

ORIGINAL

SIDE ONE

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

Operator: License # 30407
Name: Black Petroleum Company
Address P.O. Box 12922
Wichita, Kansas 67277
Purchaser: Farmland Industries Inc.
Operator Contact Person: Thomas E. Black
Phone (316) 942-2741

Contractor: Name: White & Ellis Drilling Co.
License: 5420
Wellsite Geologist: H. Marvin Douglas

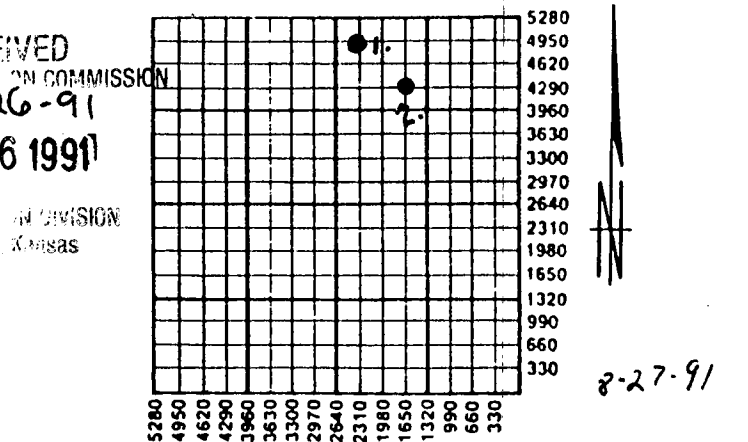
Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp. Abd.
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply, etc.)

If OWO: old well info as follows:
Operator: _____
Well Name: _____
Comp. Date _____ Old Total Depth _____

Drilling Method:
 Mud Rotary Air Rotary Cable

6/3/91 6/12/91 6/28/91
Spud Date Date Reached TD Completion Date

API NO. 15- 193-20,559-0000
County Thomas
100' NE of SE₁ Sec. NW NE Twp. 10s Rge. 32 XX East West
4360 Ft. North from Southeast Corner of Section
1580 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)
Lease Name Albers "A" Well # 2
Field Name Albers
Producing Formation Lansing-KC "L" Zone
Elevation: Ground 3080' KB 3085'
Total Depth 4731' RTD PBD _____



Amount of Surface Pipe Set and Cemented at 375' set at _____ Feet
380' w/190 sx 60/40 poz 3% gel 2% cc
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 2611' Feet
If Alternate II completion, cement circulated from 2611'
feet depth to 0 380' w/ 575 430 sx cmt.

RECEIVED
ON COMMISSION
8-26-91
AUG 26 1991
DIVISION
Kansas

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 Thomas E. Black
Title President Date 8/21/91
Subscribed and sworn to before me this 21 day of August,
19 91.
Notary Public Martha C. Nussbaum
Martha C. Nussbaum
Date Commission Expires 2-19-94

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)



SIDE TWO

Operator Name Black Petroleum Company Lease Name Albers "A" Well # 2
 100' NE of SE NW NE East County Thomas
 Sec. 1 Twp. 10s Rge. 32w West

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
 (Attach Additional Sheets.)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
 (Submit Copy.)

SEE ATTACHED SHEET

Formation Description

Log Sample

Name Top Bottom

SEE ATTACHED SHEET

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 |
|--|-------------------|---------------------------|-----------------|---------------|----------------|--------------|----------------------------|
| NEW Used Surface Casing Production | 12 1/4" | 8 5/8" | 20# | 380' | 60/40 Poz | 190 | 3% gel 2% cc |
| | 7 7/8" | 4 1/2" | 10.5# | 4728' | 1st stage | 150 sacks | ASC |
| | | | | | 2nd stage | 425 | light cement |

| Shots Per Foot | PERFORATION RECORD Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth |
|----------------|---|---|
| 2 | "I" zone 4364'-4369' | 15% MCA Acid |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

