

ORIGINAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 8802
Name: COBRA OIL & GAS CORPORATION
Address: P O BOX 8206
City/State/Zip: WICHITA FALLS, TX 76307-8206
Purchaser: _____
Operator Contact Person: RORY EDWARDS
Phone: (940) 716-5100
Contractor: Name: CHEYENNE DRILLING, INC
License: 5382
Wellsite Geologist: CRAIG REYNOLDS

RECEIVED

APR 26 2004

KCC WICHITA

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

If Workover/Re-entry: Old Well Info as follows:
Operator: _____
Well Name: _____
Original Comp. Date: _____ Original Total Depth: _____
 Deepening Re-perf. Conv. to Enhr./SWD
 Plug Back Plug Back Total Depth
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____

08/27/03 02/11/04 04/06/04
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 119-21110-01-00
County: MEADE
N2 NW NW Sec. 35 Twp. 31 S. R. 29 East West
330 feet from S (circle one) Line of Section
700 feet from E / W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: STERN 35 Well #: 2
Field Name: HOCKETT, SE
Producing Formation: CHESTER
Elevation: Ground: 2648' Kelly Bushing: 2661'
Total Depth: 7263' Plug Back Total Depth: 6798'
Amount of Surface Pipe Set and Cemented at 1525' 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/ _____ sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit) ALT I WMA
Chloride content 2500 ppm Fluid volume 65-07 40,000 bbls
Dewatering method used EVAPORATION
Location of fluid disposal if hauled offsite: _____
Operator Name: GENE R. DILL
Lease Name: REGIER SWD License No.: 6652
Quarter _____ Sec. 17 Twp. 33 S. R. 27 East West
County: MEADE Docket No.: C-21,232

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 of 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: [Signature]
Title: MGR, DRLG & PROD Date: 04/21/04
Subscribed and sworn to before me this 21st day of April,
2004.

Notary Public: [Signature]
Date Commission Expires: _____
Notary Public, State of Texas
My Comm. Expires 9-2-5

KCC Office Use ONLY
NO Letter of Confidentiality Received
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

ORIGINAL

Side Two

Operator Name: COBRA OIL & GAS CORPORATION Lease Name: STERN 35 Well #: 2
 Sec. 3S Twp. 31 S. R. 29 East West County: MEADE

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

| | | | | | | | | | | |
|---|--|---|----------------------------------|---------------------------------|------|-----|-------|------------|-------|-------|
| Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: ARRAY INDUCTION, SHALLOW FOCUSED | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;"><input checked="" type="checkbox"/> Log</td> <td style="width: 40%;">Formation (Top), Depth and Datum</td> <td style="width: 30%;"><input type="checkbox"/> Sample</td> </tr> <tr> <td>Name</td> <td>Top</td> <td>Datum</td> </tr> <tr> <td>5" MUD LOG</td> <td>6797'</td> <td>5066'</td> </tr> </table> | <input checked="" type="checkbox"/> Log | Formation (Top), Depth and Datum | <input type="checkbox"/> Sample | Name | Top | Datum | 5" MUD LOG | 6797' | 5066' |
| <input checked="" type="checkbox"/> Log | Formation (Top), Depth and Datum | <input type="checkbox"/> Sample | | | | | | | | |
| Name | Top | Datum | | | | | | | | |
| 5" MUD LOG | 6797' | 5066' | | | | | | | | |

| 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 | 12-1/4" | 9-5/8" | 36# | 1525' | POZ "C", "C" | 520 | 8% D-20, .25% D29 2% S1 |
| INTERMED. | 8-3/4" | 7" | 20#, 23# | 5665' | CL "H" | 305 | 0.2% D167, .25% / Sx D29, 5# / Sx D42 |
| PROD | 6-1/8" | 4-1/2" | 11.6# | 4781'-6665' | NONE | | |

| 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 Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) | |
|----------------|---|---|---------|
| | | Amount and Kind of Material Used | Depth |
| 3 | 5667'-5672', 5678'-5684', 5696'-5704', 5762'-5768', | (1) 8000 gals 60q foam gel, (2) 6000 gals 60q | 5667'-- |
| | 5772'-5776', 5854'-5860', 5872'-5878' | foam, 20% acid, (3) 8000 gals 60q foam gel w/ | 5878' |
| | | 80 bio-ball sealers, (4) 6000 gals 60q foam, | |
| | | 20% acid, (5) 12000 gals 60q foam gel w/80 | |
| | | bio-ball sealers, (continued on next page....) | |

| | | | |
|---------------|----------------|--------------------|---|
| TUBING RECORD | Size 2-3/8" | Set At 5600.28' | Packer At N/A |
| | | | Liner Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |

| | |
|---|---|
| Date of First, Resumerd Production, SWD or Enhr. SIGW | Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input checked="" type="checkbox"/> Other (Explain) |
|---|---|

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

Disposition of Gas METHOD OF COMPLETION Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
(If vented, Submit ACO-18.) Other (Specify) _____

Operator Name: COBRA OIL & GAS CORPORATION Lease Name: STERN 35 Well #: 2
 Sec. 3S Twp. 31 S. R. 29 East West County: MEADE

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

| | | | | | | | | | | |
|---|--|---|----------------------------------|---------------------------------|------|-----|-------|------------|-------|-------|
| Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: ARRAY INDUCTION, SHALLOW FOCUSED | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td><input checked="" type="checkbox"/> Log</td> <td>Formation (Top), Depth and Datum</td> <td><input type="checkbox"/> Sample</td> </tr> <tr> <td>Name</td> <td>Top</td> <td>Datum</td> </tr> <tr> <td>5" MUD LOG</td> <td>6797'</td> <td>5066'</td> </tr> </table> <p style="text-align: center; font-weight: bold; font-size: 1.2em;">RECEIVED APR 26 2004 KCC WICHITA</p> | <input checked="" type="checkbox"/> Log | Formation (Top), Depth and Datum | <input type="checkbox"/> Sample | Name | Top | Datum | 5" MUD LOG | 6797' | 5066' |
| <input checked="" type="checkbox"/> Log | Formation (Top), Depth and Datum | <input type="checkbox"/> Sample | | | | | | | | |
| Name | Top | Datum | | | | | | | | |
| 5" MUD LOG | 6797' | 5066' | | | | | | | | |

