-267-5291  
 Contractor: license # 5659  
 name Bergman Drilling, Inc.  
 Purchaser:  
 Wellsite Geologist Charles Stagle  
 Phone 316-267-7082

Designate Type of Completion  
 New Well     Re-Entry     Workover

Oil                       SWD                       Temp Abd  
 Gas                       Inj                       Delayed Comp.  
 Dry                       Other (Core, Water Supply etc.)

OWWO: old well info as follows:

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

WELL HISTORY

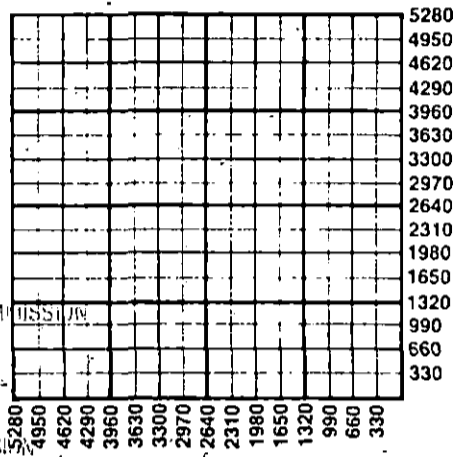
Drilling Method:  Mud Rotary     Air Rotary     Cable  
 Start Date 10-14-81    Date Reached TD 10-24-81    Completion Date 10-24-81  
 Total Depth 4300'    PBTB  
 Amount of Surface Pipe Set and Cemented at 561 feet  
 Multiple Stage Cementing Collar Used?  Yes     No  
 If Yes, Show Depth Set ..... feet  
 Alternate 2 completion, cement circulated  
 from ..... feet depth to ..... w/ ..... SX cmt.

API NO. 15 - 145-21,164,0000  
 County Pawnee  
 Location C E/2 SE SE Sec. 15 Twp. 20 Rge 20 West

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

Lease Name Dick Well# 1  
 Field Name .....  
 Producing Formation none  
 Elevation: Ground 2187 KB 2192  
 KE-KCL

Section Plat



RECEIVED  
 NOV 02 1983  
 STATE CORPORATION COMMISSION  
 WICHITA, KANSAS

WATER SUPPLY INFORMATION

Source of Water:  
 Division of Water Resources Permit # .....  
 Groundwater ..... Ft North From Southeast Corner and  
 (Well) ..... Ft. West From Southeast Corner of  
 Sec Twp Rge  East  West  
 Surface Water ..... Ft North From Southeast Corner and  
 (Stream, Pond etc.) ..... Ft West From Southeast Corner  
 Sec Twp Rge  East  West  
 Other (explain) .....  
 (purchased from city, R.W.D.#)

Disposition of Produced Water:  Disposal  Repressuring  
 Docket # .....

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. Rules 82-3-130 and 82-3-107 apply.

Information on slide 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 or 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: *Harold I. Bergman*  
 Title: *Operator* Date: 10-29-84  
 Subscribed and sworn to before me this 29th day of October 1984  
 Notary Public: *Alma A. Neises*  
 State Commission Expires May 31, 1986

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)

Form ACO-1  
 (This form supercedes  
 previous forms  
 ACO-1 & C-10)

Sec. 15 Twp. 20 Rge. 20

Operator Name ..... Lease Name ..... Well# ..... SEC ..... TWP ..... RGE .....  East  West

**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
Anhydrite	1336	1363
Heebner	3652	-1460
Lansing	3704	-1512
B/Kansas City	4048	-1856
Cherokee Black Shale	4185	-1993
1st Cherokee Sand	4191	-1999
2nd Cherokee Sand	4212	-2020
3rd Cherokee Sand	4250	-2058
Mississippi Chert	4283	-2091
total Depth 4300'		

DST # 1 4182-34205 Open 30-60=30-90  
 Weak blow on first open and no blow on second open. Rec. 10' of slightly oil cut mud with a trace of water, 5% oil 5% water 90# mud LFP 42-42 FFP53 -53 IBHSIP 1262 in 60 min. FBHSIP 1273 in 90 min. BHT 114°  
 DST # 2 30-60-90-90 weak blow on first open very weak blow on second open- Rec. 15' watery mud with a scum of oil, 184' muddy water with a scum of oil Total 199' IFP 63- 64 FFP 85-118 IBHP 920# in 60 min. FBHP 888 # in 90 min BHT 118°

DST # 3 4286-4300 30-60-90-90 Strong blow throughout both opens - 2485' total fluid 5' oil 5' oil cut muddy water 8% oil, 50% water, 42% mud 496' oil speck muddy water, 1% oil 74% water 25% mud. 1917' muddy water with scum oil, trace of oil 15% mud, 85% water, 62% muddy water scum oil, trace oil, 25% mud, 75% water IFP 212 1666# FFP 677- 1159 LBHP 1326 -60 min FBHP 1336- in 90 min BHT 115°

CASING RECORD <input 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.....	....12-1/2....	...8-7/8....	..20#....	..561....	60/40 poz comm	...150... ...100...	.....
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) .....		size		set at packer at	
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity		
	Bbls	MCF	Bbls	CFPB			

Disposition of gas:  vented  sold  used on lease

**METHOD OF COMPLETION**  
 open hole  perforation  other (specify) .....

Dually Completed.  
 Commingled

**PRODUCTION INTERVAL**  
 .....