TUBING RECORD Size 2 3/8" Set At _____ Packer At _____
 Liner Run Yes No

Date of First Production June 28, 1991 Producing Method Flowing Pumping Gas Lift Other (Explain)

| Estimated Production Per 24 Hours | Oil Bbls. | Gas Mcf | Water Bbls. | Gas-Oil Ratio | Gravity |
|-----------------------------------|-----------|---------|-------------|---------------|---------|
| | 107 | | 1 | | 39° |

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

METHOD OF COMPLETION Production Interval

Open Hole Perforation Dually Completed Commingled

Other (Specify) _____

15-193-20559-0000

Black Petroleum Company
Albers "A" #2
100' NE of SE NW NE Sec. 1-10s-32w
Thomas County, Kansas

DST #1 4353-4386'

Opens 45" -60" 45" - 90"

1st Open: Weak blow building to strong blow. Bottom of bucket in 30:

2nd Open: Weak blow building to strong blow. Bottom of bucket in 25"

RECOVERY: 350' gas in pipe

75' fluid (15' HOCM (5% gas, 40% oil, 55% mud)

(60' HOCM (30% gas, 35% oil, 35% mud)

IFP 33-33 FFP 44-44

ISIP 322# FSIP 322#

BHT 120°

SAMPLE TOPS

| | | |
|--------------------|-------|-------|
| Anhydrite Top | 2641' | + 444 |
| Anhydrite Base | 2672' | + 413 |
| Waubanunsee | 3616' | |
| Stotler-Tariko | 3710' | |
| Topeka | 3848' | |
| King Hill | 3952' | |
| Queen Hill | 4014' | |
| Heebner Shale | 4062' | - 977 |
| Toronto | 4087' | -1002 |
| Lansing | 4107' | -1022 |
| Muncie Creek Shale | 4236' | -1151 |
| Stark Shale | 4319' | -1234 |
| Hush Puckney Shale | 4354' | -1269 |
| "L" Zone | 4362' | -1277 |
| BKC | 4381' | -1296 |
| Pleaston Lime | 4407' | -1322 |
| Marmaton | 4430' | -1345 |
| Pawnee | 4510' | -1425 |
| Myrick Station | 4552' | -1467 |
| Ft. Scott | 4573' | -1488 |
| Cherokee Shale | 4604' | -1519 |
| Johnson | 4648' | -1563 |

RECEIVED
STATE CORPORATION COMMISSION

AUG 26 1991

CONCORDIA UNIVERSITY
Wichita, Kansas

ALLIED CEMENTING CO., INC.

No 2198

Home Office P. O. Box 31

Russell, Kansas 67665

New

| | | | | | | | |
|---|----------------------|----------------------------------|-----------------|---|------------------|--------------------------|-----------------------|
| Date <i>6-12-91</i> | Sec. <i>1</i> | Twp. <i>10</i> | Range <i>32</i> | Called Out | On Location | Job Start <i>9:00 AM</i> | Finish <i>9:30 AM</i> |
| Lease <i>Albers - A</i> | Well No. <i>2</i> | Location <i>Oakley West I-70</i> | | County <i>Thomas</i> | State <i>Kan</i> | | |
| Contractor <i>White & Ellis Dr's</i> | | | | Owner <i>2N 15E 45</i> | | | |
| Type Job <i>Production String (2 stage)</i> | | | | 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 listed. | | | |
| Hole Size <i>7 7/8</i> | T.D. <i>4731</i> | | | | | | |
| Csg. <i>4 1/2</i> | Depth <i>4728</i> | | | | | | |
| Tbg. Size | Depth | | | | | | |
| Drill Pipe | Depth | | | | | | |
| Tool <i>Baker</i> | Depth <i>2613</i> | | | | | | |
| Cement Left in Csg. | Shoe Joint <i>40</i> | | | | | | |
| Press Max. | Minimum | | | | | | |
| Meas Line <input checked="" type="checkbox"/> | Displace | | | | | | |
| Perf. | | | | | | | |

