

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 # 6114  
Name Don E. Pratt  
Address P. O. Drawer 370  
Hays, KS 67601  
City/State/Zip

Purchaser Koch Oil Co.

Operator Contact Person Don Pratt  
Phone 913-625-3446

Contractor: License # 6033  
Name Murfin Drilling Company

Wellsite Geologist Randall K. Kilian  
Phone 628-6061

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  
9-7-86 9-15-86 9-28-86  
Spud Date Date Reached TD Completion Date  
4620'  
Total Depth PBTD  
Amount of Surface Pipe Set and Cemented at 8-5/8" @ 264'  
Multiple Stage Cementing Collar Used? Yes  No  
If yes, show depth set 2536 feet  
If alternate 2 completion, cement circulated from 2536 feet depth to surface 500 cmt  
Cement Company Name Halliburtons  
Invoice # 401440

API NO. 15-179-20-866-00-00  
County Sheridan  
NE SW SW Sec 31 Twp 10S Rge 30 East West  
990 Ft North from Southeast Corner of Section  
4290 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

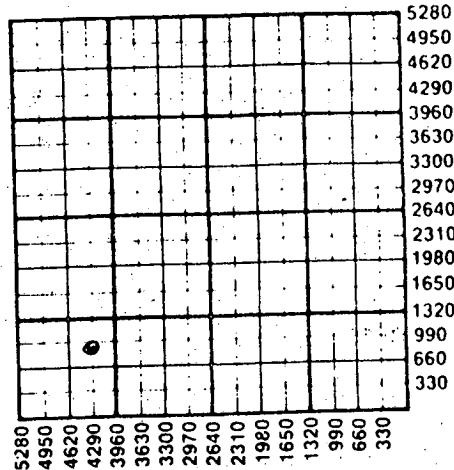
Lease Name Beckman Well # 4-31

Field Name Campus Siding NE

Producing Formation LKC

Elevation: Ground 2961 KB 2966

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: Hauled  
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 triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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.

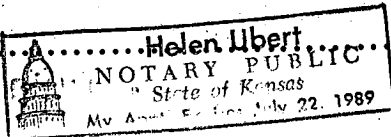
Signature Don E. Pratt

Title OWNER AND OPERATOR Date 10-8-86

Subscribed and sworn to before me this 8th day of October 1986

Notary Public Helen Ubert

Date Commission Expires



K.C.C. OFFICE USE ONLY  
F Letter of Confidentiality Attached  
C Wireline Log Received  
C Drillers Timelog Received  
Distribution  
SWD/Rep NGPA  
Plug Other (Specify)



Operator Name ..... Don E. Pratt ..... Lease Name..... Beckman ..... Well #..... 4-31

Sec..... 31 ..... Twp..... 10S ..... Rge..... 30 .....  East  West ..... County..... Sheridan .....

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	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Formation Description	
Samples Sent to Geological Survey	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No - not requested		<input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample
Cores Taken	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No		
DST#1--Lansing 'B,C,D' 4033-75= 30",45",30", 45" Rec. 10' S.O.Sp. M.--HP 2047-2055#, F.P. 25-33,33# SIP 1073# Temp. 110°F	Name		Top	Bottom
	Anhydrite		2520-2548	+446 - +418
	Topeka		375-	-784
DST.#2--Lansing 'E,F,G' 4079-4128-30",45",30",45" Rec. 219' mud with specks of oil, 485' salt water 42,000 Chl's. H.P. 2105-2063# F.P. 25-291, 291-383# SIP 1239-1239# Temp. 110°F	Heebner		3972	-1006
	Toronto		3994	-1028
	Lansing		4011	-1045
	Stark Shale		4228	-1262
	Base KC		4286	-1320
DST#3--Lansing KC 'H,I,J' 4140-4230-45",60",45",60" Rec. 15' S.O. Sp. M. 120' V.S.O. Sp. M. H.P. 2163-2130# FP 58-100, 100-142# SIP 857-741# Temp. 111°F	Pawnee		4419	-1453
	Fort Scott		4486	-1520
	Cherokee		4514	-1548
	Cherokee Sandstone		4592 (3')	-1626
DST#4--Lansing 'K,L' 4226-90'--45",60",45",60" Rec. 793' GIP 15', GSMCO 242'VGMCO, 122' GOCM. H.P. 2180-2163',FP 33-142, 158-208# SIP 1098-1043# Temp 112°F	Mississippian		4596	-1630
	R.T.D.		4620	-1654
DST#5--Marmaton 4398-4508--45",60",45",60" Rec. 167' GIP, 15'SOSGCM, GO GOCM, H.P. 2313-2297# FP 67-92, 100-100# SIP 333-300# Temp. 112°F.	DST #6-Cherokee Sandstone 4571-4600' 30",45",0", 0", Rec. 10' mud w/oil specks H.P. 2380-2363# FP 29-37 SIP 1027 Temp. 114°F.			

