

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

Operator: License # 32321

Name: Cleary Exploration, L.L.C.

Address 5821 NW Grand Blvd. - Suite A

City/State/Zip Oklahoma City, OK 73118

Purchaser: \_\_\_\_\_

Operator Contact Person: Ron Mercer

Phone (405) 848-5019

Contractor: Name: Duke Drilling Co., Inc.

License: 5929

Wellsite Geologist: Rick Holcomb

Designate Type of Completion  
 New Well  Re-Entry  Workover

Oil  SWD  SLOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

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

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

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

Deepening  Re-perf.  Conv. to Inj/SWD  
 Plug Back  PBTD  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Inj?)  Docket No. \_\_\_\_\_

08-05-98 08-10-98 08-11-98  
Spud Date Date Reached TD Completion Date

API NO. 15- 077-21360 0000

County Harper County, Kansas

C - SW - SE - Sec. 7 Twp. 34 Rge. 5 E  
660 Feet from (S)W (circle one) Line of Section

1980 Feet from (E)W (circle one) Line of Section

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

Lease Name Hoopes Well # 1-7

Field Name Un-named

Producing Formation NONE

Elevation: Ground 1230' KB 1238'

Total Depth 3850' PBTD 3850'

Amount of Surface Pipe Set and Cemented at 304 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)

Chloride content 56,000 ppm Fluid volume 900 bbls

Dewatering method used \_\_\_\_\_

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name \_\_\_\_\_

Lease Name \_\_\_\_\_ License No. \_\_\_\_\_

\_\_\_\_\_ Quarter Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S Rng. \_\_\_\_\_ E/W

County \_\_\_\_\_ Docket No. \_\_\_\_\_

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL 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 Operations Manager Date 8/27/98  
Subscribed and sworn to before me this 27th day of August, 1998.  
Notary Public [Signature]  
Date Commission Expires 4.8.2001

K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Geologist Report Received  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other  
(Specify)

Operator Name Cleary Exploration LLC

Lease Name Hoopes

Well # 1-7

Sec. 7 Twp. 34S Rge. 5

East  
 West

County Harper County, Kansas

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken  Yes  No  
(Attach Additional Sheets.)  
Samples Sent to Geological Survey  Yes  No  
Cores Taken  Yes  No  
Electric Log Run  Yes  No  
(Submit Copy.)

Log Formation (Top), Depth and Datum  Sample  
Name Top Datum

*Heebner / B - 3140'  
Toronto / B - 3270'  
T/Haskell - 3495'  
T/Tonkawa - 3550'  
T/Avant - 3800'  
RTD - 3850'*

List All E.Logs Run:  
*Comp. Neutron, Comp.  
Photo-Density Log, Array Induction*

CASING RECORD

New  Used

Report all strings set-conductor, surface, intermediate, production, etc.

| Purpose of String | Size Hole Drilled | Size Casing Set (In O.D.) | Weight Lbs./Ft. | Setting Depth | Type of Cement | # Sacks Used | Type and Percent Additives |
|-------------------|-------------------|---------------------------|-----------------|---------------|----------------|--------------|----------------------------|
| Surface           | 12-1/4"           | 8-5/8"                    | 23#             | 304'          | 60/40 Poz      | 200          | 3%cc 2%gel                 |
| Production        | 12-1/8"           |                           |                 |               |                |              |                            |

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 |
|----------------|--|--|
|                |  |  |
|                |  |  |
|                |  |  |

| TUBING RECORD | Size | Set At | Packer At | Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No |
|---------------|------|--------|-----------|--|
|               |      |        |           |  |

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

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

Disposition of Gas:  Vented  Sold  Used on Lease (If vented, submit ACO-18.) METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_ Production Interval \_\_\_\_\_

# ALLIED CEMENTING CO., INC. 9754

Federal Tax I.D.# 48-0727860

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

## ORIGINAL

SERVICE POINT:  
med. lodge, ks.

