

ORIGINAL

CORRECTED REPORT

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 # 9262

Name: Lowry Exploration, Inc

Address P.O. Drawer 1847

City/State/Zip Liberal, KS 67905-1847

Purchaser: Panhandle Eastern Pipeline Co.

Operator Contact Person: Ned Lowry

Phone (316) 624-8141

Contractor: Name: Gabbert & Jones, Inc.

License: 5842

Wellsite Geologist: \_\_\_\_\_

Designate Type of Completion

New Well  Re-Entry  Workover

Oil  SWD  Temp. Abd.

Gas  Inj  Delayed Comp.

Dry  Other (Core, Water Supply, etc.)

If OWM: old well info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Drilling Method:

Mud Rotary  Air Rotary  Cable

10/21/90 10/23/90 11/29/90

Spud Date Date Reached TD Completion Date

API NO. 15- 189-21,452-00-00

County Stevens

NE SW SW Sec. 21 Twp. 34 Rge. 37  East  West

1250 Ft. North from Southeast Corner of Section

4030 Ft. West from Southeast Corner of Section

(NOTE: Locate well in section plat below.)

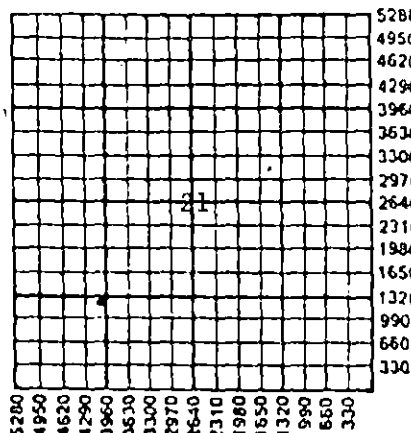
Lease Name Dunne-Hoffmann Well # H-2

Field Name Prarmigan

Producing Formation Chase series

Elevation: Ground 3149' KB 3154'

Total Depth 3060' PBTD 3014'



Amount of Surface Pipe Set and Cemented at 708 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set N/A Feet

If Alternate II completion, cement circulated from N/A

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cnt.

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.

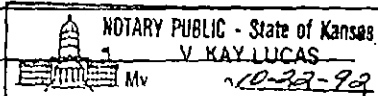
Signature Ned E. Lowry Ned E. Lowry

Title Pres. Date 2/11/91

Subscribed and sworn to before me this 11th day of February, 1991.

Notary Public V. Kay Lucas

Date Commission Expires \_\_\_\_\_



K.C.C. OFFICE USE ONLY

F  Letter of Confidentiality Attached

C  Wireline Log Received

C  Drillers Time Log Received

Distribution

KCC  SWD/Rep  NGA

KGS  Plug  Other (Specify)

PI

SIDE TWO

Operator Name Lowry Exploration, Inc. Lease Name Dunne-Hoffmann Well # H-2  
 Sec. 21 Twp. 34S Rge. 37  East  West  
 County Stevens

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<br>(Attach Additional Sheets.) | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Formation Description<br><br><input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample<br><br><table border="1"> <thead> <tr> <th>Name</th> <th>Top</th> <th>Bottom</th> </tr> </thead> <tbody> <tr> <td>Herrington</td> <td>2704</td> <td>2718</td> </tr> <tr> <td>Krider</td> <td>2730</td> <td>2778</td> </tr> <tr> <td>Winfield</td> <td>2788</td> <td>2822</td> </tr> <tr> <td>Towanda</td> <td>2842</td> <td>2900</td> </tr> <tr> <td>Ft. Riley</td> <td>2910</td> <td>2950</td> </tr> </tbody> </table> | Name   | Top | Bottom | Herrington | 2704 | 2718 | Krider | 2730 | 2778 | Winfield | 2788 | 2822 | Towanda | 2842 | 2900 | Ft. Riley | 2910 | 2950 |
|---|---|--|--------|-----|--------|------------|------|------|--------|------|------|----------|------|------|---------|------|------|-----------|------|------|
| Name  | Top   |  | Bottom |     |        |            |      |      |        |      |      |          |      |      |         |      |      |           |      |      |
| Herrington  | 2704  |  | 2718   |     |        |            |      |      |        |      |      |          |      |      |         |      |      |           |      |      |
| Krider  | 2730  |  | 2778   |     |        |            |      |      |        |      |      |          |      |      |         |      |      |           |      |      |
| Winfield  | 2788  | 2822   |        |     |        |            |      |      |        |      |      |          |      |      |         |      |      |           |      |      |
| Towanda   | 2842  | 2900   |        |     |        |            |      |      |        |      |      |          |      |      |         |      |      |           |      |      |
| Ft. Riley   | 2910  | 2950   |        |     |        |            |      |      |        |      |      |          |      |      |         |      |      |           |      |      |
| 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<br>(Submit Copy.)                    | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |  |        |     |        |            |      |      |        |      |      |          |      |      |         |      |      |           |      |      |

| 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 1/2"  | 8 5/8"                    | 24#             | 708'   | Prem Plus Lite          | 325          | 2%CC, 1/2# flocele         |
| Long String   | 7 7/8"   | 5 1/2"                    | 15.5#           | 3058'  | Prem Plus Lite          | 195          | 1/2# flocele               |
|   |  |                           |                 |  | Class H                 | 175          | 2%CC, 1/2# flocele         |
|   |  |                           |                 |  | 50-50 Pozmix w/thix set |              |                            |
| PERFORATION RECORD  |  |                           |                 | Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) |                         |              |                            |
| Shots Per Foot  | Specify Footage of Each Interval Perforated  |                           |                 | Depth  |                         |              |                            |
| 3   | Herrington 2706-16'  |                           |                 | 200 gal. 7 1/2% acid   |                         |              |                            |
| 3   | Krider 2732-76'  |                           |                 | 1800 gal. 7 1/2% acid  |                         |              |                            |
| 3   | Winfield 2790-2820'  |                           |                 |  |                         |              |                            |
| 3   | Towanda 2844-98'   |                           |                 | 112,000 gal. TWL-30 water  |                         |              |                            |
| 3   | Ft. Riley 2912-48'   |                           |                 | 320,000# sand  |                         |              |                            |
| TUBING RECORD   |  |                           |                 | Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No             |                         |              |                            |
| Size  | Set At   | Packer At                 |                 |  |                         |              |                            |
|   |  |                           |                 |  |                         |              |                            |
| Date of First Production  | Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) |                           |                 |  |                         |              |                            |
| 1/22/91   |  |                           |                 |  |                         |              |                            |
| Estimated Production Per 24 Hours   | Oil  | Bbls.                     | Gas             | 940 Mcf  | Water                   | Bbls.        | Gas-Oil Ratio              |
|   |  |                           |                 |  |                         |              | Gravity                    |

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

METHOD OF COMPLETION:  Open Hole  Perforation  Dually Completed  Coningled  Other (Specify) \_\_\_\_\_