| 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 | 12-1/4" | 9-5/8" | 36# | 1525' | POZ "C", "C" | 520 | 8% D20, .25% D29, 2% S1 |
| INTERMED. | 8-3/4" | 7" | 20#, 23# | 5665' | CL "H" | 305 | 0.2% D167, .25# / sx D29, 5# / sx D42 |
| PROD | 6-1/8" | 4-1/2" | 11.6# | 4781'-6665' | NONE | | |

| 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 Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) | Depth |
|----------------|---|---|---------|
| 3 | 5667'-5672', 5678'-5684', 5696'-5704', 5762'-5768', | (...continued f/previous page) (6) 4000 gals | 5667'-- |
| | 5772'-5776', 5854'-5860', 5872'-5878' | 60q foam, 20% acid, (7) 4347 gals 60q | 5878' |
| | | foam flush | |

| | | | | | |
|--|-----------|---------|---|---------------|---|
| TUBING RECORD | | Size | Set At | Packer At | Liner Run |
| | | 2-3/8" | 5600.28' | N/A | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| Date of First, Resumerd Production, SWD or Enhr. | | | Producing Method | | |
| SIGW | | | <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input checked="" type="checkbox"/> Other (Explain) | | |
| Estimated Production Per 24 Hours | Oil Bbls. | Gas Mcf | Water Bbls. | Gas-Oil Ratio | Gravity |

Disposition of Gas METHOD OF COMPLETION Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
(If vented, Submit ACO-18.) Other (Specify) _____

Service Contract Receipt

ORIGINAL Schlumberger

961334

SCHLUMBERGER TECHNOLOGY CORPORATION

Job Number
2205543751

Invoice Mailing Address:
COBRA OIL & GAS

WOODWARD, OK
US

RECEIVED
APR 05 2004
KCC WICHITA

RECEIVED
APR 26 2004
KCC WICHITA

Customer PO: _____ Contract: _____

Well: STERN 35-2 State/Province: KANSAS

Field: _____ County/Parish/Block: MEADE

Customer or Authorized Representative: REP, COBRA

| | | | | |
|------------------|------|----------|------|------------|
| LEFT DISTRICT | Date | 9/7/2003 | Time | 4:50:00 AM |
| ARRIVE LOCATION | Date | 9/7/2003 | Time | 6:45:00 AM |
| JOB START | Date | 9/7/2003 | Time | 2:24:00 PM |
| JOB COMPLETION | Date | 9/7/2003 | Time | 3:52:00 PM |
| LEAVE LOCATION | Date | 9/7/2003 | Time | 4:30:00 PM |
| ARRIVED DISTRICT | Date | 9/7/2003 | Time | 6:30:00 PM |

Service Instructions
CEMENT 7" PRODUCTION CASING WITH:
20 BBLS CW 100
305 SACKS CLASS H + 0.2% D167 + 5PPS D42 + 0.25PPS D29

Service Description
Cementing - Cem Prod Casing

AFE: _____ Rlg: _____

CHEYENNE 1

Legal Location: _____

Customer or Authorized Representative: REP, COBRA

THE ESTIMATED CHARGES AND DATA SHOWN BELOW ARE SUBJECT TO CORRECTION BY SCHLUMBERGER.

| Item | Description | Quantity | Unit | Unit Price | Amount |
|-------------------------------|--|----------|------|------------|-----------------|
| Services | | | | | |
| 102871060 | Casing Cmmt 5501-6000 1st 4hr | 1 | EA | 3,775.00 | 3,775.00 |
| 48601000 | Cement Head Rental | 1 | JOB | 659.00 | 659.00 |
| 49100000 | Service Chg Cement Mat Land All DW Fur | 336 | CF | 2.86 | 960.96 |
| 49102000 | Transportation Cement Ton Mile | 608 | MI | 2.11 | 1,282.88 |
| 59200002 | Mileage, All Other Equipment | 80 | MI | 5.64 | 451.20 |
| 59697004 | PRISM | 1 | JOB | 1,105.00 | 1,105.00 |
| Services Subtotal: | | | | | 8,234.04 |
| Discount: | | | | | 3,952.34 |
| Special Discount: | | | | | 0.00 |
| Estimated Total (USD): | | | | | 4,281.70 |

| | | | | | |
|-------------------------------|--------------------------------------|-------|----|--------|------------------|
| Products | | | | | |
| 102781070 | Shoe, Float Sure-Seal 8rd 7 | 1 | EA | 785.00 | 785.00 |
| 102946000 | Fuel Surcharge | 1 | EA | 133.77 | 133.77 |
| 51004070 | Collar, Flapper Type Float | 1 | EA | 987.00 | 987.00 |
| 56011070 | Centralizer, Regular | 15 | EA | 149.50 | 2,242.50 |
| 56014085 | Ring, Hammer Type Stop | 1 | EA | 47.05 | 47.05 |
| 56702070 | Plug, Cementing 7 In Top Plastic | 1 | EA | 166.00 | 166.00 |
| D029 | Cellophane Flakes D29 | 76 | LB | 3.25 | 247.00 |
| D042 | KOLITE Lost Circulation Additive D42 | 1530 | LB | 1.08 | 1,652.40 |
| D167 | UniFLAC-S D167 | 56.5 | LB | 56.30 | 3,180.95 |
| D827 | Chemical Wash CW100 D827 | 20 | BL | 75.30 | 1,506.00 |
| D909 | Cement, Class H D909 | 305.5 | CF | 20.17 | 6,161.94 |
| Products Subtotal: | | | | | 17,109.61 |
| Discount: | | | | | 8,148.40 |
| Special Discount: | | | | | 0.00 |
| Estimated Total (USD): | | | | | 8,961.20 |

Service Contract Receipt

ORIGINAL

Schlumberger

SCHLUMBERGER TECHNOLOGY CORPORATION

Job Number
2205543751

| | | | | |
|------------------|------|----------|------|------------|
| LEFT DISTRICT | Date | 9/7/2003 | Time | 4:50:00 AM |
| ARRIVE LOCATION | Date | 9/7/2003 | Time | 6:45:00 AM |
| JOB START | Date | 9/7/2003 | Time | 2:24:00 PM |
| JOB COMPLETION | Date | 9/7/2003 | Time | 3:52:00 PM |
| LEAVE LOCATION | Date | 9/7/2003 | Time | 4:30:00 PM |
| ARRIVED DISTRICT | Date | 9/7/2003 | Time | 6:30:00 PM |

