

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
..... Hays, Ks. 67601
City/State/Zip

Purchaser Koch Oil Company
PO Box 2256 Wichita Ks. 67201

Operator Contact Person Kenneth Vehige
Phone 913 625-5891

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

Wellsite Geologist Kenneth Vehige
Phone 913 625-5891

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover

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

If ONWO: old well info as follows:

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

WELL HISTORY

Drilling Method:

☐ Mud Rotary ☒ Air Rotary ☐ Cable

12/3/87 12/11/87 1/13/88
Spud Date Date Reached TD Completion Date

4327' 4301'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 210 feet

Multiple Stage Cementing Collar Used? ☒ Yes ☐ No

If yes, show depth set 2012 feet

If alternate 2 completion, cement circulated from 2012 feet depth to surface 215 cmt

Cement Company Name Allied Cementing

API NO. 15-063-21,172

County Gove

SW SE SE Sec. 25 Twp. 14 Rge. 30 East
X West

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

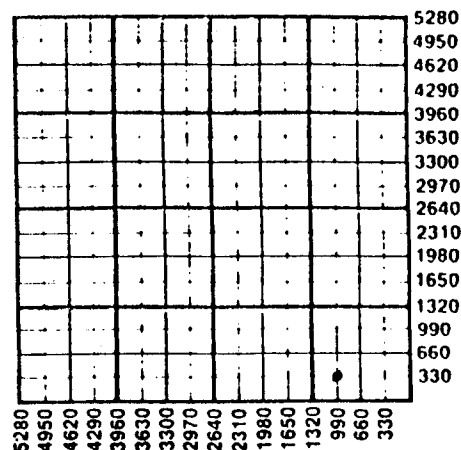
Lease Name Krug Well #. 1

Field Name

Producing Formation Fort. Scott Cherokee

Elevation: Ground 2627 KB 2632

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 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)

	Oil	Gas	Water	Gas-Oil Ratio	Gravity
Estimated Production Per 24 Hours	40 Bbls	0 MCF	2 Bbls	0 CFPB	37

METHOD OF COMPLETION

Production Interval

Disposition of gas: ☐ Vented
☐ Sold

☐ Open Hole ☒ Perforation
☐ Other (Specify)

Noted to regulate the oil and gas industry have

SIDE TWO

Operator NameBlack Diamond Oil, Inc..... Lease Name.....Krug.....Well #.....1...

Sec.....25..... Twp.....14..... Rge.....30..... ☐ East
☒ West County.....Gove.....

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 ~~06X16X~~ Datum

Anhydrite	2038'	+594
Heebner	3646'	-1014
Lansing-K.C.	3682'	-1050
Pawnee	4122'	-1490
Fort Scott	4186'	-1554
Mississippi	4290'	-1658
T.D.	4327'	

OST #1 3867'-3948', 45-45-45-45

Blow: 1st open: strong blow, 1/2" building to 10".

2nd open: good blow, 1" building to 7".

Recovery: 180' slightly oil and water cut mud

Pressures: IFP: 32, ISIP: 939, FFP: 89-109, FSIP: 912

OST #2 4092'-4125', 30-45-30-30-

Blow: 1st open: weak 1" decreasing blow.

2nd open: very weak blow.

Recovery: 10' of drilling mud with few oil specks.

Pressures: IFP: 33, ISIP: 44, FFP: 33, FSIP: 33

OST #3: 4170'-4,280', 30-30-30-30

Blow: 1st open: strong blow

2nd open: strong blow

Recovery: 1,000' gas in pipe, 52' oil specked mud,

188' heavy oil cut gassy mud. Pressures: IFP: 156, ISIP: 1056, FFP: 195, FSI: 1008

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	12 1/2"	8 5/8"	10.5	210	60/40 PDZ	145	3% CC/2% gel
Production	4 1/2"	4 1/2"		4332'	60/40 PDZ	200	10% salt/4% galnrite

PERFORATION RECORD

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2	4269-71		
2	4229-32	2250 gals. 15% NE	
2	4188-90	1250 gals. 15% NE	
1	4137-39, 4122-24, 4103-05	2500 gals. 15% NE	

TUBING RECORD	Size	Set At	Packer at	Liner Run	☐ Yes ☒ No
	2 3/8	4298	---		
Date of First Production	Producing Method	☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (explain).....			
1/31/88					