|                         |               |                  |                 |   |                              |                            |                             |
|-------------------------|---------------|------------------|-----------------|---|------------------------------|----------------------------|-----------------------------|
| DATE <u>8-11-98</u>     | SEC. <u>7</u> | TWP. <u>34s</u>  | RANGE <u>5w</u> | CALLED OUT <u>12:30 P.M.</u>            | ON LOCATION <u>3:00 A.M.</u> | JOB START <u>5:30 A.M.</u> | JOB FINISH <u>8:00 A.M.</u> |
| LEASE <u>Hoopes</u>     |               | WELL# <u>1-7</u> |                 | LOCATION <u>Anthony, 9E-4s-1/4w-N/4</u> |                              | COUNTY <u>Harper</u>       | STATE <u>Ks.</u>            |
| OLD OR NEW (Circle one) |               |                  |                 |   |                              |                            |                             |

CONTRACTOR Duke Drq. Co.  
 TYPE OF JOB Rotary Plug  
 HOLE SIZE 7 7/8 T.D.  
 CASING SIZE 8 5/8 x 24 DEPTH 304'  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 DRILL PIPE 4 1/2 x hole DEPTH 950'  
 TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_  
 PRES. MAX 250 MINIMUM 100  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_  
 CEMENT LEFT IN CSG. \_\_\_\_\_  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT \_\_\_\_\_

OWNER Clary Exploration  
 CEMENT  
 AMOUNT ORDERED 185 SXS CLASS A  
60/40/4% Gel

|          |   |       |
|----------|---|-------|
| COMMON   | @ | _____ |
| POZMIX   | @ | _____ |
| GEL      | @ | _____ |
| CHLORIDE | @ | _____ |
| _____    | @ | _____ |
| _____    | @ | _____ |
| _____    | @ | _____ |
| _____    | @ | _____ |
| _____    | @ | _____ |
| _____    | @ | _____ |
| HANDLING | @ | _____ |
| MILEAGE  | @ | _____ |

RECEIVED  
 KANSAS CORP. CONT.  
 1998 NOV 12 10 20 AM

**EQUIPMENT**

PUMP TRUCK CEMENTER Larry Oreiling  
 # 343 HELPER Kevin B  
 BULK TRUCK  
 # 301 DRIVER mark B.  
 BULK TRUCK  
 # \_\_\_\_\_ DRIVER \_\_\_\_\_

TOTAL \_\_\_\_\_

**REMARKS:**

**SERVICE**

950' - 35 SXS 60/40/4  
650' - 35 SXS 60/40/4  
354' - Circ to Surface w/100s  
60/40/4  
Rathole w/15 SXS  
Cement ed w/185 SXS 60/40/4% Gel

DEPTH OF JOB 950'  
 PUMP TRUCK CHARGE \_\_\_\_\_  
 EXTRA FOOTAGE \_\_\_\_\_ @ \_\_\_\_\_  
 MILEAGE \_\_\_\_\_ @ \_\_\_\_\_  
 PLUG \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_

TOTAL \_\_\_\_\_

CHARGE TO: Duke Drq. Co.  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

**FLOAT EQUIPMENT**

|       |   |       |
|-------|---|-------|
| _____ | @ | _____ |
| _____ | @ | _____ |
| _____ | @ | _____ |
| _____ | @ | _____ |
| _____ | @ | _____ |

TOTAL \_\_\_\_\_

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

TAX \_\_\_\_\_  
 TOTAL CHARGE \_\_\_\_\_  
 DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

SIGNATURE X Mike Godfrey

X MIKE Godfrey  
 PRINTED NAME

ORIGINAL

RECEIVED  
KANSAS CORP OIL  
1998 NOV 12 P 2:06



CEMENTING LOG

STAGE NO.

Date 8-11-98 District med lodge Ticket No. 9754  
Company Cleary Exploration Rig Duke Onk  
Lease Hoopes Well No. 1-7  
County Harper State KS  
Location Anthony, 9E-4s Field 7-34s-5w  
1/402-n/s

CEMENT DATA:

Spacer Type: Fresh H<sub>2</sub>O  
Amt. \_\_\_\_\_ Sks Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG

CASING DATA: PTA  Squeeze   
Surface  Intermediate  Production  Liner   
Size \_\_\_\_\_ Type \_\_\_\_\_ Weight \_\_\_\_\_ Collar \_\_\_\_\_

LEAD: Pump Time \_\_\_\_\_ hrs. Type \_\_\_\_\_  
Excess \_\_\_\_\_

Amt. \_\_\_\_\_ Sks Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG

TAIL: Pump Time \_\_\_\_\_ hrs. Type CLASS A  
Excess \_\_\_\_\_

Amt. 185 Sks Yield 1.39 ft<sup>3</sup>/sk Density 14.1 PPG

WATER: Lead \_\_\_\_\_ gals/sk Tail 6.7 gals/sk Total \_\_\_\_\_ Bbls.

