

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION  
ACO-1 WELL HISTORY  
DESCRIPTION OF WELL AND LEASE

Operator: License # 7076  
Name: Black Diamond Oil, Inc.  
Address P.O. Box 641  
  
City/State/Zip Hays, Kansas 67601  
Purchaser: \_\_\_\_\_  
Operator Contact Person: Kenneth Vehige  
Phone (913) 625-5891  
Contractor: Name: Discovery Drilling, Inc.  
License: 31548  
Wellsite Geologist: Kenneth Vehige

Designate Type of Completion  
 New Well \_\_\_\_\_ Re-Entry \_\_\_\_\_ Workover \_\_\_\_\_  
\_\_\_\_ Oil \_\_\_\_\_ SWD \_\_\_\_\_ SLOW \_\_\_\_\_ Temp. Abd.  
\_\_\_\_ Gas \_\_\_\_\_ ENHR \_\_\_\_\_ SIGW \_\_\_\_\_  
 Dry \_\_\_\_\_ Other (Core, WSW, Expl., Cathodic, etc)

If Workover:  
Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_  
\_\_\_\_ Deepening \_\_\_\_\_ Re-perf. \_\_\_\_\_ Conv. to Inj/SWD  
\_\_\_\_ Plug Back \_\_\_\_\_ PBID \_\_\_\_\_  
\_\_\_\_ Commingled \_\_\_\_\_ Docket No. \_\_\_\_\_  
\_\_\_\_ Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_  
\_\_\_\_ Other (SWD or Inj?) \_\_\_\_\_ Docket No. \_\_\_\_\_  
2/5/96                      2/12/96                      2/13/96  
Spud Date                      Date Reached ID                      Completion Date

API NO. 15- 135-23921-0000  
County Ness  
-NE -SE -NE Sec. 4 Twp. 20s Rge. 24  <sup>E</sup>  
3555 Feet from  N (circle one) Line of Section  
330 Feet from  W (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
NE,  SE, NW or SW (circle one)  
Lease Name Lundy "A" Well # 1  
Field Name Hair **ORIGINAL**  
Producing Formation None  
Elevation: Ground 2325 KB 2333  
Total Depth 4434 PBID \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at 218.03 Feet  
Multiple Stage Cementing Collar Used? \_\_\_\_\_ Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from \_\_\_\_\_  
feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ BX cmt.  
Drilling Fluid Management Plan D+A 6-17-96  
(Data must be collected from the Reserve Pit) PL  
Chloride content 19,000 ppm fluid volume 2500 bbls  
Dewatering method used Evaporation  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name \_\_\_\_\_  
Lease Name \_\_\_\_\_ License No. \_\_\_\_\_  
\_\_\_\_ Quarter Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S Rng. \_\_\_\_\_ E/W  
County \_\_\_\_\_ Docket No. \_\_\_\_\_

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 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 geologist well report shall be attached with this form. All CEEMING TICKETS MUST BE ATTACHED. 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 [Signature]  
Title Owner/Operator Date 5-1-96  
Subscribed and sworn to before me this 1st day of May, 1996.  
Notary Public [Signature]  
Date Commission Expires 7-18-99

| K.C.C. OFFICE USE ONLY              |                                    |                                 |
|-------------------------------------|------------------------------------|---------------------------------|
| <input type="checkbox"/>            | Letter of Confidentiality Attached |                                 |
| <input type="checkbox"/>            | Wireline Log Received              |                                 |
| <input type="checkbox"/>            | Geologist Report Received          |                                 |
| Distribution                        |                                    |                                 |
| <input checked="" type="checkbox"/> | KCC                                | <input type="checkbox"/> SW/Rep |
| <input type="checkbox"/>            | KGS                                | <input type="checkbox"/> Plug   |
|                                     |                                    | <input type="checkbox"/> NGPA   |
|                                     |                                    | <input type="checkbox"/> Other  |
|                                     |                                    | (Specify)                       |
| <b>RECEIVED</b>                     |                                    |                                 |
| KANSAS CORPORATION COMMISSION       |                                    |                                 |
| Form ACU-1 (7-91)                   |                                    |                                 |

VERDA M. BRIN  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appt. Exp. 7-18-99

MAY 15 1996

CONSERVATION DIVISION  
WICHITA, KS

Operator Name Black Diamond Oil, Inc.

