

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

ORIGINAL

Operator: License # 30915
Name: Richfield Gas Storage System
Address 4200 E. Skelly Dr.
Suite 1000
City/State/Zip Tulsa, OK 74135

Purchaser: _____

Operator Contact Person: Robert L. Hull

Phone (918)747-7000

Contractor: Name: Zenith Drlg Co.

License: Unknown

Wellsite Geologist: Harold Frauli

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD SIGW Temp. Abd.

Gas ENHR SIGW

Dry Other (Core, WSW, Expl., Cathodic, etc)

Gas Storage

If Workover/Re-Entry: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD

Plug Back PBSD

Comingled Docket No. _____

Dual Completion Docket No. _____

Other (SWD or Inj?) Docket No. _____

5/4/93 5/12/93 7/13/93
Spud Date Date Reached TD Completion Date

API NO. 15- 129-21173-0000

County: MORROW

SE SE SE Sec. 2 Twp. 32S Rgo. 42 E
X W

330 Feet from (S)M (circle one) Line of Section

330 Feet from (E)W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, (SE), NW or SW (circle one)

Lease Name Boekhaus Well # 1-2

Field Name Richfield West

Producing Formation MORROW

Elevation: Ground 3464' KB 3476'

Total Depth 5200' PBSD 5146'

Amount of Surface Pipe Set and Cemented at 1460 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 3059 Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

Chloride content 5900 ppm Fluid volume 300 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, 200 Colorado Derby Building, 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 CEMENTING 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 Robert L. Hull

Title Vice President, Operations Date 8/12/93

Subscribed and sworn to before me this 13th day of August 19 93.

Notary Public Kim M. Miller

Date Commission Expires 9-11-96

| | | | |
|-------------------------------------|-------------------------------------|------------------------------------|--------------------------------|
| K.C.C. OFFICE USE ONLY | | | |
| F | <input checked="" type="checkbox"/> | Letter of Confidentiality Attached | |
| C | <input checked="" type="checkbox"/> | Wireline Log Received | |
| C | <input type="checkbox"/> | Geologist Report Received | |
| AUG 16 1993 | | | |
| Distribution | | | |
| <input checked="" type="checkbox"/> | KCC | <input type="checkbox"/> SWD/Rep | <input type="checkbox"/> NGPA |
| <input type="checkbox"/> | KGS | <input type="checkbox"/> Plug | <input type="checkbox"/> Other |
| (Specify) | | | |

Operator Name Richfield Gas Storage System Lease Name Boekhaus Well # 1-2

Sec. 2 Twp. 32S Rge. 42
 East
 West

County Morton

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.) | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <input checked="" type="checkbox"/> Log | Formation (Top), Depth and Datums | <input type="checkbox"/> Sample |
| Samples Sent to Geological Survey | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Name | Top | Datum |
| Cores Taken | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Morrow Shale | 4633' | -1157 |
| Electric Log Run (Submit Copy.) | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Morrow G-1 Sand | 4883' | -1407 |
| List All E.Logs Run: | | Morrow G-2 Sand | 4940' | -1464 |
| | | Morrow Keyes Sand | 5023' | -1547 |
| | | Miss. Chester Ls. | 5130' | -1654 |

| CASING RECORD <input checked="" type="checkbox"/> Now <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 1/4" | 9 5/8" | 36# | 1460' | Lite+"C" | 360+150 | 2% CaCl2 |
| Production | 8 3/4" | 7" | 23# | 5190 | Thixset+"C" | 130+75 | 2% CaCl2 |

| ADDITIONAL CEMENTING/SQUEEZE RECORD | | | | |
|---|------------------|----------------|-------------|----------------------------|
| Purpose: | Depth Top Bottom | Type of Cement | #Sacks Used | Type and Percent Additives |
| <input type="checkbox"/> Perforate | | | | |
| <input type="checkbox"/> Protect Casing | | | | |
| <input type="checkbox"/> Plug Back TD | | | | |
| <input type="checkbox"/> Plug Off Zone | | | | |

| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type | | Acid, Fracture, Shot, Cement Squeeze Record | |
|----------------|---|--|---|-------|
| | Specify Footage of Each Interval Perforated | | (Amount and Kind of Material Used) | Depth |
| 8 | G-2, 4947'-64' & 4973'-84' | | 2000 gal 15% FE acid | |
| 8 | Keyes, 5024'-50' & 5058'-64' | | 2000 gal 15% FE acid | |

| | | | | |
|---------------|-------------|--------------|-----------------|---|
| TUBING RECORD | Size 3 1/2" | Set At 5001' | Packer At 5001' | Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
|---------------|-------------|--------------|-----------------|---|