Invoice Mailing Address:
COBRA OIL & GAS

WOODWARD, OK
US

RECEIVED
APR 26 2004
KCC WICHITA

RECEIVED
APR 05 2004
KCC WICHITA

Service Instructions
CEMENT 7" PRODUCTION CASING WITH:
20 BBLS CW 100
305 SACKS CLASS H + 0.2% D167 + 5PPS D42 + 0.25PPS D29

Service Description

Cementing - Cem Prod Casing

| | | | |
|-------------|---------------------------------------|---------------------|----------------|
| Customer PO | Contract | AFE | Rig |
| | | | CHEYENNE-1 |
| Well | State/Province | County/Parish/Block | Legal Location |
| STERN 35-2 | KANSAS | MEADE | |
| Field | Customer or Authorized Representative | | |
| | REP, COBRA | | |

THE ESTIMATED CHARGES AND DATA SHOWN BELOW ARE SUBJECT TO CORRECTION BY SCHLUMBERGER.

| Item | Description | Quantity | Unit | Unit Price | Amount |
|--------------------------|-------------|----------|------|------------|-----------|
| Total (Before Discount): | | | | | 26,343.66 |
| Discount: | | | | | 12,100.74 |
| Special Discount: | | | | | 0.00 |
| Estimated Total (USD): | | | | | 13,242.91 |

THE ESTIMATED CHARGES AND DATA SHOWN ABOVE ARE SUBJECT TO CORRECTION BY SCHLUMBERGER.

THE SERVICES, EQUIPMENT, MATERIALS AND /OR PRODUCTS PROVIDED BY THIS SERVICE CONTRACT RECEIPT HAVE BEEN PERFORMED OR RECEIVED AS SET FORTH ABOVE.

Signature of Customer or Authorized Representative:

[Signature] Date: _____
REP, COBRA

Signature of Schlumberger Representative:

[Signature] Date: 9.7.03
Eusebio

Service Contract Receipt

ORIGINAL

Schlumberger

957232

SCHLUMBERGER TECHNOLOGY CORPORATION

Job Number
2205543656

Invoice Mailing Address:
COBRA OIL & GAS

WOODWARD, OK
US

RECEIVED
APR 26 2004
KCC WICHITA

RECEIVED
APR 05 2004
KCC WICHITA

| | | | | |
|------------------|------|-----------|------|-------------|
| LEFT DISTRICT | Date | 8/27/2003 | Time | 3:30:00 AM |
| ARRIVE LOCATION | Date | 8/27/2003 | Time | 5:45:00 AM |
| JOB START | Date | 8/27/2003 | Time | 9:04:00 AM |
| JOB COMPLETION | Date | 8/27/2003 | Time | 10:12:00 AM |
| LEAVE LOCATION | Date | 8/27/2003 | Time | |
| ARRIVED DISTRICT | Date | 8/27/2003 | Time | |

Service Instructions
CEMENT 9 5/8 SURFACE CASING WITH:
LEAD: 370 SACKS 15.85 POZ C +8%D20+2%S1+0.25 PPS D29
TAIL: 150 SACKS CLASS C+2%S1 + 0.25 PPS D29

| | | | |
|-------------|---------------------------------------|---------------------|----------------|
| Customer PO | Contract | AFE | Rlg |
| Well | State/Province | County/Parish/Block | Legal Location |
| STERN 35-2 | KANSAS | MEADE | CHEYENNE 1 |
| Field | Customer or Authorized Representative | | |
| | REP, COBRA | | |

THE ESTIMATED CHARGES AND DATA SHOWN BELOW ARE SUBJECT TO CORRECTION BY SCHLUMBERGER.

| Item | Description | Quantity | Unit | Unit Price | Amount |
|-------------------------------|--|----------|------|------------|------------------|
| Services | | | | | |
| 102871020 | Casing Cmnt 0000-2000' 1st 4hr | 1 | EA | 2,540.00 | 2,540.00 |
| 48601000 | Cement Head Rental | 1 | JOB | 659.00 | 659.00 |
| 49100000 | Service Chg Cement Mat Land All DW Fur | 586 | CF | 2.86 | 1,675.96 |
| 49102000 | Transportation Cement Ton Mile | 1820 | MI | 2.11 | 3,840.20 |
| 59200002 | Mileage, All Other Equipment | 140 | MI | 5.64 | 789.60 |
| 59697004 | PRISM | 1 | JOB | 1,105.00 | 1,105.00 |
| Services Subtotal: | | | | | 10,609.76 |
| Discount: | | | | | 5,092.68 |
| Special Discount: | | | | | 0.00 |
| Estimated Total (USD): | | | | | 5,517.08 |

| | | | | | |
|-------------------------------|--------------------------------------|------|----|--------|-----------------|
| Products | | | | | |
| 50101095 | Shoe, Guide Cement Type 9 5/8 In | 1 | EA | 673.00 | 673.00 |
| 53003095 | Insert, Orifice Fill | 1 | EA | 780.00 | 780.00 |
| 56011095 | Centralizer, Regular | 4 | EA | 173.50 | 694.00 |
| 56019095 | Ring, Stop Hinge Bolt | 1 | EA | 52.80 | 52.80 |
| 56702095 | Plug, Cementing 9 5/8 In Top Plastic | 1 | EA | 275.00 | 275.00 |
| D020 | Bentonite Extender D20 | 2745 | LB | 0.41 | 1,125.45 |
| D029 | Cellophane Flakes D29 | 130 | LB | 3.25 | 422.50 |
| D132 | Extender, Cement D132 | 56 | CF | 8.29 | 464.24 |
| K232 | Thread Locking Compound Kit K232 | 1 | EA | 62.10 | 62.10 |
| S001 | Calcium Chloride 77% S1 | 961 | LB | 0.83 | 797.63 |
| Products Subtotal: | | | | | 5,346.72 |
| Discount: | | | | | 2,666.43 |
| Special Discount: | | | | | 0.00 |
| Estimated Total (USD): | | | | | 2,780.29 |

| | | | | | |
|----------------------|----------------------|-----|----|-------|-----------|
| Miscellaneous | | | | | |
| D903 | Cement, Class C D903 | 466 | CF | 21.59 | 10,060.94 |