Lease Name Lundy "A"

Well # 1

Sec. 4 Twp. 20s Rge. 24  
 East  West

County Ness

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 (Attach Additional Sheets.)  Yes  No

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run (Submit Copy.)  Yes  No

List All E.Logs Run:

Log Formation (Top), Depth and Datum  Sample

Name Top Datum

**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 Pipe      | 12 1/4            | 8 5/8                     | 23              | 218.03        | 60/40Poz       | 135          | 2%Gel&3%CC                 |
|                   |                   |                           |                 |               |                |              |                            |
|                   |                   |                           |                 |               |                |              |                            |

**ADDITIONAL CEMENTING/SQUEEZE RECORD**

| Purpose:       | Depth Top Bottom | Type of Cement | #Sacks Used | Type and Percent Additives |
|----------------|------------------|----------------|-------------|----------------------------|
| Perforate      |                  |                |             |                            |
| Protect Casing |                  |                |             |                            |
| Plug Back TD   |                  |                |             |                            |
| Plug Off Zone  |                  |                |             |                            |

| Shots Per foot | PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth |
|----------------|--|--|
|                |  |  |
|                |  |  |
|                |  |  |

**TUBING RECORD** Size Set At Packer At Liner Run  Yes  No

Date of First, Resumed Production, SWD or Inj. Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

| Estimated Production Per 24 Hours | Oil Bbls. | Gas Mcf | Water Bbls. | Gas-Dil Ratio | Gravity |
|-----------------------------------|-----------|---------|-------------|---------------|---------|
|                                   |           |         |             |               |         |

Disposition of Gas:  Vented  Sold  Used on Lease (if vented, submit ACO-18.)

**METHOD OF COMPLETION**

Open Hole  Perf.  Dually Comp.  Commingled

Other (Specify) \_\_\_\_\_

Production Interval \_\_\_\_\_

15-135-23921-0000

# ALLIED CEMENTING CO., INC.

2972

REMIT TO: P.O. BOX 31  
RUSSELL, KANSAS 67665

ORIGINAL

SERVICE POINT:

Neosho City

|                     |                 |                                  |                 |                           |                             |                          |                           |
|---------------------|-----------------|----------------------------------|-----------------|---------------------------|-----------------------------|--------------------------|---------------------------|
| DATE <u>2-5-96</u>  | SEC. <u>4</u>   | TWP. <u>20</u>                   | RANGE <u>24</u> | CALLED OUT <u>8:30 PM</u> | ON LOCATION <u>11:00 PM</u> | JOB START <u>1:00 AM</u> | JOB FINISH <u>1:30 AM</u> |
| LEASE <u>Andy A</u> | WELL # <u>1</u> | LOCATION <u>Neos 75-4W-Santa</u> |                 |                           | COUNTY <u>Neos</u>          | STATE <u>KS</u>          |                           |

OLD OR NEW (Circle one) NEW

CONTRACTOR Discovery

TYPE OF JOB Surface

HOLE SIZE 8 1/2" 23" T.D. 220

CASING SIZE 8 1/2" 23" DEPTH 218

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSG. 15'

PERFS. \_\_\_\_\_

OWNER Same

CEMENT

AMOUNT ORDERED 13560/40 <sup>90% gel 90</sup> ~~23~~ 300

|          |            |   |              |                  |
|----------|------------|---|--------------|------------------|
| COMMON   | <u>81</u>  | @ | <u>6.10</u>  | <u>494.10</u>    |
| POZMIX   | <u>54</u>  | @ | <u>3.15</u>  | <u>170.10</u>    |
| GEL      | <u>2</u>   | @ | <u>9.50</u>  | <u>19.00</u>     |
| CHLORIDE | <u>4</u>   | @ | <u>28.00</u> | <u>112.00</u>    |
|          |            | @ |              |                  |
|          |            | @ |              |                  |
|          |            | @ |              |                  |
|          |            | @ |              |                  |
|          |            | @ |              |                  |
| HANDLING | <u>135</u> | @ | <u>1.05</u>  | <u>141.75</u>    |
| MILEAGE  | <u>11</u>  |   | <u>7.27</u>  | <u>80.00</u>     |
| TOTAL    |            |   |              | <u>\$1016.95</u> |

EQUIPMENT

PUMP TRUCK CEMENTER Mike

# 224 HELPER Bob

BULK TRUCK

# 116 DRIVER Bill

BULK TRUCK

# \_\_\_\_\_ DRIVER \_\_\_\_\_

REMARKS:

Ran 218' used 8 1/2" 23" casing. Bore circulation with 1355 lbs 60/40 253. Displaced with 129 BBLs fresh 1/2 cement and insulator

SERVICE

|                   |                           |   |                           |
|-------------------|---------------------------|---|---------------------------|
| DEPTH OF JOB      | <u>218</u>                |   |                           |
| PUMP TRUCK CHARGE |                           |   | <u>445.00</u>             |
| EXTRA FOOTAGE     |                           | @ |                           |
| MILEAGE           | <u>11</u>                 | @ | <u>2.35</u> <u>25.85</u>  |
| PLUG              | <u>8 1/2" wooden Plug</u> | @ | <u>45.00</u> <u>45.00</u> |
|                   |                           | @ |                           |
|                   |                           | @ |                           |

