

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 NONE

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
 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
9-15-85 Spud Date 9-19-85 Date Reached TD 9-20-85 Completion Date
3759' Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 208 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set feet
If alternate 2 completion, cement circulated from feet depth to w/SX cmt

API NO. 15-163-22-762-00-00
County Rooks
SE NW NE Sec. 31 Twp. 6 Rge. 20 East West

4290 Ft North from Southeast Corner of Section
1650 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

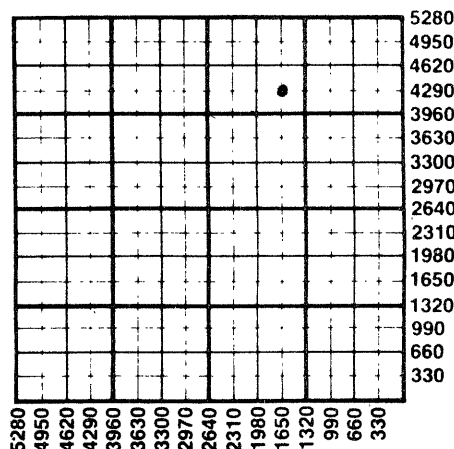
Lease Name Irwin Well # 1

Field Name Wildcat

Producing Formation NONE

Elevation: Ground 2262 KB 2267

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:
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 John Weis
Title Tool Pusher Date 9-23-85

Subscribed and sworn to before me this 23 day of Sept. 1985
Notary Public Karen Randa
Date Commission Expires 5-14-88



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)

DEC 2 1985 Form ACO-1 (7-84)
12-2-85
CONSERVATION DIVISION
Wichita, Kansas

Sec. 31 Twp. 6 Rge. 20E

SIDE TWO

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

Sec. 31 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 3529-3570

Blow: 1st: good surge, no blow
 2nd: no blow
 Recovery: 5' drilling mud w/a few specks of oil
 Pressures: IF: 44# in 30 min., ISI: 44# in 30 min.
 FF: 33# in 10 min., FSI: none

DST #2 3640-3695

Blow: 1st: very weak, 2nd: none
 Recovery: 5' drilling mud w/specks of oil
 Pressures: IF: 66# in 45 min., ISI: 99# in 45 min.
 FF: 66# in 10 min., FSI: none

DST #3 3726-3758

Blow: 1st: very weak, 2nd: no blow Pressures: IF: 44# in 45 min., ISI: 44# in 45 min.
 Recovery: 5' drilling mud FF: 33# in 20 min., FSI: none

| Name | Top | Sub-Sea Datum |
|------------------|-------|---------------|
| Anhydrite | 1870' | +397 |
| Bs. Anhydrite | 1904' | +363 |
| Topeka | 3265' | -998 |
| Heebner | -1203 | -1195 |
| Toronto | 3490' | -1223 |
| Lansing-K.C. | 3504' | -1237 |
| Bs. K.C. | 3700' | -1433 |
| Marmaton | 3725' | -1458 |
| Conglomerate Sd. | none | none |
| Arbuckle | none | -1488 |
| RTD | none | -1490 |
| TD (log) | 3757' | -1490 |

| 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" | 8 5/8" | 24 | 20' | Common | 165 | |
| 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)..... | | | | | |
| Estimated Production Per 24 Hours | Oil | Gas | Water | Gas-Oil Ratio | Gravity | | |
| | 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