Casing Depths: Top 304-85/8 Bottom \_\_\_\_\_

Pump Trucks Used 343 Kevin B. - MARK B.  
Bulk Equip. 301 MARK B.

Drill Pipe: Size 4 1/2 Weight 16.60 Collars whole  
Open Hole: Size 7 7/8 T.D. 3850 ft. P.B. to \_\_\_\_\_ ft.

Float Equip: Manufacturer \_\_\_\_\_

Shoe: Type \_\_\_\_\_ Depth \_\_\_\_\_

Float: Type \_\_\_\_\_ Depth \_\_\_\_\_

CAPACITY FACTORS:

Casing: Bbls/Lin. ft. 0637 Lin. ft./Bbl. 15.70

Centralizers: Quantity \_\_\_\_\_ Plugs Top \_\_\_\_\_ Btm. \_\_\_\_\_

Open Holes: Bbls/Lin. ft. 0602 Lin. ft./Bbl. 16.5899

Stage Collars \_\_\_\_\_

Drill Pipe: Bbls/Lin. ft. 0142 Lin. ft./Bbl. 70.32

Special Equip. \_\_\_\_\_

Annulus: Bbls/Lin. ft. 0406 Lin. ft./Bbl. 24.6474

Disp. Fluid Type Fresh H<sub>2</sub>O Amt. 18 Bbls. Weight 8.34 PPG

Bbls/Lin. ft. 0440 Lin. ft./Bbl. 22.72

Mud Type Chemical Weight 9.1 PPG

Perforations: From \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Amt. \_\_\_\_\_

COMPANY REPRESENTATIVE Mike Godfrey

CEMENTER Larry Dierling

| TIME | PRESSURES PSI |                   | FLUID PUMPED DATA |             |                        | REMARKS                                |
|------|---------------|-------------------|-------------------|-------------|------------------------|--|
|      | AM/PM         | DRILL PIPE CASING | ANNULUS           | TOTAL FLUID | Pumped Per Time Period |  |
| 5:35 |               |                   |                   |             |                        | 950' w/ 35sxs. 60/40/4                 |
|      |               | 200               |                   | 17          |                        | 5 1/2 Start Fresh H <sub>2</sub> O PAD |
|      |               |                   |                   | 8           |                        | 5 Start Cement - 35sxs.                |
| 5:46 |               | 100               |                   | 11          |                        | 5 Start H <sub>2</sub> O Displace      |
|      |               |                   |                   |             |                        | Stop Pumps                             |
| 6:05 |               | 175               |                   | 11          |                        | 650' w/ 35sxs. 60/40/4                 |
|      |               |                   |                   | 8           |                        | 5 Start Fresh H <sub>2</sub> O PAD     |
|      |               |                   |                   | 7           |                        | 5 Start Cement - 35sxs.                |
| 6:15 |               | 100               |                   | 7           |                        | 4 Start H <sub>2</sub> O Displace      |
|      |               |                   |                   |             |                        | Stop Pumps                             |
| 6:25 |               | 150               |                   | 18          |                        | 4 1/2 354' w/ 100 sxs. 60/40/4         |
|      |               |                   |                   |             |                        | Circ. to SURFACE                       |
| 7:40 |               | 50                |                   | 3           |                        | 3 Rathole w/ 15sxs. 60/40/4            |
|      |               |                   |                   |             |                        | Cemented w/ 185 sxs. 60/40/4%Gel       |

FINAL DISP. PRESS: \_\_\_\_\_ PSI BUMP PLUG TO \_\_\_\_\_ PSI BLEEDBACK \_\_\_\_\_ BBLs. THANK-YOU