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 (new)	2-1/4"	8-5/8"	.23#	.264	60-40 Poz	200	3% cc
Oil String used	7-7/8"	4 1/2"	.105#	.4613'	EA2	200	Bottom stage
DV tool				2536'	HLC	500	top stage

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4 SSB	4 ft. 4278-82)		
4 SSB	4 ft. 4252-56)	3000 gal. 15% SCA	
4 SSB	4 ft. 4245-48)		

TUBING RECORD

Date of First Production 9-25-86  
Producing Method  Flowing  Pumping  Gas Lift  Other (explain).....

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	80		10		
	Bbls	MCF	Bbls	CFPB	

METHOD OF COMPLETION Production Interval

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

15-179-20866-00-00

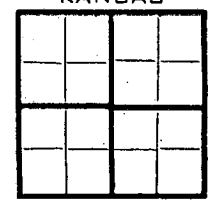
# WELL LOG

COMPANY Don E. Pratt  
 P. O. Box 370  
 Hays, KS 67601  
 FARM BECKMAN NO. 4-31

SEC. 31 T. 10S R. 30W  
 LOC. NE SW SW

RIG. NO. 2  
 TOTAL DEPTH 4620'  
 COMM. 9-7-86 COMP. 9-16-86

COUNTY Sheridan KANSAS



CONTRACTOR Murfin Drilling Company  
 250 N. Water, Suite 300  
 Wichita, KS 67202

CABING  
 20 10  
 15 8 -5/8" csg set @ 264' w/200 sx 60-40 Pozmix, ELEVATION  
 12 6 3% cc.  
 13 5  
 4-1/2" csg set @ 4213' w/200 sx EA2, 18% salt + 500 sx Howco Lite. PRODUCTION  
 FIGURES INDICATE BOTTOM OF FORMATIONS

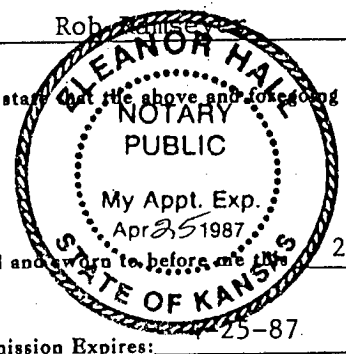
Sand & Clay	180'
Shale	264'
Shale & Sand	2522'
Anhydrite	2552'
Shale & Shells	3585'
Shale & Lime	4600'
Lime & Shale & Sand (RTD)	4620'

STATE CONFIGURATION COMMISSION  
 CONS. DIV. WICHITA, KS

OCT 10 1986

State of Kansas  
 County of Sedgwick

I, Rob Ramsey of the Murfin Drilling Company  
 upon oath state that the above and foregoing is a true and correct copy of the log of the Beckman #4-31 well.



Rob Ramsey  
 Rob Ramsey, Agent for Operator

Subscribed and sworn to before me this 22nd day of September 1986

My Commission Expires: 4-25-87

Eleanor Hall  
 ELEANOR HALL  
 NOTARY PUBLIC