Date of First, Resumed Production, SWD or Inj. 7/19/93 Producing Method Flowing Pumping Gas Lift gas injection Other (Explain)

| | | | | | |
|-----------------------------------|-----------|-------------|-------------|---------------|---------|
| Estimated Production Per 24 Hours | Oil Bbls. | Gas Mcf | Water Bbls. | Gas-Oil Ratio | Gravity |
| <u>inj.</u> | | <u>2200</u> | | | |

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: 4947'-84'
5024'-64'

ORIGINAL

HALLIBURTON SERVICES

REMIT TO: P.O. BOX 951046 DALLAS, TX 75395-1046

INVOICE

A Halliburton Company

| INVOICE NO. | DATE |
|-------------|------------|
| 345346 | 05/05/1993 |

| WELL LEASE NO./PLANT NAME | WELL/PLANT LOCATION | STATE | WELL/PLANT OWNER | | |
|---------------------------|---------------------|-----------------------|----------------------|---------------|--------|
| BOEKALUS 1-2 | MORTON | KS | SAME | | |
| SERVICE LOCATION | CONTRACTOR | JOB PURPOSE | TICKET DATE | | |
| LIBERAL | ZENITH | CEMENT SURFACE CASING | 05/05/1993 | | |
| ACCT. NO. | CUSTOMER AGENT | VENDOR NO. | CUSTOMER P.O. NUMBER | SHIPPED VIA | FILE # |
| 664356 | H. FRAULI | | | COMPANY TRUCK | 503 |

RECEIVED PANDA RESOURCES INC.

PANADA EXPLORATION, INC. 4200 E. SKELLY DRIVE SUITE 1000 TULSA, OK 74135

MAY 12 1993

DIRECT CORRESPONDENCE TO:

FIRST OKLAHOMA TOWER 210 WEST PARK AVENUE SUITE 2050 OKLAHOMA CITY, OK 73102-5601

| PRICE REF. NO. | DESCRIPTION | QUANTITY | U/M | UNIT PRICE | AMOUNT |
|----------------|--------------------------------------|----------|-----|------------|----------|
| 000-117 | PRICING AREA - EASTERN AREA1 MILEAGE | 15 | MI | 2.75 | 41.25 |
| 001-016 | CEMENTING CASING | 1458 | FT | 945.00 | 945.00 |
| 030-018 | CEMENTING PLUG 5W, PLASTIC TOP | 9 5/8 | IN | 140.00 | 140.00 |
| 16A | CASING SHOE - 9 5/8" BRD THD. | 1 | EA | 245.00 | 245.00 |
| 830.2211 | | 1 | EA | 205.00 | 205.00 |
| 24A | INSERT FLOAT VALVE - 9 5/8" BRD | 1 | EA | 60.00 | 60.00 |
| 815.19551 | | 1 | EA | 60.00 | 60.00 |
| 27 | FILL-UP UNIT 9 5/8"-13 3/8" | 3 | EA | 64.00 | 192.00 |
| 815.19615 | | 1 | EA | 14.30 | 14.30 |
| 40 | CENTRALIZER 9-5/8" X 12.25" | 1 | EA | 135.00 | 135.00 |
| 807.93065 | | 1 | EA | 14.50 | 14.50 |
| 66 | FASGRIP LIMIT CLAMP 9 5/8" | 1 | EA | 135.00 | 135.00 |
| 807.64062 | | 1 | EA | 14.50 | 14.50 |
| 320 | CEMENT BASKET 9 5/8" | 150 | SK | 8.95 | 1,342.50 |
| 800.8889 | | 334 | SK | 8.05 | 2,898.00 |
| 350 | HALLIBURTON WELD-A | 90 | LB | 1.40 | 126.00 |
| 890.10802 | | 9 | SK | 28.25 | 254.25 |
| 504-050 | CEMENT - PREMIUM PLUS | 534 | FT | 1.25 | 667.50 |
| 504-120 | CEMENT - HALL. LIGHT PREM PLUS | 360 | MI | .85 | 306.74 |
| 507-210 | FLOCELE | | | | |
| 509-406 | ANHYDROUS CALCIUM CHLORIDE | | | | |
| 500-207 | BULK SERVICE CHARGE | | | | |
| 500-306 | MILEAGE CMTG MAT DEL OR RETURN | | | | |
| | INVOICE SUBTOTAL | | | | 7,587.04 |
| | DISCOUNT-(BID) | | | | 2,655.42 |
| | INVOICE BID AMOUNT | | | | 4,931.62 |