EQUIPMENT

| | | |
|--------------------|----------|--------------------|
| No. | Cementor | <i>Bell</i> |
| Pumptrk <i>153</i> | Helper | |
| No. | Cementor | <i>Dave Jewell</i> |
| Pumptrk | Helper | |
| | Driver | <i>Laurance</i> |
| Bulktrk <i>218</i> | Driver | |

| | | |
|--------------------|-------------------------|-----------------|
| Purchase Order No. | | |
| X <i>Dep. Murt</i> | | |
| Amount Ordered | <i>500 WFR-2 CEMENT</i> | <i>576.1</i> |
| Consisting of | <i>150 ASC</i> | <i>2 8.10</i> |
| Chloride | <i>6150</i> | <i>2 33¢</i> |
| Quickset | <i>500 gal - WFR-2</i> | <i>2 50¢</i> |
| Handling | <i>1.00 per SK</i> | <i>150.00</i> |
| Mileage | <i>4¢ per SK/mile</i> | <i>60.00</i> |
| 10 miles | | |
| Sub Total | | |
| Total | | <i>1,907.60</i> |

| | |
|--------------|--------------------------|
| DEPTH of Job | |
| Reference: | <i>Pump truck charge</i> |
| | <i>2.00 per mile</i> |
| | <i>880.00</i> |
| | <i>20.00</i> |
| Sub Total | |
| Tax | |
| Total | <i>900.00</i> |

Remarks: *Flood Held*

Floating Equipment

RECEIVED
STATE CORPORATION COMMISSION

AUG 26 1991

CONSERVATION DIVISION
Wichita, Kansas

ORIGINAL

No 2199

ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

New

| | | | | | | | |
|-----------------------------|----------|-------------------|-------|-------------|-------------|-----------|---------|
| Date | Sec. | Twp. | Range | Called Out | On Location | Job Start | Finish |
| 6-12-91 | 1 | 10 | 32 | | | | 1:45 PM |
| Lease | Well No. | Location | | County | State | | |
| Albers A- | 2 | Cobley 2 Exit E70 | | Thomas | KS | | |
| Contractor | | | | Owner | | | |
| White & Ellis Dng | | | | 2N 1E E 4 S | | | |
| Type Job | | | | | | | |
| production string (2 stage) | | | | | | | |
| Hole Size | | T.D. | | | | | |
| 7 7/8 | | 4731 | | | | | |
| Csg. | | Depth | | | | | |
| 4 1/2 | | 4728 | | | | | |
| Tbg. Size | | Depth | | | | | |
| | | | | | | | |
| Drill Pipe | | Depth | | | | | |
| | | | | | | | |
| Tool | | Depth | | | | | |
| Baker | | 2615 | | | | | |
| Cement Left in Csg. | | Shoe Joint | | | | | |
| | | | | | | | |
| Press Max. | | Minimum | | | | | |
| | | | | | | | |
| Meas Line | | Displace | | | | | |
| | | | | | | | |
| Perf. | | | | | | | |

EQUIPMENT

| | | |
|-------------|----------|-------------|
| No. | Cementer | <i>Bill</i> |
| Pumptrk 153 | Helper | |
| No. | Cementer | <i>Dave</i> |
| Pumptrk 146 | Helper | |
| Bulktrk 160 | Driver | <i>Paul</i> |
| Bulktrk | Driver | |

| | | |
|--------------|---------------------|-------------------|
| DEPTH of Job | | |
| Reference: | | 475 ⁰⁰ |
| | <i>Pump trk Chg</i> | |
| | | |
| | Sub Total | |
| | Tax | |
| | Total | 475 ⁰⁰ |

Remarks: *plug backhole w/c 15sk*

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 listed.

Charge To *Black Petroleum Co*
 Street *650 Westdale Dr #218, P.O. Box 129*
 City *Wichita* State *Kan 67227*

The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No.
 X *Don Hunt*

CEMENT

| | | |
|------------------------|--------------------------------|---------------------------|
| Amount Ordered | <i>550 Light 1/4" Flo Seal</i> | |
| Consisting of | <i>used</i> | |
| Cement Life | <i>- 430 sks @ 5.10</i> | <i>2,193⁰⁰</i> |
| Poz. Mix | | |
| Gel. | | |
| Chloride | | |
| Quickset | <i>108 lbs Flo-Seal @ 1.00</i> | <i>108⁰⁰</i> |
| | Sales Tax | |
| Handling | <i>1.00 per sk</i> | <i>430⁰⁰</i> |
| Mileage | <i>4¢ per sk/mile</i> | <i>172⁰⁰</i> |
| | Sub Total | |
| | Total | <i>2,903⁰⁰</i> |

Floating Equipment

Cement Did Cir.

RECEIVED
 STATE CORPORATION COMMISSION

AUG 26 1991

ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

No 2191

New

| | | | | | | | |
|--|---------------------|-------------------------------------|-----------------|---|-------------|--------------------------|-----------------------|
| Date <i>6-4-91</i> | Sec. <i>1</i> | fwp. <i>10</i> | Range <i>32</i> | Called Out | On Location | Job Start <i>6:10 AM</i> | Finish <i>6:30 AM</i> |
| Lease <i>Albers</i> | Well No. <i>A-2</i> | Location <i>Oakley West on I-70</i> | | County <i>Thomas</i> | | State <i>Ks</i> | |
| Contractor <i>White & Ellis Drlg</i> | | | | Owner <i>2 N I E K S</i> | | | |
| Type Job <i>Surface</i> | | | | 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 listed. | | | |
| Hole Size <i>12 1/4</i> | | T.D. <i>382</i> | | Charge To <i>Black Petroleum Company</i> | | | |
| Csg. <i>8 1/2</i> | | Depth <i>380</i> | | Street <i>P.O. Box 12722</i> | | | |
| Tbg. Size | | Depth | | City <i>Wichita</i> State <i>Ks 67277</i> | | | |
| Drill Pipe | | Depth | | The above was done to satisfaction and supervision of owner agent or contractor. | | | |
| Tool | | Depth | | Purchase Order No. | | | |
| Cement Left in Csg. <i>10 1/2</i> | | Shoe Joint | | <i>X George Adelhardt</i> | | | |
| Press Max. | | Minimum | | CEMENT | | | |
| Meas Line <i>✓</i> | | Displace | | Amount Ordered <i>190⁶⁰ 3% CC 2% gel</i> | | | |
| Perf. | | | | Consisting of | | | |

EQUIPMENT

| | | |
|--------------------|----------|--------------------|
| No. | Cementor | <i>Dave Jessel</i> |
| Pumptrk <i>153</i> | Helper | |
| No. | Cementor | <i>Mark</i> |
| Pumptrk | Helper | |
| <i>146</i> | Driver | |
| Bulktrk | Driver | |

| | |
|--------------------------|---------------|
| DEPTH of Job | |
| Reference: | |
| <i>Pump trk cly</i> | <i>380 10</i> |
| <i>20 per mile</i> | <i>20 10</i> |
| <i>8 1/2 wooden plug</i> | <i>42 10</i> |
| Sub Total | |
| Tax | |
| Total | <i>442 00</i> |

Remarks: *Cement Cir*

| | | |
|-----------|-----------------------|----------------|
| Common | <i>114 0 5 25</i> | <i>598 50</i> |
| Poz. Mix | <i>76 0 2 25</i> | <i>171 00</i> |
| Gel. | <i>3 0 0 N/C</i> | <i>N/C</i> |
| Chloride | <i>5 0 0 21 00</i> | <i>105 00</i> |
| Quickset | | |
| Sales Tax | | |
| Handling | <i>@ 100 ea</i> | <i>190 00</i> |
| Mileage | <i>4¢ / SK / MILE</i> | <i>76 00</i> |
| <i>10</i> | | |
| Sub Total | | |
| Total | | <i>1140 50</i> |

Floating Equipment

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AUG 26 1991

CONSERVATION DIVISION
 Wichita, Kansas