

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 Farmland Ind.
P. O. Box 7305, Kansas City, Mo.
64116

Operator Contact Person Kenneth Vehige
Phone 913 625-5891

Contractor: License # 9087
Name R. & C. Drilling
Hays, Ks. 67601

Wellsite Geologist Kenneth Vehige
Phone 913 625-5891

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

8/30/84 9/05/84 10/24/84
Spud Date Date Reached TD Completion Date
3729' PBT
Total Depth

Amount of Surface Pipe Set and Cemented at 256 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 1886 feet
If alternate 2 completion, cement circulated from feet depth to w/SX cmt

API NO. 15-163-22-449-0000

County Rooks

SW NW NW Sec. 29 Twp. 6 Rge. 20 East West

4290 Ft North from Southeast Corner of Section
4950 Ft West from Southeast Corner of Section

(Note: Locate well in section plat below)

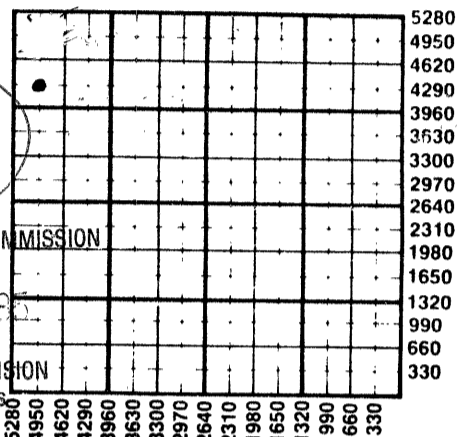
Lease Name Wyrill Well # 1

Field Name Todd S.W.

Producing Formation Arbuckle

Elevation: Ground 2258' KB 2263'

Section Plat



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Wichita, Kansas

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: Pond
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 4950 Ft North from Southeast Corner (Stream, pond etc) 1650 Ft West from Southeast Corner Sec 4 Twp 7 Rge 20 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 Date 1-21-85

Subscribed and sworn to before me this 21st day of January 1985

Notary Public Robin K. McDowell

Date Commission Expires 8-11-85

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)

Sec 23 Imp. Large 2002

SIDE TWO

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

Sec. 29 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

| Name | Top | Bottom (Subsea) |
|----------------|-------|-----------------|
| Anhydrite | 1864' | +399 |
| Bs. Anhydrite | 1896' | +367 |
| Topeka | 3244' | -981 |
| Oread | 3404' | -1141 |
| Heebner | 3451' | -1188 |
| Toronto | 3476' | -1213 |
| Lansing-K.C. | 3488' | -1225 |
| Bs. K.C. | 3682' | -1419 |
| Marmaton Lmst. | 3704' | -1441 |
| Conglomerate | 3719' | -1456 |
| Arbuckle | 3721' | -1458 |
| T.D. | 3729' | -1466 |

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 1/4" | 8 5/8" | 20# | 256' | Common | 170 | Quick Set |
| Production | 7 7/8" | 4 1/2" | 10.5# | 3725' | Commons | 250 | 3% oil, 10% salt 60/40 pz. 2% gel |

| Shots Per Foot | Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) | Depth |
|----------------|---|--|-------|
| 4 | 3567-69 | ATTACHED | |
| 4 | 3137-40 | | |
| 1 | 3546 & 3478 | | |
| 1 | 3638-3650 | | |

TUBING RECORD Size 2 3/8" Set At 3727 Packer at 3677 Liner Run Yes No

Date of First Production 10/24/84 Producing Method Flowing Pumping Gas Lift Other (explain).....

| Estimated Production Per 24 Hours | Oil | Gas | Water | Gas-Oil Ratio | Gravity |
|-----------------------------------|--------|---------|-------|---------------|---------|
| 60 Bbls | 0% MCF | 20 Bbls | CFPB | | 27° |

METHOD OF COMPLETION Production Interval

Disposition of gas: Vented Sold Used on Lease
 Open Hole Perforation Other (Specify) 3726
 Dually Completed Conningled 3742

OPERATOR Black Diamond Oil, Inc. LEASE NAME Wyrill SEC. 29 TWP. 6 RGE. 20

FILL IN WELL LOG AS REQUIRED:

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

| FORMATION DESCRIPTION, CONTENTS, ETC. | TOP | BOTTOM | NAME | DEPTH |
|---------------------------------------|-----|--------|------|-------|
| | | | | |

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CONSERVATION DIVISION
Wichita, Kansas

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

| Amount and kind of material used | Depth interval treated |
|---|------------------------|
| Squeeze w/ 200 sks. cement | 3567-69, 3546 & 3478 |
| 250 gls. 15% Mud Acid, retreat w/ 1000 gls. AOG-200; 15% deml. | 3138-41. |
| 750 gls. 15% mud acid | 3546-3478 |
| 750 gls. 15% mud acid | 3638-3650 |
| 300 gls. 15% INS acid, 400 gls. 15% INS | Open Hole |