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

ORIGINAL

GABBERT-JONES, INC.  
DRILLERS' WELL LOG

WELL NAME: DUNNE-HOFFMAN H-2  
SEC. 21-34S-37W  
STEVENS CO., KANSAS

COMMENCED: 10-21-90

COMPLETED: 10-24-90

OPERATOR: HOFFMAN OIL CO.

| Depth |      | Formation    | Remarks                      |
|-------|------|--------------|------------------------------|
| From  | To   |              |                              |
| 0     | 450  | Sand         | Ran 17 jts of 24# 8 5/8" csg |
| 450   | 1400 | Sand-Redbed  | w/200 sks Premium Plus       |
| 1400  | 2450 | Redbed-Shale | lite - 2% CC - 1/4# CF       |
| 2450  | 2740 | Shale-Lime   | 125 sks Premium Plus         |
| 2740  | 3060 | Shale        | 2% CC - 1/4# CF              |

3060 TD

Ran 70 jts of 15 1/2# 5 1/2" csg.  
set @ 3058' w/195 sks  
Halco lite Premium Plus  
1/4# FS - 55 sks Class H  
Posmix Premium Plus  
w/thickset additives  
2% CC - 1/4# FS  
PD @ 5:00 AM 10-24-90  
RR @ 6:00 AM 10-24-90

STATE OF KANSAS  
COUNTY OF SEDGWICK

FEB 13 1991

NOTARY PUBLIC  
STATE OF KANSAS

STATE OF KANSAS  
COUNTY OF SEDGWICK

) I, the undersigned, being duly sworn on oath,  
) state that the above Drillers' Well Log is true  
) and correct to the best of my knowledge and  
belief and according to the records of this office.

GABBERT-JONES, INC.

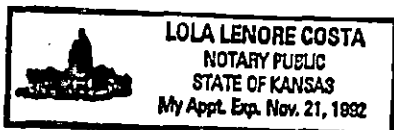
*[Signature]*  
James S. Sutton, H. -- President

Subscribed & sworn to before me this  
25th day of October, 1990

*[Signature]*

Lola Lenore Costa

My commission expires Nov. 21, 1992



DAILY DRILLING REPORT

43

CONTRACTOR

GABBERT + JONES INC.

DATE

10/21/90

COMPANY

LOWERY EXP. INC.

LEASE

DUNNE-HOFFMAN

WELL NO.

H-2

RIG NO.

11

DISTRICT

HUGOTON

COUNTY

STEVENS

STATE

KANSAS

D. P. STRING NO.

1

SIZE

4 1/2

| FROM       | TO  | FORMATION               | ROTARY SPEED | WEIGHT ON BIT | PUMP PRES. | NAME             | HRS. |
|------------|-----|-------------------------|--------------|---------------|------------|------------------|------|
|            |     |                         |              |               |            | DM Monty York    | 8    |
|            |     |                         |              |               |            | EM Scott Cook    | 8    |
|            |     |                         |              |               |            | H Herbert Morton | 8    |
| SLOPE TEST |     | ACCIDENT: - (GIVE NAME) |              | 20 GAL LIME   |            |                  |      |
| @          | FT. | #186.10                 |              |               |            |                  |      |
| DEG. OFF   |     |                         |              |               |            | DRLR Paul York   | 8    |

| BIT AND COREHEAD RECORD |  | MUD RECORD           |  | TIME RECORD |  | DRILL STEM RECORD |     |
|-------------------------|--|----------------------|--|-------------|--|-------------------|-----|
| RUN NO.                 |  | WEIGHT               |  | DRILLING    |  | SIZE D. P.        |     |
| SIZE                    |  | VISC.                |  | CORING      |  | SIZE COLL.        |     |
| MAKE                    |  | WTR. LOSS-C.C.       |  | OTHER       |  | JTS. D. P.        | FT. |
| SERIAL NO.              |  | FILTER CAKE          |  | REPAIRS     |  | KELLY DOWN        | FT. |
| DEPTH IN                |  | PH.                  |  | TRIP        |  | COLLARS           | FT. |
| HOURS RUN               |  | MTL. ADDED (REMARKS) |  |             |  | TOTAL             | FT. |

REMARKS: 7:00 - 3:00 Rig up

| FROM       | TO  | FORMATION               | ROTARY SPEED | WEIGHT ON BIT | PUMP PRES. | NAME                  | HRS. |
|------------|-----|-------------------------|--------------|---------------|------------|-----------------------|------|
| 0          | 450 | Sand                    | 120          | 1 1/5         | 800        | DM Johnnie Pineda     | 8    |
|            |     |                         |              |               |            | EM Kim Sanner         | 8    |
|            |     |                         |              |               |            | H Artemio Olivas      | 8    |
| SLOPE TEST |     | ACCIDENT: - (GIVE NAME) |              | FEB 13 1991   |            |                       |      |
| @          | FT. |                         |              |               |            | DRLR Dilbert Davis Jr | 8    |

| BIT AND COREHEAD RECORD |        | MUD RECORD           |  | TIME RECORD |          | DRILL STEM RECORD |     |
|-------------------------|--------|----------------------|--|-------------|----------|-------------------|-----|
| RUN NO.                 | A.R.T. | WEIGHT               |  | DRILLING    | 4 1/4    | SIZE D. P.        |     |
| SIZE                    | 12 1/4 | VISC.                |  | CORING      |          | SIZE COLL.        |     |
| MAKE                    | 5335F  | WTR. LOSS-C.C.       |  | OTHER       | Circ 1/4 | JTS. D. P.        | FT. |
| SERIAL NO.              | 509251 | FILTER CAKE          |  | REPAIRS     |          | KELLY DOWN        | FT. |
| DEPTH IN                | 0      | PH.                  |  | TRIP        |          | COLLARS           | FT. |
| HOURS RUN               | 4 1/4  | MTL. ADDED (REMARKS) |  |             | 4 1/2    | TOTAL             | FT. |

REMARKS: 7:00 TO 10:30 Rig up + Drill Rathole - 10:30 - 3:00 Drlg w/ 1/4 hr Circ

| FROM       | TO      | FORMATION  | ROTARY SPEED | WEIGHT ON BIT                | PUMP PRES. | NAME                | HRS. |
|------------|---------|--|--------------|------------------------------|------------|---------------------|------|
| 450        | 710     | Sand & Red Beds                                      | 120          | 15-200                       | 800        | DM Roy Beer         | 8    |
|            |         | CEM. W/ 200 S/S. PREMIUM PLUS LITE                   |              | W/ 2% C.C.                   |            | EM Charles Stephens | 8    |
|            |         | 1/4" SK CEMENT FLAKE - TALL W/ 126 S/S. PREMIUM PLUS |              |                              |            | H Lonnie Marquis    | 8    |
| SLOPE TEST |         | ACCIDENT: - (GIVE NAME)                              |              | 8'30 P.M. BY HALCC CEM. CIR. |            |                     |      |
| @          | 710 FT. |  |              |                              |            | DRLR Kevin Uff      | 8    |

