

20-00

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 # 7076
Name Black Diamond Oil, Inc.
Address 1105 E. 30th, Suite A
City/State/Zip Hays, KS 67601

Purchaser Koch Oil Company
Wichita, KS 67202

Operator Contact Person Kenneth Vehige
Phone 913-625-5891

Contractor: License # 9087
Name R. & C. Drilling Co. Inc.

Wellsite Geologist Mark Torr
Phone 913-628-3131

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
9-24-85 9-29-85 10/27/85
Spud Date Date Reached TD Completion Date
3694' 3663'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 209' feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 1806 feet
If alternate 2 completion, cement circulated
from 1806 feet depth to surface w/ 290 SX cmt

API NO. 15-163-22,761
County Rooks
NW NE SE Sec 33 Twp 6 Rge 20 East West

2310 Ft North from Southeast Corner of Section
990 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

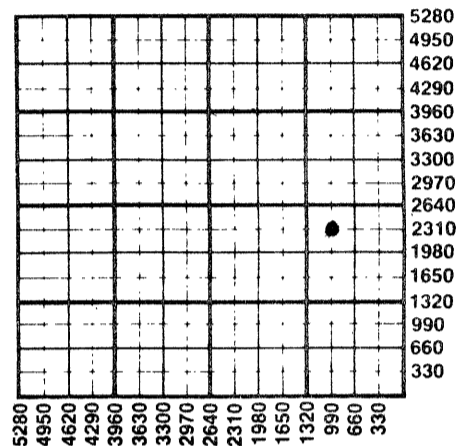
Lease Name M. Lewis Well # 1

Field Name D. J. H.

Producing Formation Lansing Kansas City

Elevation: Ground 2218 KB 2223

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: KELLER TAAK SERVICE
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 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.

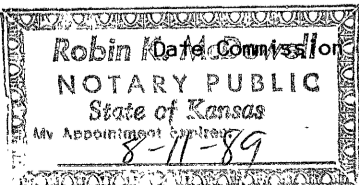
Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months. One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 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 *Kenneth Vehige*
Title President Date 12-30-85

Subscribed and sworn to before me this 30th day of December 1985
Notary Public *Robin K. McDowell*

Notary Commission Expires 8-11-89



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)

STATE CORPORATION COMMISSION

MAR 5 1986

CONSERVATION DIVISION
Wichita, Kansas
3-5-86

Form ACO-1 (7-84)

Sec 33 Twp 6 Rge 20 W

SIDE TWO

Operator Name Black Diamond Oil, Inc. Lease Name M Lewis Well # 1

Sec. 33 Twp. 6 Rge. 20 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

Interval Tested: 3478'-3520'
 Times: 30-30-30-30
 Recovery: 20' of drilling mud w/a few drops of oil on top of the test tool.
 SIP: 896-831 PSI.
 FP: 33-22 & 33-33 PSI.

DST #2

Interval Tested: 3587'-3642'
 Times: 45-45-45-45
 Recovery: 540' of gas in pipe, 240' of oil.
 SIP: 1091-1047 PSI.
 FP: 44-55 & 99-110 PSI

Name	Top	Bottom
Anhydrite	1809'	1841'
Topeka Limestone	3208'	-985'
Heebner Shale	3414'	-1191'
Toronto Limestone	3438'	-1215'
Lansing-K.C.	3451'	-1228'
Bs.-K.C.	3645'	-1422'
Arbuckle	3687'	-1464'
RTD	3694'	-1471'
LTD	3793'	-1470'

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	12 1/2	8 5/8	24	209	Common	185	60/40 poz
Production	7 7/8	4 1/2	10 1/2	3693.5	60/40 poz	200	5% Gilsonite, 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	
1	3637-3600, 3490			1500 gls. 15% INS. acid w/ poly-sol.		down 4 1/2' csg.	
4	3636-38, 3600-02, 3489-91			1250 gls. 15% mud acid; retreat w/		3490, 3600 & 3637	
				3000 gls. 15% demul. & flush			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
	Size	Set At	Packer at				
	2 3/8	3657	3663				
Date of First Production		Producing Method					
10/28/85		<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	
8		0	12	0	338		
		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