CHARGE TO: Black Diamond Oil

STREET 90 Box 641

CITY HAYS STATE Ks ZIP 67601

RECEIVED KANSAS COMPTROLLER'S COMMISSION

TOTAL \$ 515.85

MAY 15 1996

EQUIPMENT

|                       |   |  |
|-----------------------|---|--|
| CONSERVATION DIVISION | @ |  |
| WATERWORKS            | @ |  |
|                       | @ |  |
|                       | @ |  |
|                       | @ |  |

Thank you Allied Cementing

Mike, Bob, Bill

TOTAL \_\_\_\_\_

TAX \$ 1532.80

To Allied Cementing Co., Inc.  
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TOTAL CHARGE \$ 1407.97

DISCOUNT \$ 306.56 IF PAID IN 30 DAYS

SIGNATURE Tom

Net \$ 1301.41

# ALLIED CEMENTING CO., INC.

ORIGINAL

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:

Neosho City

|                     |                 |                                  |                 |                            |                            |                          |                           |
|---------------------|-----------------|----------------------------------|-----------------|----------------------------|----------------------------|--------------------------|---------------------------|
| DATE <u>2-13-96</u> | SEC <u>4</u>    | TWP. <u>20</u>                   | RANGE <u>24</u> | CALLED OUT <u>11:30 PM</u> | ON LOCATION <u>2:01 AM</u> | JOB START <u>6:10 AM</u> | JOB FINISH <u>6:30 AM</u> |
| LEASE <u>Lucy A</u> | WELL # <u>1</u> | LOCATION <u>Acas 75-4W-Santo</u> |                 |                            | COUNTY <u>Neos</u>         | STATE <u>KS</u>          |                           |

OLD OR NEW (Circle one)

CONTRACTOR Discovery

TYPE OF JOB R Plug

HOLE SIZE 7 7/8" T.D.

CASING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE 4 1/2" DEPTH \_\_\_\_\_

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSG. \_\_\_\_\_

PERFS. \_\_\_\_\_

OWNER Same

CEMENT

AMOUNT ORDERED 205 SKs 60/4067, 10 Seal per SK

|                     |            |   |             |               |
|---------------------|------------|---|-------------|---------------|
| COMMON              | <u>123</u> | @ | <u>6.10</u> | <u>750.30</u> |
| POZMIX              | <u>82</u>  | @ | <u>3.15</u> | <u>258.30</u> |
| GEL                 | <u>11</u>  | @ | <u>9.50</u> | <u>104.50</u> |
| CHLORIDE            |            | @ |             |               |
| <u>Flo Seal 51#</u> |            | @ | <u>1.15</u> | <u>58.65</u>  |
|                     |            | @ |             |               |
|                     |            | @ |             |               |
|                     |            | @ |             |               |
|                     |            | @ |             |               |
| HANDLING            | <u>205</u> | @ | <u>1.05</u> | <u>215.25</u> |
| MILEAGE             | <u>11</u>  |   |             | <u>90.20</u>  |

TOTAL \$ 1477.20

### EQUIPMENT

PUMP TRUCK CEMENTER Mike

# 224 HELPER Bob

BULK TRUCK

# 199 DRIVER B. 11

BULK TRUCK

# \_\_\_\_\_ DRIVER \_\_\_\_\_

### REMARKS:

1st Plug at 1640' w/ 50 SKs

2nd Plug at 800' w/ 80 SKs

3rd Plug at 250' w/ 40 SKs

4th Plug at 40' w/ 10 SKs

10 SKs More Holes 15 SKs Put Hole

### SERVICE

|                       |              |   |               |
|-----------------------|--------------|---|---------------|
| DEPTH OF JOB          | <u>1640'</u> |   |               |
| PUMP TRUCK CHARGE     |              |   | <u>445.00</u> |
| EXTRA FOOTAGE         |              | @ |               |
| MILEAGE               | <u>11</u>    | @ | <u>25.85</u>  |
| PLUG <u>Hole Plug</u> |              | @ | <u>23.00</u>  |
| <u>Dry</u>            |              | @ |               |

RECEIVED  
KANSAS CORPORATION COMMISSION

TOTAL \$ 493.85

CHARGE TO: Black Diamond Oil

STREET PO Box 641

CITY Hayes STATE Ko ZIP 67601

MAY 15 1996

### FLOAT EQUIPMENT

CONSERVATION DIVISION  
WICHITA, KS

|  |   |  |
|--|---|--|
|  | @ |  |
|  | @ |  |
|  | @ |  |
|  | @ |  |
|  | @ |  |

TOTAL \_\_\_\_\_

To Allied Cementing Co., Inc.  
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX -0-

TOTAL CHARGE \$ 1971.05

DISCOUNT \$ 394.21 IF PAID IN 30 DAYS

Net \$ 1576.84

SIGNATURE Tom A