Service Contract Receipt

ORIGINAL

Schlumberger

SCHLUMBERGER TECHNOLOGY CORPORATION

Job Number
2205543656

| | | | | |
|------------------|------|-----------|------|-------------|
| LEFT DISTRICT | Date | 8/27/2003 | Time | 3:30:00 AM |
| ARRIVE LOCATION | Date | 8/27/2003 | Time | 5:45:00 AM |
| JOB START | Date | 8/27/2003 | Time | 9:04:00 AM |
| JOB COMPLETION | Date | 8/27/2003 | Time | 10:12:00 AM |
| LEAVE LOCATION | Date | 8/27/2003 | Time | |
| ARRIVED DISTRICT | Date | 8/27/2003 | Time | |

Invoice Mailing Address:
COBRA OIL & GAS

WOODWARD, OK
US

RECEIVED
APR 26 2004
KCC WICHITA

RECEIVED
APR 05 2004
KCC WICHITA

Service Instructions
CEMENT 9 5/8 SURFACE CASING WITH:
LEAD: 370 SACKS 15:85 POZ C +8%D20+2%S1+0.25 PPS D29
TAIL: 150 SACKS CLASS C+2%S1 + 0.25 PPS D29

| | | | |
|-------------|----------------|---------------------------------------|----------------|
| Customer PO | Contract | AFE | Rig |
| Well | State/Province | County/Parish/Block | Legal Location |
| Field | | Customer or Authorized Representative | |
| STERN 35-2 | KANSAS | MEADE | CHEYENNE 1 |
| | | REP, COBRA | |

THE ESTIMATED CHARGES AND DATA SHOWN BELOW ARE SUBJECT TO CORRECTION BY SCHLUMBERGER.

| Item | Description | Quantity | Unit | Unit Price | Amount |
|---------------------------|-------------|----------|------|------------|-----------|
| Miscellaneous - Subtotal: | | | | | 10,060.94 |
| Discount: | | | | | 4,829.25 |
| Special Discount: | | | | | 0.00 |
| Estimated Total (USD): | | | | | 5,231.69 |

| | | | | | |
|--------------------------|-----------|--|--|--|-----------|
| Total (Before Discount): | 26,017.42 | | | | |
| Discount: | 12,488.36 | | | | |
| Special Discount: | 0.00 | | | | |
| Estimated Total (USD): | | | | | 13,529.06 |

THE ESTIMATED CHARGES AND DATA SHOWN ABOVE ARE SUBJECT TO CORRECTION BY SCHLUMBERGER.

THE SERVICES, EQUIPMENT, MATERIALS AND /OR PRODUCTS PROVIDED BY THIS SERVICE CONTRACT RECEIPT HAVE BEEN PERFORMED OR RECEIVED AS SET FORTH ABOVE.

Signature of Customer or Authorized Representative: James H. Skissick Date: 8/27/03
REP COBRA

Signature of Schlumberger Representative: [Signature] Date: 8/27/03
Ousley, John

ORIGINAL

RECEIVED
APR 26 2004
KCC WICHITA

A Gyrodata Directional Survey

for

COBRA OIL & GAS CORP.

Location: Cheyenne #14, Meade County, Kansas

Well: Stern No. 35-2, 4-1/2" Drillpipe

Job Number: OK0903GW193

Run Date: 9/2/2003 9:23:20 AM

Surveyor: Craig Davis

Calculation Method: MINIMUM CURVATURE

Survey Latitude: 37.313900 deg. N Longitude: 100.450800 deg. W

Azimuth Correction:

Gyro: Bearings are Relative to True North

Vertical Section Calculated from Well Head Location

Closure Calculated from Well Head Location

Horizontal Coordinates Calculated from Local Horizontal Reference

ORIGINAL

A Gyrodata Directional Survey

Cobra Oil & Gas Corp.
 Well: Stern No. 35-2, 4-1/2" Drillpipe
 Location: Cheyenne #14, Meade County, Kansas
 Job Number: OK0903GW193

| MEASURED DEPTH feet | INCL deg. | AZIMUTH deg. | BORE HOLE BEARING deg. min. | DOGLEG SEVERITY deg./100 ft. | VERTICAL DEPTH feet | CLOSURE DIST. feet | AZIMUTH deg. | HORIZONTAL COORDINATES feet |
|------------------------|--------------|-----------------|--------------------------------|---------------------------------|------------------------|-----------------------|-----------------|--------------------------------|
| 0.00 | 0.00 | 0.00 | N 0 0 E | 0.00 | 0.00 | 0.0 | 0.0 | 0.00 N 0.00 E |

0 - 4716 FT. RATE GYROSCOPIC MULTISHOT SURVEY RUN INSIDE 4-1/2" DRILLPIPE
 ALL MEASURED DEPTHS AND COORDINATES REFERENCED TO CHEYENNE #4 R.K.B.

| | | | | | | | | |
|---------|------|--------|-----------|------|---------|-----|-------|---------------|
| 200.00 | 0.20 | 173.86 | S 6 8 E | 0.10 | 200.00 | 0.3 | 173.9 | 0.34 S 0.04 E |
| 400.00 | 0.35 | 228.34 | S 48 21 W | 0.14 | 400.00 | 1.2 | 199.5 | 1.09 S 0.39 W |
| 600.00 | 0.31 | 276.52 | N 83 29 W | 0.14 | 599.99 | 2.0 | 224.0 | 1.44 S 1.39 W |
| 800.00 | 0.16 | 273.09 | N 86 54 W | 0.08 | 799.99 | 2.6 | 238.3 | 1.36 S 2.21 W |
| 1000.00 | 0.17 | 259.93 | S 79 56 W | 0.02 | 999.99 | 3.1 | 243.3 | 1.40 S 2.78 W |
| 1200.00 | 0.06 | 223.05 | S 43 3 W | 0.06 | 1199.99 | 3.5 | 244.1 | 1.53 S 3.15 W |
| 1400.00 | 0.16 | 120.09 | S 59 55 E | 0.09 | 1399.99 | 3.5 | 239.7 | 1.74 S 2.98 W |
| 1600.00 | 0.09 | 231.69 | S 51 42 W | 0.10 | 1599.99 | 3.5 | 235.4 | 1.98 S 2.87 W |
| 1800.00 | 0.51 | 252.78 | S 72 47 W | 0.21 | 1799.99 | 4.5 | 238.7 | 2.33 S 3.83 W |
| 2000.00 | 0.56 | 242.10 | S 62 6 W | 0.06 | 1999.98 | 6.3 | 241.2 | 3.05 S 5.54 W |
| 2200.00 | 0.36 | 228.18 | S 48 11 W | 0.11 | 2199.97 | 7.9 | 240.3 | 3.93 S 6.87 W |
| 2400.00 | 0.06 | 11.27 | N 11 16 E | 0.20 | 2399.97 | 8.5 | 239.9 | 4.24 S 7.32 W |
| 2600.00 | 0.34 | 26.14 | N 26 8 E | 0.14 | 2599.97 | 7.9 | 242.9 | 3.60 S 7.03 W |
| 2800.00 | 0.55 | 17.56 | N 17 34 E | 0.11 | 2799.96 | 6.8 | 251.7 | 2.15 S 6.48 W |
| 3000.00 | 0.22 | 15.84 | N 15 51 E | 0.17 | 2999.96 | 6.1 | 261.9 | 0.86 S 6.08 W |
| 3200.00 | 0.69 | 2.56 | N 2 34 E | 0.24 | 3199.95 | 6.0 | 276.8 | 0.71 N 5.93 W |
| 3400.00 | 0.77 | 356.58 | N 3 25 W | 0.06 | 3399.94 | 6.8 | 298.7 | 3.26 N 5.95 W |
| 3600.00 | 0.54 | 347.64 | N 12 22 W | 0.13 | 3599.92 | 8.3 | 311.6 | 5.53 N 6.24 W |
| 3800.00 | 0.14 | 153.35 | S 26 39 E | 0.34 | 3799.92 | 8.9 | 314.6 | 6.23 N 6.33 W |
| 4000.00 | 0.39 | 160.54 | S 19 28 E | 0.13 | 3999.92 | 8.1 | 311.9 | 5.38 N 6.00 W |