***** CONTINUED ON NEXT PAGE *****

TERMS INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE. UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED. CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT. CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND

HILLMAN

ORIGINAL

HALLIBURTON SERVICES

REMIT TO: P.O. BOX 951046 DALLAS, TX 75395-1046

INVOICE

A Halliburton Company

| | |
|-------------|----------|
| INVOICE NO. | DATE |
| 345557 | 05/12/19 |

| | | | |
|---------------------------|---------------------|--------------------------|----------------------|
| WELL LEASE NO./PLANT NAME | WELL/PLANT LOCATION | STATE | WELL/PLANT OWNER |
| BOEKAUS 1-2 | MORTON | KS | RICHFIELD GAS STG. |
| SERVICE LOCATION | CONTRACTOR | JOB PURPOSE | TICKET DATE |
| LIBERAL | ZENITH DRILLING | CEMENT PRODUCTION CASING | 05/12/19 |
| ACCT. NO. | CUSTOMER AGENT | VENDOR NO. | CUSTOMER P.O. NUMBER |
| 664356 | H. FRAULI | | |
| | | SHIPPED VIA | FILE # |
| | | COMPANY TRUCK | 506 |

RECEIVED
 PANADA EXPLORATION, INDEPENDENT OIL & GAS
 4200 E. SKELLY DRIVE
 SUITE 1000
 TULSA, OK 74135

MAY 25 1993

DIRECT CORRESPONDENCE TO:
 FIRST OKLAHOMA TOWER
 210 WEST PARK AVENUE
 SUITE 2050
 OKLAHOMA CITY, OK 73102-5601

| PRICE REF. NO. | DESCRIPTION | QUANTITY | U/M | UNIT PRICE | AMOUNT |
|----------------|---|----------|-----|------------|----------|
| 000-117 | PRICING AREA - EASTERN AREA1 MILEAGE | 15 | MI | 2.75 | 41.25 |
| 001-016 | CEMENTING CASING | 5200 | FT | 1,565.00 | 1,565.00 |
| 030-016 | CEMENTING PLUG 5W ALUM TOP | 7 | IN | 90.00 | 90.00 |
| 030-017 | CEMENTING PLUG 5W, ALUM BOTTOM | 7 | IN | 145.00 | 145.00 |
| 4A | COLLAR-FLOAT-SUPER SEAL II- 7 | 1 | EA | 315.00 | 315.00 |
| 836.14100 | | | | | |
| 5A | SHOE-FLOAT-SSII 7IN. BRD | 1 | EA | 261.00 | 261.00 |
| 837.14100 | | | | | |
| 40 | CENTRALIZER 7" X 8.5-8.75" #345557 5/12 | 10 | EA | 57.00 | 570.00 |
| 807.93043 | | | | | |
| 66 | FASGRIP LIMIT CLAMP | 1 | EA | 12.70 | 12.70 |
| 807.64046 | | | | | |
| 320 | CEMENT BASKET 7" | 3 | EA | 120.00 | 360.00 |
| 800.8886 | | | | | |
| 73 | CMTR-FD-7" BRD 20-25 IN. DIVISION | 1 | EA | 4,200.00 | 4,200.00 |
| 813.0163 | | | | | |
| 350 | HALLIBURTON WELD-A | 1 | EA | 14.50 | 14.50 |
| 890.10802 | | | | | |
| 018-315 | MUD FLUSH | 1000 | GAL | 65 | 650.00 |
| 018-316 | PVS SPACER | 500 | GAL | 33 | 165.00 |
| 218-738 | CLAYFIX II | 365.50 | GAL | 21.50 | 365.50 |
| 504-043 | CEMENT - PREMIUM | 1,129.70 | LB | 8.69 | 1,129.70 |
| 509-101 | THIXSET COMPONENT | 652.70 | LB | 5.35 | 652.70 |
| 508-103 | THIXSET COMPONENT | 260.40 | LB | 8.40 | 260.40 |
| 509-002 | POTASSIUM CHLORIDE | 81.00 | LB | .27 | 81.00 |
| 500-207 | BULK SERVICE CHARGE | 162.50 | CFT | 1.25 | 162.50 |
| 500-306 | MILEAGE CMTG MAT DEL OR RETURN | 80.77 | TMI | .85 | 80.77 |