| BIT AND COREHEAD RECORD |             | MUD RECORD           |        | TIME RECORD |        | DRILL STEM RECORD |     |
|-------------------------|-------------|----------------------|--------|-------------|--------|-------------------|-----|
| RUN NO.                 | HRT.        | WEIGHT               | 9.0    | DRILLING    | 2      | SIZE D. P.        |     |
| SIZE                    | 12 1/4      | VISC.                | 32     | CORING      | 1/4    | SIZE COLL.        |     |
| MAKE                    | SEC - 5335F | WTR. LOSS-C.C.       |        | OTHER       | RS 1/4 | JTS. D. P.        | FT. |
| SERIAL NO.              | 509251      | FILTER CAKE          | 1 1/4" | REPAIRS     | 2 1/2  | KELLY DOWN        | FT. |
| DEPTH IN                | 0           | PH.                  |        | TRIP        | 1      | COLLARS           | FT. |
| HOURS RUN               | 1 1/4       | MTL. ADDED (REMARKS) |        |             | 2 1/2  | TOTAL             | FT. |

REMARKS: 3:00 - 3:15 Rig Serv & Jet 3:15 - 5:15 Drly - 3:15 - 5:30 CIR. - 5:30 - 6:30 TRIP OUT F/8" CSC. 6:30 - 7:45 Rig up + RAIN 17 JTS. NEW 24" 8 1/2 CSC. TALL V 701.02 SET @ 708.02 CEMENT. HAGUE 8:30 - 11:00 W.O.C.

APPROVED: Willie Nesbitt



ORIGINAL

MONDAY

DAILY DRILLING REPORT  
43

|  |                                 |
|--|---------------------------------|
| CONTRACTOR<br><b>GABBERT &amp; JONES INC</b> | DATE<br><b>10/22/90</b>         |
| COMPANY<br><b>LOWERY EXP CO.</b>             | LEASE<br><b>DUNNE - HOFFMAN</b> |
| DISTRICT<br><b>HUGOTON</b>                   | COUNTY<br><b>STEVENS</b>        |
| STATE<br><b>KANSAS</b>                       | WELL NO.<br><b>H-2</b>          |
|  | RIG NO.<br><b>11</b>            |
|  | D. P. STRING NO.<br><b>1</b>    |
|  | SIZE<br><b>4 1/2</b>            |

| FROM       | TO       | FORMATION               | ROTARY SPEED | WEIGHT ON BIT | PUMP PRES. | NAME                      | HRS. |
|------------|----------|-------------------------|--------------|---------------|------------|---------------------------|------|
| 710        | W.O.C.   |                         |              |               |            | DM <b>Monty York</b>      | 8    |
|            |          |                         |              |               |            | EM <b>Scott Cook</b>      | 8    |
|            |          |                         |              |               |            | H <b>Herbert Motton</b>   | 8    |
| SLOPE TEST |          | ACCIDENT: - (GIVE NAME) |              |               |            |                           |      |
| @          | FT.      |                         |              |               |            |                           |      |
|            | DEG. OFF |                         |              |               |            | DRLR <b>Paul York</b> - 8 |      |

OCT 25 1990

| BIT AND COREHEAD RECORD                               |          | MUD RECORD           |  | TIME RECORD |   | DRILL STEM RECORD |     |
|---|----------|----------------------|--|-------------|---|-------------------|-----|
| RUN NO.   | 1 RR     | WEIGHT               |  | DRILLING    |   | SIZE D. P.        |     |
| SIZE  | 60 7/8   | VISC.                |  | CORING      |   | SIZE COLL.        |     |
| MAKE  | SEC-585F | WTR. LOSS-C.C.       |  | OTHER       |   | JTS. D. P.        | FT. |
| SERIAL NO.  | 522388   | FILTER CAKE          |  | REPAIRS     |   | KELLY DOWN        | FT. |
| DEPTH IN  | 710      | PH.                  |  | TRIP        |   | COLLARS           | FT. |
| HOURS RUN   | 8        | MTL. ADDED (REMARKS) |  | W.O.C       | 8 | TOTAL             | FT. |
| REMARKS: 11:00 - 7:00 W.O.C. DRIPPLE UP @ 2' 30" H.M. |          |                      |  |             |   |                   |     |

| FROM       | TO       | FORMATION               | ROTARY SPEED | WEIGHT ON BIT    | PUMP PRES. | NAME                             | HRS. |
|------------|----------|-------------------------|--------------|------------------|------------|----------------------------------|------|
| 710        | 1400     | Sandy Red Bed           | 70           | 25 <sup>00</sup> | 800        | DM <b>Johnnie Pineda</b>         | 8    |
|            |          |                         |              |                  |            | EM <b>Kim Inman</b>              | 8    |
|            |          |                         |              |                  |            | H <b>Artemio Olivas</b>          | 8    |
| SLOPE TEST |          | ACCIDENT: - (GIVE NAME) |              |                  |            |                                  |      |
| @ 1000     | FT.      | 20 gal 25 hulls         |              |                  |            |                                  |      |
| 1/2        | DEG. OFF | 1 line                  |              |                  |            | DRLR <b>Gilbert Davis Jr</b> - 8 |      |

RECEIVED  
FEB 13 1991  
\$386.80

| BIT AND COREHEAD RECORD  |          | MUD RECORD           |     | TIME RECORD |       | DRILL STEM RECORD |     |
|--|----------|----------------------|-----|-------------|-------|-------------------|-----|
| RUN NO.  | 1 RR     | WEIGHT               | 8.9 | DRILLING    | 6     | SIZE D. P.        |     |
| SIZE   | 7 7/8    | VISC.                | 32  | CORING      |       | SIZE COLL.        |     |
| MAKE   | SEC-585F | WTR. LOSS-C.C.       |     | OTHER       | W.O.C | JTS. D. P.        | FT. |
| SERIAL NO.   | 522388   | FILTER CAKE          | 10# | REPAIRS     | 1 1/2 | KELLY DOWN        | FT. |
| DEPTH IN   | 710      | PH.                  |     | TRIP        | 1/4   | COLLARS           | FT. |
| HOURS RUN  | 6        | MTL. ADDED (REMARKS) |     | Survey      | 1/4   | TOTAL             | FT. |
| REMARKS: 7:00 To 8:30 W.O.C 8:30 To 8:45 Only plug. 8:45-10:15 DRAG. 10:15-10:30 SURVEY 10:30-3:00 DRAG. Gloria - 1180' - 1396 |          |                      |     |             |       |                   |     |

| FROM       | TO         | FORMATION               | ROTARY SPEED | WEIGHT ON BIT | PUMP PRES. | NAME                        | HRS. |
|------------|------------|-------------------------|--------------|---------------|------------|-----------------------------|------|
| 1400       | 2050       | Red Beds & Shale        | 70           | 30-35         | 800        | DM <b>Roy Beer</b>          | 8    |
|            |            |                         |              |               |            | EM <b>Charles Stephens</b>  | 8    |
|            |            |                         |              |               |            | H <b>Lonnie Marquis</b>     | 8    |
| SLOPE TEST |            | ACCIDENT: - (GIVE NAME) |              |               |            |                             |      |
| 1/2        | @ 1506 FT. | Gel 25 Lime 1           |              |               |            |                             |      |
| 3/4        | DEG. OFF   | Mud Cost # 156.55       |              |               |            | DRLR <b>Kevin Cliff</b> - 8 |      |

| BIT AND COREHEAD RECORD  |          | MUD RECORD           |  | TIME RECORD |          | DRILL STEM RECORD |     |
|--|----------|----------------------|--|-------------|----------|-------------------|-----|
| RUN NO.  | 1 RR     | WEIGHT               |  | DRILLING    | 7 1/4    | SIZE D. P.        |     |
| SIZE   | 7 7/8    | VISC.                |  | CORING      |          | SIZE COLL.        |     |
| MAKE   | Sec 585F | WTR. LOSS-C.C.       |  | OTHER       | RS 1/4   | JTS. D. P.        | FT. |
| SERIAL NO.   | 522388   | FILTER CAKE          |  | REPAIRS     | 1/4      | KELLY DOWN        | FT. |
| DEPTH IN   | 710      | PH.                  |  | TRIP        | Pump 1/4 | COLLARS           | FT. |
| HOURS RUN  | 13 1/4   | MTL. ADDED (REMARKS) |  | TOTAL       |          | FT.               |     |
| REMARKS: 3:00-11:00 Drlg w/ 1/4 hr Rig Serv, Jet, & Survey & 1/4 hr Go thru Pump & 1/4 hr Jet @ 1995 |          |                      |  |             |          |                   |     |

APPROVED

*Willie Winbett*

TOOL PUSHER

DAILY DRILLING REPORT

43  
 CONTRACTOR Hackett + Jones DATE 10/23/90  
 COMPANY Lowrey Exp. Co LEASE Dunne-Hoffman WELL NO. 412 RIG NO. 11  
 DISTRICT Hugoton COUNTY Stevens STATE Kansas D. P. STRING NO. 1 SIZE 4 1/2

| FROM | TO   | FORMATION       | ROTARY SPEED | WEIGHT ON BIT | PUMP PRES. | NAME           | HRS. |
|------|------|-----------------|--------------|---------------|------------|----------------|------|
| 2050 | 2450 | Red Bed + shale | 78           | 350           | 800        | Marty York     | 8    |
|      |      |                 |              |               |            | Scott Cook     | 8    |
|      |      |                 |              |               |            | Herbert Morton | 8    |

SLOPE TEST @ 1 FT. ACCIDENT (GIVE NAME) Line 1 sk  
 DEG. OFF Mud 15 sks Bed 90.45 DRLR Paul York 8

| BIT AND COREHEAD RECORD |                 | MUD RECORD           |  | TIME RECORD    |              | DRILL STEM RECORD |     |
|-------------------------|-----------------|----------------------|--|----------------|--------------|-------------------|-----|
| RUN NO.                 | <u>LRK</u>      | WEIGHT               |  | DRILLING       | <u>1 1/4</u> | SIZE D. P.        |     |
| SIZE                    | <u>7 7/8</u>    | VISC.                |  | CORING         |              | SIZE COLL.        |     |
| MAKE                    | <u>SEC 585F</u> | WTR. LOSS-C.C.       |  | <u>Jet</u>     | <u>1/2</u>   | JTS. D. P.        | FT. |
| SERIAL NO.              | <u>522388</u>   | FILTER CAKE          |  | REPAIRS        | <u>1/2</u>   | KELLY DOWN        | FT. |
| DEPTH IN                | <u>710</u>      | PH.                  |  | <u>See Rig</u> | <u>1/2</u>   | COLLARS           | FT. |
| HOURS RUN               | <u>19 3/4</u>   | MTL. ADDED (REMARKS) |  |                |              | TOTAL             | FT. |

REMARKS: 1:00 - 7:00 Only w/ 1/2 hr. Jet 1/2 hr. Rig Ser.  
1/2 hr. Rig Repair

| FROM | TO   | FORMATION    | ROTARY SPEED | WEIGHT ON BIT | PUMP PRES. | NAME            | HRS. |
|------|------|--------------|--------------|---------------|------------|-----------------|------|
| 2450 | 2740 | Shale + Lime | 78           | 35/40         | 1000       | Johannie Pineda | 8    |
|      |      |              |              |               |            | Kim Enman       | 8    |
|      |      |              |              |               |            | Artemio Olivas  | 8    |

SLOPE TEST @ 2552 FT. ACCIDENT (GIVE NAME) 45 gal 4 s. ash  
 DEG. OFF 1/2 FEB 13 1991 DRLR Gilbert Davis 8

| BIT AND COREHEAD RECORD |                 | MUD RECORD           |              | TIME RECORD    |            | DRILL STEM RECORD |     |
|-------------------------|-----------------|----------------------|--------------|----------------|------------|-------------------|-----|
| RUN NO.                 | <u>LRK</u>      | WEIGHT               | <u>21/90</u> | DRILLING       | <u>7/4</u> | SIZE D. P.        |     |
| SIZE                    | <u>7 7/8</u>    | VISC.                | <u>32/32</u> | CORING         |            | SIZE COLL.        |     |
| MAKE                    | <u>SEC 585F</u> | WTR. LOSS-C.C.       |              | <u>1/4 Rig</u> | <u>1/4</u> | JTS. D. P.        | FT. |
| SERIAL NO.              | <u>522388</u>   | FILTER CAKE          |              | <u>Jet</u>     | <u>1/4</u> | KELLY DOWN        | FT. |
| DEPTH IN                | <u>710</u>      | PH. LCM              | <u>44/44</u> | <u>SURVEY</u>  | <u>1/4</u> | COLLARS           | FT. |
| HOURS RUN               | <u>27</u>       | MTL. ADDED (REMARKS) |              |                |            | TOTAL             | FT. |

REMARKS: 7:00 TO 3:00 Only. W / (1/4) Rig (1/4) SURVEY (1/4) Jet

| FROM | TO   | FORMATION | ROTARY SPEED | WEIGHT ON BIT | PUMP PRES. | NAME             | HRS. |
|------|------|-----------|--------------|---------------|------------|------------------|------|
| 2740 | 3060 | Shale     | 78           | 35-40         | 1000       | Roy Beer         | 8    |
|      |      |           |              |               |            | Charles Stephens | 8    |
|      |      |           |              |               |            | Lannie Marquis   | 8    |

T.D. @ 10:30 p.m. 10/23/90  
 SLOPE TEST @ 1 FT. ACCIDENT (GIVE NAME) Mud Cast # 514 53  
 DEG. OFF Get-17 Caustic-1 Ligco-2 DRLR Kevin Clift 8  
Milco-1 Hulls-15

| BIT AND COREHEAD RECORD |                 | MUD RECORD           |           | TIME RECORD |            | DRILL STEM RECORD |     |
|-------------------------|-----------------|----------------------|-----------|-------------|------------|-------------------|-----|
| RUN NO.                 | <u>LRK</u>      | WEIGHT               | <u>90</u> | DRILLING    | <u>7</u>   | SIZE D. P.        |     |
| SIZE                    | <u>7 7/8</u>    | VISC.                | <u>30</u> | CORING      |            | SIZE COLL.        |     |
| MAKE                    | <u>Sec 585F</u> | WTR. LOSS-C.C.       |           | <u>Surf</u> | <u>1/2</u> | JTS. D. P.        | FT. |
| SERIAL NO.              | <u>522388</u>   | FILTER CAKE          | <u>6*</u> | REPAIRS     |            | KELLY DOWN        | FT. |
| DEPTH IN                | <u>710</u>      | PH.                  |           | TRIP        |            | COLLARS           | FT. |
| HOURS RUN               | <u>24</u>       | MTL. ADDED (REMARKS) |           | <u>CIR</u>  | <u>1/2</u> | TOTAL             | FT. |

REMARKS: 3:00 - 10:00 Only w/ 1/2 hr Rig Serv. & Jet 10:30 - 11:00 CIR

**WORK ORDER CONTRACT  
AND PRE-TREATMENT DATA**

FORM 1908 R-7

A Division of Halliburton Company

ATTACH TO INVOICE & TICKET NO. 042956

DISTRICT L. Bernal KS.

DATE 10-21-90

TO: **HALLIBURTON SERVICES** YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO: Lowry Exploration (CUSTOMER) AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. H-2 LEASE DUNN HOFFMAN SEC. \_\_\_\_\_ TWP. \_\_\_\_\_ RANGE \_\_\_\_\_

FIELD \_\_\_\_\_ COUNTY STROVINS STATE KS OWNED BY Lowry Exploration

**THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT**

FORMATION NAME \_\_\_\_\_ TYPE \_\_\_\_\_  
FORMATION THICKNESS \_\_\_\_\_ FROM \_\_\_\_\_ TO \_\_\_\_\_  
PACKER: TYPE \_\_\_\_\_ SET AT \_\_\_\_\_  
TOTAL DEPTH 710 MUD WEIGHT \_\_\_\_\_  
BORE HOLE 12 1/4  
INITIAL PROD: OIL \_\_\_\_\_ BPD, H<sub>2</sub>O \_\_\_\_\_ BPD, GAS \_\_\_\_\_ MCF  
PRESENT PROD: OIL \_\_\_\_\_ BPD, H<sub>2</sub>O \_\_\_\_\_ BPD, GAS \_\_\_\_\_ MCF

|              | NEW USED | WEIGHT     | SIZE          | FROM       | TO            | MAX. ALLOW. P.S.I. |
|--------------|----------|------------|---------------|------------|---------------|--------------------|
| CASING       | <u>W</u> | <u>24"</u> | <u>298</u>    | <u>6.6</u> | <u>701.02</u> |                    |
| LINER        |          |            |               |            |               |                    |
| TUBING       |          |            |               |            |               |                    |
| OPEN HOLE    |          |            | <u>12 1/4</u> | <u>6.6</u> | <u>710'</u>   | SHOTS/FT.          |
| PERFORATIONS |          |            |               |            |               |                    |
| PERFORATIONS |          |            |               |            |               |                    |
| PERFORATIONS |          |            |               |            |               |                    |

PREVIOUS TREATMENT: DATE \_\_\_\_\_ TYPE \_\_\_\_\_ MATERIALS \_\_\_\_\_

TREATMENT INSTRUCTIONS: TREAT THRU TUBING  ANNULUS  CASING  TUBING/ANNULUS  HYDRAULIC HORSEPOWER ORDERED \_\_\_\_\_

CEMENT 298 SURFACE CASING.  
200 SACKS CLASS C CEMENT 12 1/4" O.C. 14" Flexible.  
125 SACKS CLASS C CEMENT 12 1/4" O.C. 14" Flexible.  
Displace with water

CUSTOMER OR HIS AGENT WARRANTS THE WELL IS IN PROPER CONDITION TO RECEIVE THE PRODUCTS, SUPPLIES, MATERIALS, AND SERVICES

- As consideration, the above-named Customer agrees: THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED
- To pay Halliburton in accord with the rates and terms stated in Halliburton's current price list. Invoices are 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 attorneys to enforce collection of said account, Customer agrees to pay all collection costs and attorney fees in the amount of 20% of the amount of the unpaid account.
  - To defend, indemnify, release and hold harmless Halliburton, its divisions, subsidiaries, parent and affiliated companies and the officers, directors, employees, agents and servants of all of them from and against any claims, liability, expenses, attorneys fees, and costs of defense to the extent permitted by law for:
    - Damage to property owned by, in the possession of, or leased by Customer, and/or the well owner (if different from Customer), including, but not limited to, surface and subsurface damage. The term "well owner" shall include working and royalty interest owners.
    - Reservoir, formation, or well loss or damage, subsurface trespass or any action in the nature thereof.
    - Personal injury or death or property damage (including, but not limited to, damage to the reservoir, formation or well), or any damages whatsoever, growing out of or in any way connected with or resulting from pollution, subsurface pressure, losing control of the well and/or a well blowout or the use of radioactive material.
  - The defense, indemnity, release and hold harmless obligations of Customer provided for in this Section b) and Section c) below shall apply to claims or liability even if caused or contributed to by Halliburton's negligence, strict liability, or the unseaworthiness of any vessel owned, operated, or furnished by Halliburton or any defect in the data, products, supplies, materials, or equipment of Halliburton whether in the preparation, design, manufacture, distribution, or marketing thereof, or from a failure to warn any person of such defect. Such defense, indemnity, release and hold harmless obligations of Customer shall not apply where the claims or liability are caused by the gross negligence or willful misconduct of Halliburton. The term "Halliburton" as used in said Sections b) and c) shall mean Halliburton, its divisions, subsidiaries, parent and affiliated companies, and the officers, directors, employees, agents and servants of all of them.
  - That because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, Halliburton is unable to guarantee the effectiveness of the products, supplies or materials, nor the results of any treatment or service, nor the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by Halliburton. Halliburton personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton shall not be liable for and Customer shall indemnify Halliburton against any damages arising from the use of such information.
  - That Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to Halliburton or, at Halliburton's option, to the allowance to the Customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, punitive or consequential damages.
  - That Customer shall, at its risk and expense, attempt to recover any Halliburton equipment, tools or instruments which are lost in the well and if such equipment, tools or instruments are not recovered, Customer shall pay Halliburton its replacement cost unless such loss is due to the sole negligence of Halliburton. If Halliburton equipment, tools or instruments are damaged in the well, Customer shall pay Halliburton the lesser of its replacement cost or the cost of repairs unless such damage is caused by the sole negligence of Halliburton. In the case of equipment, tools or instruments for marine operations, Customer shall, in addition to the foregoing, be fully responsible for loss of or damage to any of Halliburton's equipment, tools or instruments which occurs at any time after delivery to Customer at the landing until returned to the landing, unless such loss or damage is caused by the sole negligence of Halliburton.
  - To waive the provisions of the Deceptive Trade Practices - Consumer Protection Act, to the extent permitted by law.
  - That this contract shall be governed by the law of the state where services are performed or materials are furnished.
  - That Halliburton shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a duly authorized executive officer of Halliburton.

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT.  
SIGNED Willie Herbert CUSTOMER

DATE 10-21-90

TIME 1615 A.M. P.M.

To certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to services furnished under this contract.

CUSTOMER



ORIGINAL

WED.

DAILY DRILLING REPORT

43

CONTRACTOR: GABBERT + JONES INC

DATE: 10/24/90

COMPANY: LOWERY EXP. CO. LEASE: DUNNE - McFARLIN

DISTRICT: HUGOTON COUNTY: STEVENS STATE: KANSAS

WELL NO.: H-2 RIG NO.: 11

D. P. STRING NO.: 1 SIZE: 4 1/2

| FROM | TO   | FORMATION                                      | ROTARY SPEED  | WEIGHT ON BIT | PUMP PRES. | NAME           | HRS. |
|------|------|--|---------------|---------------|------------|----------------|------|
| 3060 | T.D. |  | Circ 7D-1/4   |               |            | MONTY YORK     | 8    |
|      |      | EMERGENCY ROOM                                 | Circ 1750-1/4 |               |            | SCOTT COOK     | 8    |
|      |      | STEVENS COUNTY HOSPITAL HUGOTON, KS.           |               |               |            | HERBERT MORTON | 8    |
|      |      | ACCIDENT: - (GIVE NAME) HERBERT MORTON         |               |               |            |                |      |
|      |      | @ 3060 FT. <del>PROBE</del> RIGHT FOOT + ANKLE |               |               |            |                |      |
|      |      | 1/2 DEG. OFF JT. D.P. FELL OFF RAMP + ONTO     |               |               |            | PAUL YORK      | 8    |

| BIT AND COREHEAD RECORD |  | MUD RECORD           |  | TIME RECORD |       | DRILL STEM RECORD |     |
|-------------------------|--|----------------------|--|-------------|-------|-------------------|-----|
| RUN NO.                 |  | WEIGHT               |  | DRILLING    |       | SIZE D. P.        |     |
| SIZE                    |  | VISC.                |  | CORING      | 1/4   | SIZE COLL.        |     |
| MAKE                    |  | WTR. LOSS-C.C.       |  | OTHER       | 3     | JTS. D. P.        | FT. |
| SERIAL NO.              |  | FILTER CAKE          |  | REPAIRS     | 2     | KELLY DOWN        | FT. |
| DEPTH IN                |  | PH.                  |  | TRIP        |       | COLLARS           | FT. |
| HOURS RUN               |  | MTL. ADDED (REMARKS) |  |             | 2 3/4 | TOTAL             | FT. |

REMARKS: 11:00-11:15 CIR @ 3060 / 11:15-2:15 L.T.D.P. + D.C.'S. (CIR @ 1750 115 MIN.) CELLAR WORK - 2:15-5:00 RIG UP + RAN 70 JTS NEW 15.5# 5/2 CSG. TALLY 3053 - SET @ 3058 - CEM. W/195SKS HALCO LITE PREMIUM

| FROM | TO | FORMATION   | ROTARY SPEED | WEIGHT ON BIT | PUMP PRES. | NAME           | HRS. |
|------|----|---|--------------|---------------|------------|----------------|------|
|      |    | PROV W/1/4#SK. FLOCCER - TAIL W/1/4#SK. CLASS A POZADIX PREMIUM |              |               |            | Joharie Pineda | 8    |
|      |    | W/THICK SET ADDITIVES - 2% C.C. W/1/4#SK.                       |              |               |            | Kim Suman      | 8    |
|      |    | FLOCCER PLUG DOWN @ 5:00 AM BY HALCO                            |              |               |            | Artemio Olivas | 8    |
|      |    | RIG RELEASED @ 6:00 AM 5:00-7:00 RIG DOWN                       |              |               |            |                |      |
|      |    | ACCIDENT: - (GIVE NAME) Waiter Rig Release                      |              |               |            |                |      |

| BIT AND COREHEAD RECORD |  | MUD RECORD           |  | TIME RECORD |  | DRILL STEM RECORD |     |
|-------------------------|--|----------------------|--|-------------|--|-------------------|-----|
| RUN NO.                 |  | WEIGHT               |  | DRILLING    |  | SIZE D. P.        |     |
| SIZE                    |  | VISC.                |  | CORING      |  | SIZE COLL.        |     |
| MAKE                    |  | WTR. LOSS-C.C.       |  | OTHER       |  | JTS. D. P.        | FT. |
| SERIAL NO.              |  | FILTER CAKE          |  | REPAIRS     |  | KELLY DOWN        | FT. |
| DEPTH IN                |  | PH.                  |  | TRIP        |  | COLLARS           | FT. |
| HOURS RUN               |  | MTL. ADDED (REMARKS) |  |             |  | TOTAL             | FT. |

REMARKS: Rig down & Drain up rig

| FROM | TO | FORMATION               | ROTARY SPEED | WEIGHT ON BIT | PUMP PRES. | NAME             | HRS. |
|------|----|-------------------------|--------------|---------------|------------|------------------|------|
|      |    |                         |              |               |            | Roy Beer         | 8    |
|      |    |                         |              |               |            | Charles Stephens | 8    |
|      |    |                         |              |               |            | Lonnie Marquis   | 8    |
|      |    | ACCIDENT: - (GIVE NAME) |              |               |            |                  |      |
|      |    | @ FT.                   |              |               |            |                  |      |
|      |    | DEG. OFF                |              |               |            | Kevin Clift      | 8    |

| BIT AND COREHEAD RECORD |  | MUD RECORD           |  | TIME RECORD |  | DRILL STEM RECORD |     |
|-------------------------|--|----------------------|--|-------------|--|-------------------|-----|
| RUN NO.                 |  | WEIGHT               |  | DRILLING    |  | SIZE D. P.        |     |
| SIZE                    |  | VISC.                |  | CORING      |  | SIZE COLL.        |     |
| MAKE                    |  | WTR. LOSS-C.C.       |  | OTHER       |  | JTS. D. P.        | FT. |
| SERIAL NO.              |  | FILTER CAKE          |  | REPAIRS     |  | KELLY DOWN        | FT. |
| DEPTH IN                |  | PH.                  |  | TRIP        |  | COLLARS           | FT. |
| HOURS RUN               |  | MTL. ADDED (REMARKS) |  |             |  | TOTAL             | FT. |

REMARKS: Rig Down

**HALLIBURTON SERVICES**  
Duncan, Oklahoma 73838

A Division of Halliburton Company

**BULK MATERIALS DELIVERY  
AND  
TICKET CONTINUATION**

**ORIGINAL**

FOR INVOICE AND  
TICKET NO. 042956

|                                       |                    |   |                                   |                                    |
|---------------------------------------|--------------------|---|-----------------------------------|------------------------------------|
| DATE<br><b>10-21-90</b>               | CUSTOMER ORDER NO. | WELL NO. AND FARM<br><b>Dunne Hoffman N-2</b> | COUNTY<br><b>Stevens</b>          | STATE<br><b>KS</b>                 |
| CHARGE TO<br><b>Lowry Exploration</b> |                    | OWNER<br><b>Same</b>                          | CONTRACTOR<br><b>No. B 857290</b> |                                    |
| MAILING ADDRESS                       |                    | DELIVERED FROM<br><b>Hugoton</b>              | LOCATION CODE<br><b>25535</b>     | PREPARED BY<br><b>Rick Rawlins</b> |
| CITY & STATE                          |                    | DELIVERED TO<br><b>Loc. S/Hugoton, KS</b>     | TRUCK NO.<br><b>3233-5302</b>     | RECEIVED BY<br><i>[Signature]</i>  |

| PRICE REFERENCE               | SECONDARY REF. OR PART NO. | CODE                                 |              | DESCRIPTION                 | UNITS 1            |                | UNITS 2            |       | UNIT PRICE | AMOUNT |                |  |
|-------------------------------|----------------------------|--------------------------------------|--------------|-----------------------------|--------------------|----------------|--------------------|-------|------------|--------|----------------|--|
|                               |                            | L                                    | D            |                             | QTY.               | MEAS.          | QTY.               | MEAS. |            |        |                |  |
| 504-050                       | 516.00265                  | 2                                    | B            | Premium Plus Cement         | 125                | sk             | -                  |       | 7.08       | 885    | 00             |  |
| 504-120                       |                            | 2                                    | B            | Halliburton Light Cement    | 200                | sk             |                    |       | 6.29       | 1258   | 00             |  |
| 507-210                       | 890.50071                  | 2                                    | B            | Flocele blended 1/2 lb/sk   | 81                 | lb             |                    |       | 1.30       | 105    | 30             |  |
| 509-406                       | 890.50812                  | 2                                    | B            | Calcium Chloride blended 2% | 6                  | sk             |                    |       | 26.25      | 157    | 50             |  |
| <b>THIS IS NOT AN INVOICE</b> |                            |                                      |              |                             |                    |                |                    |       |            |        |                |  |
|                               |                            | Returned Mileage Charge              | TOTAL WEIGHT |                             | LOADED MILES       |                | TON MILES          |       |            |        |                |  |
|                               |                            | SERVICE CHARGE ON MATERIALS RETURNED |              |                             |                    |                |                    |       | CU. FEET   |        |                |  |
| 500-207                       |                            | 2                                    | B            | SERVICE CHARGE              |                    |                | CU. FEET 342       |       | 1.10       | 376    | 20             |  |
| 500-306                       |                            | 2                                    | B            | Mileage Charge              | TOTAL WEIGHT 30755 | LOADED MILES 7 | TON MILES 107.6425 |       | .75        | 80     | 73             |  |
| No. <b>B 857290</b>           |                            | CARRY FORWARD TO INVOICE             |              |                             |                    |                |                    |       | SUB-TOTAL  |        | <b>2962 73</b> |  |



WORK ORDER CONTRACT  
AND PRE-TREATMENT DATA

FORM 1908 R-7

A Division of Halliburton Company

ATTACH TO INVOICE & TICKET NO. 042820

DISTRICT LIBERAL

DATE 10-23-90

TO: HALLIBURTON SERVICES YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO: Lowey Exploration (CUSTOMER) AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. H-2 LEASE DONNE HOFFMAN SEC. \_\_\_\_\_ TWP. \_\_\_\_\_ RANGE \_\_\_\_\_

FIELD \_\_\_\_\_ COUNTY STEVENS STATE KS OWNED BY Lowey Exploration

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME \_\_\_\_\_ TYPE \_\_\_\_\_  
FORMATION THICKNESS \_\_\_\_\_ FROM \_\_\_\_\_ TO \_\_\_\_\_  
PACKER: TYPE \_\_\_\_\_ SET AT \_\_\_\_\_  
TOTAL DEPTH \_\_\_\_\_ MUD WEIGHT \_\_\_\_\_  
BORE HOLE \_\_\_\_\_  
INITIAL PROD: OIL \_\_\_\_\_ BPD, H<sub>2</sub>O \_\_\_\_\_ BPD, GAS \_\_\_\_\_ MCF  
PRESENT PROD: OIL \_\_\_\_\_ BPD, H<sub>2</sub>O \_\_\_\_\_ BPD, GAS \_\_\_\_\_ MCF

|              | NEW USED | WEIGHT      | SIZE         | FROM         | TO          | MAX. ALLOW. P.S.I. |
|--------------|----------|-------------|--------------|--------------|-------------|--------------------|
| CASING       | <u>N</u> | <u>15.5</u> | <u>5.5</u>   | <u>KB</u>    | <u>3065</u> |                    |
| LINER        |          |             |              |              |             |                    |
| TUBING       |          |             |              |              |             |                    |
| OPEN HOLE    |          |             | <u>7 7/8</u> | <u>8 7/8</u> | <u>3060</u> | SHOTS/FT.          |
| PERFORATIONS |          |             |              |              |             |                    |
| PERFORATIONS |          |             |              |              |             |                    |
| PERFORATIONS |          |             |              |              |             |                    |

PREVIOUS TREATMENT: DATE \_\_\_\_\_ TYPE \_\_\_\_\_ MATERIALS \_\_\_\_\_

TREATMENT INSTRUCTIONS: TREAT THRU TUBING  ANNULUS  CASING  TUBING/ANNULUS  HYDRAULIC HORSEPOWER ORDERED  
Pump 10881 PRE-FLUSH - CEMENT 5 1/2 (16 W) 175 SK PREMIUM PLUS LITE W/ 4# FLOCELE - 175 SK PREMIUM 50/30 POZ W/ 270 TOTAL GEL, 170 THINSET Camp A, 170 THINSET Camp B, 290 CC, 40 FLOCELE - DISPLACE W/ H<sub>2</sub>O

CUSTOMER OR HIS AGENT WARRANTS THE WELL IS IN PROPER CONDITION TO RECEIVE THE PRODUCTS, SUPPLIES, MATERIALS, AND SERVICES

- As consideration, the above-named Customer agrees: THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED
- To pay Halliburton in accord with the rates and terms stated in Halliburton's current price list. Invoices are 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 attorneys to enforce collection of said account, Customer agrees to pay all collection costs and attorney fees in the amount of 20% of the amount of the unpaid account.
  - To defend, indemnify, release and hold harmless Halliburton, its divisions, subsidiaries, parent and affiliated companies and the officers, directors, employees, agents and servants of all of them from and against all claims, liability, expenses, attorneys fees, and costs of defense to the extent permitted by law for:
    - Damage to property owned by, in the possession of, or leased by Customer, and/or the well owner (if different from Customer), including, but not limited to, surface and subsurface damage. The term "well owner" shall include working and royalty interest owners.
    - Reservoir, formation, or well loss or damage, subsurface trespass or any action in the nature thereof.
    - Personal injury or death or property damage (including, but not limited to, damage to the reservoir, formation or well), or any damages whatsoever, growing out of or in any way connected with or resulting from pollution, subsurface pressure, losing control of the well and/or a well blowout or the use of radioactive material.

The defense, indemnity, release and hold harmless obligations of Customer provided for in this Section b) and Section c) below shall apply to claims or liability even if caused or contributed to by Halliburton's negligence, strict liability, or the unseaworthiness of any vessel owned, operated, or furnished by Halliburton or any defect in the data, products, supplies, materials, or equipment of Halliburton whether in the preparation, design, manufacture, distribution, or marketing thereof, or from a failure to warn any person of such defect. Such defense, indemnity, release and hold harmless obligations of Customer shall not apply where the claims or liability are caused by the gross negligence or willful misconduct of Halliburton. The term "Halliburton" as used in said Sections b) and c) shall mean Halliburton, its divisions, subsidiaries, parent and affiliated companies, and the officers, directors, employees, agents and servants of all of them.
  - That because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, Halliburton is unable to guarantee the effectiveness of the products, supplies or materials, nor the results of any treatment or service, nor the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by Halliburton. Halliburton personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton shall not be liable for and Customer shall indemnify Halliburton against any damages arising from the use of such information.
  - That Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to Halliburton or, at Halliburton's option, to the allowance to the Customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, punitive or consequential damages.
  - That Customer shall, at its risk and expense, attempt to recover any Halliburton equipment, tools or instruments which are lost in the well and if such equipment, tools or instruments are not recovered, Customer shall pay Halliburton its replacement cost unless such loss is due to the sole negligence of Halliburton. If Halliburton equipment, tools or instruments are damaged in the well, Customer shall pay Halliburton the lesser of its replacement cost or the cost of repairs unless such damage is caused by the sole negligence of Halliburton. In the case of equipment, tools or instruments for marine operations, Customer shall, in addition to the foregoing, be fully responsible for loss of or damage to any of Halliburton's equipment, tools or instruments which occurs at any time after delivery to Customer at the landing until returned to the landing, unless such loss or damage is caused by the sole negligence of Halliburton.
  - To waive the provisions of the Deceptive Trade Practices - Consumer Protection Act, to the extent permitted by law.
  - That this contract shall be governed by the law of the state where services are performed or materials are furnished.
  - That Halliburton shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a duly authorized executive officer of Halliburton.

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT.

SIGNED [Signature] CUSTOMER

DATE 10-24-90

TIME 5:00 A.M. P.M.

We certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to services furnished under this contract.

CUSTOMER



# BULK MATERIALS DELIVERY AND TICKET CONTINUATION

FOR INVOICE AND TICKET NO. 042820

ORIGINAL

|                                       |                    |  |                                   |                                    |
|---------------------------------------|--------------------|--|-----------------------------------|------------------------------------|
| DATE<br><b>10-23-90</b>               | CUSTOMER ORDER NO. | WELL NO. AND FARM<br><b>Dunn Hoffman H-2</b> | COUNTY<br><b>Stevens</b>          | STATE<br><b>Kansas</b>             |
| CHARGE TO<br><b>Lowry Exploration</b> |                    | OWNER<br><b>Same</b>                         | CONTRACTOR<br><b>No. B 857296</b> |                                    |
| MAILING ADDRESS                       |                    | DELIVERED FROM<br><b>Hugoton, Kansas</b>     | LOCATION CODE<br><b>50335</b>     | PREPARED BY<br><b>Don Phillips</b> |
| CITY & STATE                          |                    | DELIVERED TO<br><b>Loc. S/ Hugoton, Kns.</b> | TRUCK NO.                         | RECEIVED BY<br><i>Kinsinger</i>    |

| PRICE REFERENCE     | SECONDARY REF. OR PART NO. | CODE |   | DESCRIPTION                          | UNITS 1      |       | UNITS 2      |           | UNIT PRICE   | AMOUNT          |        |
|---------------------|----------------------------|------|---|--------------------------------------|--------------|-------|--------------|-----------|--------------|-----------------|--------|
|                     |                            | L    | D |                                      | QTY.         | MEAS. | QTY.         | MEAS.     |              |                 |        |
|                     |                            |      |   | 175 Cu. Ft. 50/50 Pozmix Cmt.        |              |       |              |           |              |                 |        |
| 504-043             | 516.00272                  | 2    | B | Premium Cement                       | 88           | sk    |              |           | 6.85         | 602             | 80     |
| 506-105             | 516.00286                  | 2    | B | Pozmix "A"                           | 87           | sk    |              |           | 3.91         | 340             | 17     |
| 506-121             | 516.00259                  | 2    | B | Halliburton Gel B/ 2%                | 3            | sk    |              |           |              |                 | NC     |
| 504-120             |                            | 2    | B | Halliburton Light Cement             | 195          | sk    |              |           | 6.29         | 1,226           | 55     |
| 507-210             | 890.50071                  | 2    | B | Flocele B/ 1/2 W/ 370 Cement         | 93           | lb    |              |           | 1.30         | 120             | 90     |
| 509-406             | 890.50812                  | 2    | B | Calcium Chloride B/ 2% W/ 175        | 3            | sk    |              |           | 26.25        | 78              | 75     |
| 508-101             | 70.15347                   | 2    | B | Thixset A blended 1% W/ 175          | 147          | Lb    |              |           | 5.35         | 786             | 45     |
| 508-103             | 70.15299                   | 2    | B | Thixset B blended .25% W/ 175        | 37           | Lb    |              |           | 7.45         | 275             | 65     |
|                     |                            |      |   | Returned Mileage Charge              | TOTAL WEIGHT |       | LOADED MILES |           | TON MILES    |                 |        |
|                     |                            |      |   | SERVICE CHARGE ON MATERIALS RETURNED |              |       |              |           | CU. FEET     |                 |        |
| 500-207             |                            | 2    | B | SERVICE CHARGE                       |              |       |              |           | CU. FEET 382 | 1.10            | 420 20 |
| 500-306             |                            | 2    | B | Mileage Charge                       | 33,494       |       | 7            |           | 117.229      | .75             | 87 92  |
| No. <b>B 857296</b> |                            |      |   | CARRY FORWARD TO INVOICE             |              |       |              | SUB-TOTAL |              | <b>39.39 39</b> |        |

THIS IS NOT AN INVOICE

RECEIVED  
DATE GOV  
FEB 13 1991  
CORP. OFFICE