ORIGINAL

A Gyrodata Directional Survey

Cobra Oil & Gas Corp.
 Well: Stern No. 35-2, 4-1/2" Drillpipe
 Location: Cheyenne #14, Meade County, Kansas
 Job Number: OK0903GW193

| MEASURED DEPTH feet | INCL deg. | AZIMUTH deg. | BORE HOLE BEARING deg. min. | DOGLEG SEVERITY deg./ 100 ft. | VERTICAL DEPTH feet | CLOSURE DIST. AZIMUTH feet deg. | HORIZONTAL COORDINATES feet |
|---------------------------|--------------|-----------------|-----------------------------------|--|---------------------------|---------------------------------------|-----------------------------------|
| 4200.00 | 0.40 | 102.47 | S 77 32 E | 0.19 | 4199.91 | 6.9 312.1 | 4.60 N 5.09 W |
| 4400.00 | 0.24 | 353.62 | N 6 23 W | 0.26 | 4399.91 | 6.6 317.5 | 4.86 N 4.46 W |
| 4600.00 | 1.45 | 74.23 | N 74 14 E | 0.71 | 4599.89 | 6.3 340.8 | 5.96 N 2.07 W |
| 4716.00 | 1.16 | 54.66 | N 54 40 E | 0.45 | 4715.86 | 7.0 2.4 | 7.04 N 0.30 E |

Final Station Closure: Distance: 7.05 ft Az: 2.42 deg.

ORIGINAL

Leam Drilling Systems Survey Report

| | | | |
|------------------------------------|-----------------------------------|------------------------------|-------------------|
| Company: COBRA OIL AND GAS | Date: 1/29/2004 | Time: 13:17:29 | Page: 1 |
| Field: MEADE COUNTY, KANSAS | Co-ordinate(NE) Reference: | Well: OK-HO348, Grid North | |
| Site: STERN NO. 35-1 | Vertical (TVD) Reference: | SITE 0.0 | |
| Well: OK-HO348 | Section (VS) Reference: | Well (0.00N,0.00E,162.92Azi) | |
| Wellpath: Leam MWD | Survey Calculation Method: | Minimum Curvature | Db: Sybase |

| | | |
|---------------------------------------|--------------------|--------------|
| Survey: Leam MWD | Start Date: | 9/5/2003 |
| Company: Leam Drilling Systems | Engineer: | Office |
| Tool: | Tied-to: | User Defined |

| | |
|--|----------------------------------|
| Well: OK-HO348 | Slot Name: |
| Quote # 3013d-cn | |
| Well Position: +N/-S 0.00 ft Northing: 241459.00 ft | Latitude: 37 18 48.619 N |
| +E/-W 0.00 ft Easting: 1432710.00 ft | Longitude: 100 27 2.546 W |
| Position Uncertainty: 0.00 ft | |

Annotation

| MD | TVD |
|----|-----|
| | |

Survey

| MD ft | Incl deg | Azim deg | TVD ft | N/S ft | E/W ft | VS ft | ClsD ft | ClsAzim deg | Dogleg deg/100ft | Comment |
|----------|-------------|-------------|-----------|-----------|-----------|----------|------------|----------------|---------------------|---------|
| 4716.00 | 1.16 | 54.66 | 4715.88 | 7.04 | 0.03 | -6.72 | 7.04 | 0.24 | 0.00 | |
| 4873.00 | 1.00 | 57.50 | 4872.85 | 8.70 | 2.48 | -7.58 | 9.04 | 15.93 | 0.11 | |
| 4949.00 | 1.00 | 60.40 | 4948.84 | 9.38 | 3.62 | -7.90 | 10.05 | 21.09 | 0.07 | |
| 4980.00 | 1.90 | 117.60 | 4979.83 | 9.27 | 4.31 | -7.60 | 10.23 | 24.92 | 5.15 | |
| 5012.00 | 5.20 | 142.20 | 5011.77 | 7.88 | 5.67 | -5.87 | 9.71 | 35.72 | 11.13 | |
| 5043.00 | 9.90 | 146.50 | 5042.49 | 4.55 | 8.00 | -2.00 | 9.20 | 60.38 | 15.26 | |
| 5074.00 | 13.20 | 147.50 | 5072.86 | -0.66 | 11.37 | 3.97 | 11.39 | 93.32 | 10.66 | |
| 5105.00 | 16.10 | 147.30 | 5102.85 | -7.26 | 15.60 | 11.52 | 17.21 | 114.97 | 9.36 | |
| 5136.00 | 19.30 | 147.10 | 5132.38 | -15.18 | 20.71 | 20.59 | 25.68 | 126.25 | 10.32 | |
| 5168.00 | 22.10 | 147.90 | 5162.31 | -24.73 | 26.78 | 31.50 | 36.45 | 132.72 | 8.79 | |
| 5199.00 | 24.40 | 149.10 | 5190.79 | -35.16 | 33.17 | 43.35 | 48.34 | 136.67 | 7.57 | |
| 5230.00 | 27.60 | 150.80 | 5218.65 | -46.93 | 39.96 | 56.59 | 61.64 | 139.59 | 10.60 | |
| 5262.00 | 30.50 | 152.70 | 5246.62 | -60.62 | 47.30 | 71.84 | 76.89 | 142.03 | 9.51 | |
| 5292.00 | 32.00 | 153.30 | 5272.27 | -74.48 | 54.37 | 87.17 | 92.22 | 143.87 | 5.11 | |
| 5324.00 | 33.90 | 155.30 | 5299.12 | -90.17 | 61.91 | 104.37 | 109.37 | 145.53 | 6.84 | |
| 5354.00 | 36.00 | 156.40 | 5323.71 | -105.85 | 68.93 | 121.43 | 126.32 | 146.93 | 7.31 | |
| 5385.00 | 40.00 | 157.20 | 5348.13 | -123.39 | 76.44 | 140.40 | 145.15 | 148.22 | 13.00 | |
| 5416.00 | 45.40 | 158.20 | 5370.90 | -142.84 | 84.41 | 161.33 | 165.91 | 149.42 | 17.56 | |
| 5447.00 | 49.60 | 159.00 | 5391.84 | -164.11 | 92.74 | 184.11 | 188.51 | 150.53 | 13.68 | |
| 5479.00 | 51.50 | 159.70 | 5412.18 | -187.24 | 101.45 | 208.77 | 212.96 | 151.55 | 6.17 | |
| 5510.00 | 53.40 | 160.20 | 5431.07 | -210.32 | 109.88 | 233.32 | 237.30 | 152.42 | 6.26 | |
| 5540.00 | 55.50 | 161.40 | 5448.51 | -233.37 | 117.90 | 257.71 | 261.46 | 153.20 | 7.72 | |
| 5571.00 | 58.50 | 162.50 | 5465.39 | -258.09 | 125.95 | 283.70 | 287.18 | 153.99 | 10.12 | |
| 5603.00 | 62.20 | 163.80 | 5481.22 | -284.70 | 134.01 | 311.50 | 314.66 | 154.79 | 12.09 | |
| 5625.00 | 62.30 | 164.00 | 5491.46 | -303.41 | 139.40 | 330.97 | 333.90 | 155.32 | 0.92 | |
| 5664.00 | 66.10 | 162.90 | 5508.43 | -337.06 | 149.41 | 366.07 | 368.69 | 156.09 | 10.07 | |
| 5696.00 | 70.10 | 162.40 | 5520.37 | -365.39 | 158.26 | 395.76 | 398.19 | 156.58 | 12.58 | |
| 5728.00 | 74.90 | 161.90 | 5529.99 | -394.43 | 167.62 | 426.26 | 428.57 | 156.98 | 15.07 | |
| 5759.00 | 79.40 | 162.90 | 5536.88 | -423.23 | 176.75 | 456.48 | 458.66 | 157.33 | 14.85 | |
| 5791.00 | 83.90 | 165.20 | 5541.53 | -453.67 | 185.44 | 488.12 | 490.11 | 157.77 | 15.76 | |
| 5822.00 | 88.80 | 167.20 | 5543.50 | -483.70 | 192.82 | 519.00 | 520.72 | 158.27 | 17.07 | |
| 5855.00 | 92.00 | 168.00 | 5543.27 | -515.93 | 199.91 | 551.88 | 553.30 | 158.82 | 10.00 | |
| 5886.00 | 92.50 | 168.20 | 5542.05 | -546.24 | 206.29 | 582.73 | 583.89 | 159.31 | 1.74 | |
| 5918.00 | 91.80 | 167.40 | 5540.85 | -577.49 | 213.05 | 614.59 | 615.54 | 159.75 | 3.32 | |
| 5950.00 | 91.80 | 167.30 | 5539.85 | -608.70 | 220.05 | 646.48 | 647.25 | 160.12 | 0.31 | |
| 5981.00 | 94.80 | 167.40 | 5538.06 | -638.89 | 226.83 | 677.33 | 677.96 | 160.45 | 9.68 | |
| 6013.00 | 95.80 | 167.30 | 5535.11 | -669.98 | 233.81 | 709.10 | 709.61 | 160.76 | 3.14 | |
| 6044.00 | 94.70 | 167.60 | 5532.27 | -700.11 | 240.52 | 739.88 | 740.28 | 161.04 | 3.68 | |
| 6076.00 | 93.20 | 167.80 | 5530.07 | -731.30 | 247.32 | 771.69 | 771.99 | 161.32 | 4.73 | |

Leam Drilling Systems Survey Report

ORIGINAL

| | | | |
|------------------------------------|-----------------------------------|-----------------------------------|-------------------|
| Company: COBRA OIL AND GAS | Date: 1/29/2004 | Time: 13:17:29 | Page: 2 |
| Field: MEADE COUNTY, KANSAS | Co-ordinate(NE) Reference: | Well: OK-HO348, Grid North | |
| Site: STERN NO. 35-1 | Vertical (TVD) Reference: | SITE 0.0 | |
| Well: OK-HO348 | Section (VS) Reference: | Well (0.00N,0.00E,162.92Azi) | |
| Wellpath: Leam MWD | Survey Calculation Method: | Minimum Curvature | Db: Sybase |

Survey

| MD ft | Incl deg | Azim deg | TVD ft | N/S ft | E/W ft | VS ft | ClsD ft | ClsAzim. deg | Dogleg deg/100ft | Comment |
|----------|-------------|-------------|-----------|-----------|-----------|----------|------------|-----------------|---------------------|---------|
| 6107.00 | 93.60 | 167.80 | 5528.23 | -761.55 | 253.86 | 802.52 | 802.75 | 161.56 | 1.29 | |
| 6139.00 | 94.20 | 167.30 | 5526.05 | -792.73 | 260.74 | 834.34 | 834.51 | 161.79 | 2.44 | |
| 6171.00 | 95.00 | 167.30 | 5523.48 | -823.84 | 267.75 | 866.15 | 866.26 | 162.00 | 2.50 | |
| 6203.00 | 95.60 | 167.30 | 5520.53 | -854.93 | 274.76 | 897.92 | 897.99 | 162.18 | 1.87 | |
| 6235.00 | 92.50 | 167.30 | 5518.27 | -886.06 | 281.77 | 929.74 | 929.78 | 162.36 | 9.69 | |
| 6267.00 | 92.30 | 167.50 | 5516.93 | -917.26 | 288.75 | 961.61 | 961.64 | 162.53 | 0.88 | |
| 6299.00 | 92.60 | 167.30 | 5515.56 | -948.46 | 295.72 | 993.49 | 993.50 | 162.68 | 1.13 | |
| 6331.00 | 93.30 | 166.90 | 5513.91 | -979.61 | 302.86 | 1025.36 | 1025.36 | 162.82 | 2.52 | |
| 6361.00 | 90.90 | 166.80 | 5512.82 | -1008.81 | 309.68 | 1055.27 | 1055.27 | 162.93 | 8.01 | |
| 6393.00 | 88.50 | 166.70 | 5512.98 | -1039.95 | 317.01 | 1087.19 | 1087.20 | 163.05 | 7.51 | |
| 6425.00 | 88.50 | 166.40 | 5513.82 | -1071.06 | 324.45 | 1119.12 | 1119.13 | 163.15 | 0.94 | |
| 6457.00 | 88.80 | 166.10 | 5514.57 | -1102.14 | 332.06 | 1151.05 | 1151.07 | 163.23 | 1.33 | |
| 6584.00 | 90.60 | 165.90 | 5515.24 | -1225.36 | 362.78 | 1277.86 | 1277.93 | 163.51 | 1.43 | |
| 6616.00 | 88.20 | 165.80 | 5515.57 | -1256.38 | 370.60 | 1309.82 | 1309.90 | 163.57 | 7.51 | |
| 6648.00 | 88.10 | 165.70 | 5516.61 | -1287.38 | 378.47 | 1341.76 | 1341.86 | 163.62 | 0.44 | |
| 6679.00 | 88.30 | 165.10 | 5517.58 | -1317.37 | 386.28 | 1372.72 | 1372.83 | 163.66 | 2.04 | |
| 6711.00 | 88.50 | 165.10 | 5518.47 | -1348.28 | 394.51 | 1404.68 | 1404.81 | 163.69 | 0.62 | |
| 6742.00 | 88.80 | 165.20 | 5519.20 | -1378.23 | 402.45 | 1435.65 | 1435.79 | 163.72 | 1.02 | |
| 6774.00 | 88.80 | 165.00 | 5519.87 | -1409.15 | 410.68 | 1467.62 | 1467.77 | 163.75 | 0.62 | |
| 6851.00 | 89.50 | 165.00 | 5521.02 | -1483.52 | 430.60 | 1544.56 | 1544.75 | 163.81 | 0.91 | |
| 6933.00 | 89.90 | 165.10 | 5521.45 | -1562.74 | 451.76 | 1626.50 | 1626.73 | 163.88 | 0.50 | |
| 6965.00 | 89.10 | 163.90 | 5521.73 | -1593.58 | 460.31 | 1658.49 | 1658.73 | 163.89 | 4.51 | |
| 6997.00 | 89.30 | 163.60 | 5522.17 | -1624.29 | 469.26 | 1690.48 | 1690.72 | 163.89 | 1.13 | |
| 7029.00 | 89.30 | 163.30 | 5522.56 | -1654.97 | 478.38 | 1722.48 | 1722.72 | 163.88 | 0.94 | |
| 7061.00 | 89.60 | 162.90 | 5522.87 | -1685.58 | 487.68 | 1754.48 | 1754.71 | 163.86 | 1.56 | |
| 7093.00 | 89.90 | 162.90 | 5523.01 | -1716.17 | 497.09 | 1786.48 | 1786.71 | 163.85 | 0.94 | |
| 7115.00 | 89.80 | 162.90 | 5523.07 | -1737.20 | 503.56 | 1808.48 | 1808.71 | 163.83 | 0.45 | |



COMPUTALOG

Drilling Services

Client : Cobra Oil & Gas Corporation
 Well : Stern 35 #2
 Location : Meade County, Kansas
 License :

ORIGINAL

Page: 1
 Date : 4/19/2004
 File : 50-972

UWI #:

Vertical Section Calculated Along Azimuth 164.57°

KB Elevation = 0.00ft

| MD ft | Inc deg | Azi deg | TVD ft | North ft | East ft | V'Sect ft | D'Leg °/100 |
|----------------------|------------|------------|-----------|-------------|------------|--------------|----------------|
| Tie-in Survey | | | | | | | |
| 5043.00 | 9.90 | 146.50 | 5042.47 | 4.55 | 8.00 | -2.26 | 0.00 |
| 5143.00 | 24.50 | 156.00 | 5137.76 | -21.71 | 21.25 | 26.58 | 14.82 |
| 5174.00 | 27.00 | 160.50 | 5165.68 | -34.22 | 26.22 | 39.96 | 10.23 |
| 5206.00 | 29.10 | 163.30 | 5193.92 | -48.52 | 30.88 | 54.98 | 7.74 |
| 5238.00 | 30.60 | 164.70 | 5221.67 | -63.83 | 35.26 | 70.91 | 5.17 |
| 5270.00 | 33.20 | 166.50 | 5248.84 | -80.21 | 39.46 | 87.81 | 8.65 |
| 5301.00 | 35.80 | 167.50 | 5274.38 | -97.31 | 43.40 | 105.35 | 8.58 |
| 5333.00 | 38.50 | 169.40 | 5299.89 | -116.25 | 47.26 | 124.63 | 9.17 |
| 5365.00 | 41.70 | 170.10 | 5324.36 | -136.53 | 50.93 | 145.16 | 10.10 |
| 5397.00 | 45.00 | 169.30 | 5347.63 | -158.14 | 54.86 | 167.03 | 10.45 |
| 5428.00 | 46.50 | 166.30 | 5369.26 | -179.83 | 59.56 | 189.20 | 8.45 |
| 5460.00 | 48.90 | 165.20 | 5390.80 | -202.77 | 65.39 | 212.86 | 7.92 |
| 5492.00 | 51.50 | 165.80 | 5411.28 | -226.57 | 71.54 | 237.44 | 8.25 |
| 5524.00 | 53.70 | 166.60 | 5430.71 | -251.26 | 77.60 | 262.84 | 7.16 |
| 5555.00 | 57.00 | 166.80 | 5448.34 | -276.07 | 83.46 | 288.33 | 10.66 |
| 5586.00 | 61.20 | 167.60 | 5464.25 | -302.00 | 89.35 | 314.89 | 13.73 |
| 5618.00 | 65.40 | 167.50 | 5478.63 | -329.91 | 95.51 | 343.43 | 13.13 |
| 5650.00 | 69.30 | 166.90 | 5490.95 | -358.70 | 102.06 | 372.93 | 12.31 |
| 5682.00 | 72.30 | 166.00 | 5501.47 | -388.08 | 109.14 | 403.13 | 9.74 |
| 5714.00 | 75.60 | 166.10 | 5510.32 | -417.92 | 116.55 | 433.87 | 10.32 |
| 5746.00 | 77.10 | 166.20 | 5517.87 | -448.11 | 124.00 | 464.95 | 4.70 |
| 5778.00 | 81.20 | 166.90 | 5523.89 | -478.67 | 131.30 | 496.35 | 12.99 |
| 5809.00 | 84.90 | 167.70 | 5527.64 | -508.89 | 138.07 | 527.08 | 12.21 |
| 5841.00 | 86.80 | 168.80 | 5529.96 | -539.93 | 144.56 | 558.93 | 6.86 |
| 5873.00 | 88.40 | 168.10 | 5531.30 | -571.25 | 150.97 | 590.83 | 5.46 |
| 5905.00 | 89.30 | 166.80 | 5531.94 | -602.48 | 157.92 | 622.78 | 4.94 |
| 5930.00 | 89.50 | 165.10 | 5532.20 | -626.73 | 163.99 | 647.77 | 6.85 |
| 5962.00 | 90.10 | 164.90 | 5532.31 | -657.64 | 172.27 | 679.77 | 1.98 |
| 5993.00 | 90.20 | 164.60 | 5532.23 | -687.55 | 180.42 | 710.77 | 1.02 |
| 6025.00 | 91.10 | 164.30 | 5531.87 | -718.38 | 189.00 | 742.77 | 2.96 |
| 6057.00 | 91.70 | 163.80 | 5531.09 | -749.14 | 197.79 | 774.76 | 2.44 |
| 6089.00 | 91.90 | 163.90 | 5530.08 | -779.86 | 206.69 | 806.74 | 0.70 |
| 6153.00 | 91.70 | 163.70 | 5528.07 | -841.29 | 224.53 | 870.70 | 0.44 |
| 6216.00 | 91.30 | 163.20 | 5526.42 | -901.65 | 242.47 | 933.67 | 1.02 |
| 6279.00 | 92.50 | 163.10 | 5524.34 | -961.92 | 260.72 | 996.61 | 1.91 |



COMPUTALOG
Drilling Services

ORIGINAL

Client : Cobra Oil & Gas Corporation
Well : Stern 35 #2
Location : Meade County, Kansas
License :

Page: 2
Date : 4/19/2004
File : 50-972

UWI #:

Vertical Section Calculated Along Azimuth 164.57°

KB Elevation = 0.00ft

| MD ft | Inc deg | Azi deg | TVD ft | North ft | East ft | V'Sect ft | D'Leg °/100 |
|----------|------------|------------|-----------|-------------|------------|--------------|----------------|
| 6311.00 | 92.40 | 163.60 | 5522.97 | -992.55 | 269.88 | 1028.58 | 1.59 |
| 6343.00 | 92.70 | 163.60 | 5521.54 | -1023.21 | 278.91 | 1060.54 | 0.94 |
| 6375.00 | 92.30 | 163.30 | 5520.15 | -1053.86 | 288.02 | 1092.50 | 1.56 |
| 6407.00 | 92.30 | 163.50 | 5518.86 | -1084.50 | 297.15 | 1124.47 | 0.62 |
| 6439.00 | 92.80 | 163.20 | 5517.44 | -1115.13 | 306.31 | 1156.43 | 1.82 |
| 6471.00 | 93.60 | 162.70 | 5515.65 | -1145.67 | 315.68 | 1188.37 | 2.95 |
| 6503.00 | 93.70 | 163.00 | 5513.62 | -1176.19 | 325.10 | 1220.29 | 0.99 |
| 6535.00 | 92.10 | 163.80 | 5512.00 | -1206.81 | 334.23 | 1252.24 | 5.59 |
| 6566.00 | 92.00 | 164.00 | 5510.89 | -1236.58 | 342.82 | 1283.22 | 0.72 |
| 6598.00 | 90.30 | 164.60 | 5510.25 | -1267.38 | 351.47 | 1315.21 | 5.63 |
| 6630.00 | 90.20 | 164.10 | 5510.11 | -1298.19 | 360.11 | 1347.21 | 1.59 |
| 6662.00 | 90.60 | 166.00 | 5509.88 | -1329.11 | 368.36 | 1379.21 | 6.07 |
| 6693.00 | 89.50 | 165.90 | 5509.86 | -1359.18 | 375.89 | 1410.20 | 3.56 |
| 6725.00 | 89.60 | 165.90 | 5510.11 | -1390.21 | 383.68 | 1442.19 | 0.31 |
| 6757.00 | 89.80 | 165.80 | 5510.28 | -1421.24 | 391.50 | 1474.18 | 0.70 |

Bottom Hole Closure 1474.18ft Along Azimuth 164.60°



Precision Drilling

ORIGINAL ~~RECEIVED~~ COMPUTALOG

COMPUTALOG Drilling Services, Inc

9802 W. I-20

Midland, Texas 79706

Tel. (432) 561-5500 • Fax (432) 561-5525

FACSIMILE COVER SHEET

Visit us on the Internet at <http://www.computalog.com>

| | |
|-------------------------------|-------------------------|
| To: <u>Cobra</u> | From: <u>Rick Eaton</u> |
| Attention: <u>Roy Edwards</u> | Date: <u>4-19-04</u> |
| Fax: <u>940-716-5110</u> | Pages: <u>3</u> |
| Re: | |

Urgent For Review Please Comment Please Reply Please Recycle

If you do not receive all pages, please call (432) 561-5500

COMMENTS:

CONFIDENTIALITY NOTICE: This facsimile transmission contains privileged and confidential information intended solely for the use of the recipient named above and should not be duplicated, disseminated or distributed by or to any person other than the intended recipient. If you have received this communication in error, please notify the sender immediately by telephone. Thank you.