CHECK TOTAL: 7,549.03

PROSPECT OR WELL: R05008

ACCOUNT CODING

1630 352, 8-22

JOB DECK: RBS

APPROVE: [Signature] VOUCHER: 23136

PAID 6/10/93

DATE: 6/25/93 CHECK 122

1527 31 LB

300 LB .27

120 CFT 1.25

95.0475 TMI .85

RECEIVED CORPORATION COMMISS. 6 1993

***** CONTINUED ON NEXT PAGE *****

TERMS INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE. UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED, CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND

ORIGINAL



ORIGINAL

REMIT TO: P.O. BOX 951046 DALLAS, TX 75395-1046

HALLIBURTON SERVICES

A Halliburton Company

| | |
|-------------|------------|
| INVOICE NO. | DATE |
| 345536 | 05/18/1993 |

| | | | |
|---------------------------|---------------------|--------------------------|----------------------|
| WELL/LEASE NO./PLANT NAME | WELL/PLANT LOCATION | STATE | WELL/PLANT OWNER |
| BOEKAS 1-2 | MORTON | KS | RICHFIELD GAS STG. |
| SERVICE LOCATION | CONTRACTOR | JOB PURPOSE | TICKET DATE |
| LIBERAL | POOL | CEMENT PRODUCTION CASING | 05/18/1993 |
| ACCT. NO. | CUSTOMER AGENT | VENDOR NO. | CUSTOMER P.O. NUMBER |
| 564356 | H. FRAULT | | |
| | | COMPANY TRUCK | 51086 |

RECEIVED
PANDA RESOURCES INC.
PANADA EXPLORATION, INC.
4200 E. SKELLY DRIVE
SUITE 1000
TULSA, OK 74135
JUN 01 1993

DIRECT CORRESPONDENCE TO:
FIRST OKLAHOMA TOWER
210 WEST PARK AVENUE
SUITE 2050
OKLAHOMA CITY, OK 73102-5601

| PRICE REF. NO. | DESCRIPTION | QUANTITY | U/M | UNIT PRICE | AMOUNT |
|----------------|--------------------------------|----------|-----|------------|----------|
| 000-117 | MILEAGE | 15 | MI | 2.75 | 41.25 |
| 009-019 | PLUGGING BK SPOT CEMENT OR MUD | 3059 | FT | 1,255.00 | 1,255.00 |
| 218-738 | CLAYFIX II | 10 | GAL | 21.50 | 215.00 |
| 000-117 | MILEAGE | 15 | MI | 2.75 | 41.25 |
| 009-027 | CMT THRU TBG-DRILL STEM ADD HR | 1 | HR | 195.00 | 195.00 |
| 504-050 | CEMENT - PREMIUM PLUS | 75 | SK | 8.95 | 671.25 |
| 504-120 | CEMENT - HALL. LIGHT PREM PLUS | 118 | SK | 8.05 | 1,086.75 |
| 507-210 | FLOCELE | 34 | LB | 1.40 | 47.60 |
| 509-406 | ANHYDROUS CALCIUM CHLORIDE | 4 | SK | 28.25 | 113.00 |
| 500-207 | BULK SERVICE CHARGE | 220 | CFT | 1.25 | 275.00 |
| 500-306 | MILEAGE CMTG MAT DEL OR RETURN | 148.905 | TMI | .85 | 126.57 |

INVOICE SUBTOTAL 4,067.67
DISCOUNT-(BID)
INVOICE BID AMOUNT
*-KANSAS STATE SALES TAX
*-SEWARD COUNTY SALES TAX

345536 5/18

CHECK TOTAL: 2,791.76

PROSPECTED OR WELL: DAS008

ACCOUNT CODING

MAIN 3500 SUB 8226

Wichita Division Kansas

JIB DECK: RBS

APPROVED: [Signature]

PAID 6/19

DATE CHECK

INVOICE TOTAL - PLEASE PAY THIS AMOUNT \$2,791.76

TERMS INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE. UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED. CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM. IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT, CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND