

ORIGINAL

RELEASED

SEP 09 1992

SIDE ONE

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE 100'

API NO. 15- 171-20,433-0000 FROM CONFIDENTIAL

County Scott

W SW NE NE Sec. 28 Twp. 17S Rge. 31W East West

4290 Ft. North from Southeast Corner of Section

1090 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

Lease Name Janssen Well # 1-28

Field Name unnamed

Producing Formation none

Elevation: Ground 2934 KB 2941

Total Depth 4635 P8TD -0-

Operator: License # 5886

Name: Chief Drilling, Inc.

Address 224 E. Douglas, #530

City/State/zip Wichita, Kansas 67202

Purchaser: n/a

Operator Contact Person: Douglas W. Thimesch

Phone (316) 262-3791

Contractor: Name: Chief Drilling, Inc.

License: 5886

Wellsite Geologist: Ronald G. Dulos

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD Temp. Abd.

Gas Inj Delayed Comp.

Dry Other (Core, Water Supply, etc.)

If OWMO: old well info as follows:

Operator: _____

Well Name: _____

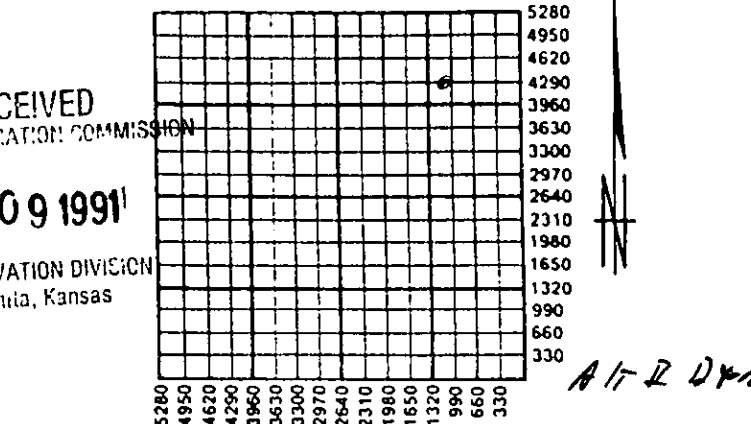
Comp. Date _____ Old Total Depth _____

Drilling Method:

Mud Rotary Air Rotary Cable

7-22-91 7-31-91 7-31-91

Spud Date Date Reached TD Completion Date



Amount of Surface Pipe Set and Cemented at 363' 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.

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 Douglas W. Thimesch
Title Vice President Date 8-7-91

Subscribed and sworn to before me this 7 day of August, 19 91.

Notary Public Betty M. Abbott

Date Commission Expires 1-22-95

BETTY M. ABBOTT
NOTARY PUBLIC
STATE OF KANSAS
My Appl. Exp. 1-22-95

K.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached

C Wireline Log Received

C Drillers Timelog Received

Distribution

KCC SWD/Rep NGPA

KGS Plug Other (Specify)

SIDE TWO

Operator Name Chief Drilling, Inc.

Lease Name Janssen

Well # 1-28

Sec. 28 Twp. 17S Rge. 31

East
 West

County Scott

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.)

Formation Description

Log Sample

Name Top Bottom

See attached sheet

See attached sheet

CASING RECORD

New Used

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

| Purpose of String | Size Hole Drilled | Size Casing Set (In O.D.) | Weight Lbs./Ft. | Setting Depth | Type of Cement | # Sacks Used | Type and Percent Additives |
|-------------------|-------------------|---------------------------|-----------------|---------------|-----------------|--------------|----------------------------|
| Surface | 12 1/4 | 8 5/8 | 20# | 363' | pozmix 60/40 | 200 | 3% c.c, 2% gel |
| | | | | | | | |
| | | | | | | | |

PERFORATION RECORD

Shots Per Foot Specify Footage of Each Interval Perforated

Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth

| | | | | | |
|--|--|--|--|--|--|
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TUBING RECORD

Size Set At Packer At Liner Run Yes No

Date of First Production Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours Oil Bbls. Gas 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 Commingled
 Other (Specify) _____

Production Interval

Chief Drilling, Inc. (Op. #5668).
 224 E. Douglas, #530
 Wichita, Kansas 67202

API# 15-171-20, 433-6000 SEP 09 1992
 #1-28 Janssen
 100' W SW NE NE
 Sec. 28-17S-31W FROM CONFIDENTIAL
 Scott County, Kansas

ACO-1 ATTACHMENT SHEET

DST #1 4210-4238 (Lans. 'K')
 30-45" 60-60" Rec. 220' MW
 FP 22/44# 66/120# BHP 935/837#
DST #2 4251-4300 (Lans. 'L')
 30-45" 60-60" Rec. 200' oily wtry
 mud, 180' OMW, 2270' water.
 FP 181/713# 830/947#, BHP 947/947#
DST #3 4349-4392 (Marm. 'B')
 30-30" 30-30", Rec. 1' O, 29' SOCM
 FP 12/12# 12/12#, BHP 595/830#
DST #4 4507-4595 (Johnson)
 30-30" 30-30", Rec. 25' O spt. Mud
 FP 24/24# 24/24#, BHP 312/324#
 Drilling ahead @ 4595'

FORMATION TOPS:

| | | |
|--------------|------|-------|
| Anhydrite | 2298 | +643 |
| Base/Anhy | 2321 | +620 |
| Heebner | 3903 | -962 |
| Lansing | 3943 | -1002 |
| Muncie Creek | 4124 | -1183 |
| Stark | 4215 | -1274 |
| Hushpuckney | 4251 | -1310 |
| BKC | 4294 | -1353 |
| Marmaton | 4323 | -1382 |
| Pawnee | 4426 | -1485 |
| Ft. Scott | 4471 | -1530 |
| Cherokee | 4497 | -1556 |
| Mississippi | 4590 | -1649 |
| RTD | 4635 | -1694 |

LOG TOPS:

| | | |
|-------------|------|-------|
| Anhydrite | 2296 | +645 |
| Base/Anhy | 2317 | +624 |
| Heebner | 3898 | -957 |
| Lansing | 3937 | -996 |
| Stark | 4214 | -1273 |
| BKC | 4295 | -1354 |
| Marmaton | 4324 | -1383 |
| Pawnee | 4427 | -1486 |
| Ft. Scott | 4468 | -1527 |
| Cherokee | 4494 | -1553 |
| Mississippi | 4568 | -1627 |
| LTD | 4634 | -1693 |

RECEIVED
 COMMISSION

AUG 09 1991

COMMISSION DIVISION
 Wichita, Kansas

ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

NO 1449
 SEP 09 1992

FROM CONFIDENTIAL

| | | | | | | | | | | | | | | | | |
|-------|---------|----------|-----|----------|-----|-------|----|---------------------|-----------|-------------|-----------|-----------|-----------|--------|------------|--|
| Date | 7-31-91 | Sec. | 24 | Twp. | 17S | Range | 31 | Called Out | 4:00 P.M. | On Location | 5:30 P.M. | Job Start | 9:00 P.M. | Finish | 11:00 P.M. | |
| Lease | Sept 91 | Well No. | 174 | Location | | | | Manning 1/2 4 Sinto | County | SCOTT | State | Ks | | | | |

New

Contractor *Chief Drilling*

Type Job *R. Plug*

Hole Size *7 7/8* T.D. *4635*

Csg. Depth

Tbg. Size Depth

Drill Pipe *4 1/2* Depth *2335*

Tool Depth

Cement Left in Csg. Shoe Joint

Press Max. Minimum

Meas Line Displace

Perf.

Owner *Chief Drilling, Inc.*

To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.

Chief

Charge To *Chief Drilling, Inc.*

Street *Box 240*

City *Hoisineton* State *Ko 67544*

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

Purchase Order No. *[Signature]*

X *[Signature]*

CEMENT

EQUIPMENT

| | | | |
|---------|-----------------|----------|---------------|
| Pumptrk | No. <i>#158</i> | Cementer | |
| | | Helper | |
| Pumptrk | No. | Cementer | <i>Bob</i> |
| | | Helper | <i>Sussan</i> |
| | | Driver | <i>Millo</i> |
| Bulktrk | <i>#69</i> | | |
| Bulktrk | | Driver | |

Amount Ordered *215 60/40 6% gel 1/4 pt Flo seal*

Consisting of

| | | | |
|--------------------|------------|-------------|-----------------------------|
| Common | <i>129</i> | <i>5.25</i> | <i>677.25</i> |
| Poz. Mix | <i>86</i> | <i>2.25</i> | <i>193.50</i> |
| Gel. | <i>13</i> | <i>6.75</i> | <i>87.75</i> |
| Chloride | | | |
| Quickset | | | |
| <i>Flo Seal 54</i> | <i>54</i> | <i>1.00</i> | <i>54.00</i> |
| Handling | <i>215</i> | <i>1.00</i> | <i>215.00</i> |
| Milage | <i>50</i> | | <i>430.00</i> |
| | | | Total <i>1657.50</i> |

DEPTH of Job

| | | |
|------------|---------------------------|----------------------------|
| Reference: | <i>Pump Truck charges</i> | <i>475.00</i> |
| <i>50</i> | <i>Milage</i> | <i>100.00</i> |
| | <i>12 3/4 O.H.P.</i> | <i>20.00</i> |
| | | Total <i>595.00</i> |

Remarks:

50' x 2335 10' x N.H.

50' x 1500 (By Millo & Cementing)

80' x 600 Thank you

10' x 40

15' x R.H.

Floating Equipment

Total *\$ 2252.50*

Disc 337.88

\$ 1914.62

STATE OF KANSAS COMMISSION

AUG 09 1991

CONSERVATION DIVISION
 W. Kansas

ORIGINAL

ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

RELEASED
 No. 93493
 SEP 09 1992

New

FROM CONFIDENTIAL

| | | | | | | | | | | | | | | | |
|-------|---------|----------|--------|----------|-----------------------|-------|-----|------------|--------|-------------|--------|-----------|--------|--------|--------|
| Date | 7-22-91 | Sec. | 28 | Fwp. | 17 s | Range | 31w | Called Out | 3:00PM | On Location | 6:00PM | Job Start | 7:15AM | Finish | 7:45PM |
| Lease | JANSSEN | Well No. | # 1-28 | Location | MANNING LW 1/4 S into | | | County | SCOTT | State | KANSAS | | | | |


| | | | |
|---------------------|---------------------|------------|--------------|
| Contractor | CHIEF DRIG. Rig # 2 | | |
| Type Job | SURFACE | | |
| Hole Size | 12 1/4 | T.D. | 366' |
| Csg. | 8 5/8 19 1/2 # | Depth | 365' |
| Tbg. Size | | Depth | |
| Drill Pipe | | Depth | |
| Tool | | Depth | |
| Cement Left in Csg. | 15' | Shoe Joint | |
| Press Max. | | Minimum | |
| Meas Line | | Displace | ✓ 22 1/2 BBL |
| Perf. | | | |

| | |
|--|---|
| Owner | To Allied Cementing Co., Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed. |
| Charge To | CHIEF DRILLING INC. |
| Street | Box 240 |
| City | Haisington State Kan 67544 |
| The above was done to satisfaction and supervision of owner agent or contractor. | |
| Purchase Order No. | |
| X | Marion Burris |
| CEMENT | |

| EQUIPMENT | | | |
|-----------|----------|----------|-------|
| Pumptrk | No. #177 | Cementer | Shy |
| | | Helper | Wiel |
| Pumptrk | No. | Cementer | |
| | | Helper | |
| Bulktrk | #160 | Driver | Jason |
| Bulktrk | | Driver | |

| | | | |
|----------------|--------------------------------|-------------|----------|
| Amount Ordered | 200 SK 6 3/4 @ 2.90 gal 376 cc | | |
| Consisting of | | | |
| Common | 120 | SKs @ 5.25 | 630.00 |
| Poz. Mix | 80 | SKs @ 2.25 | 180.00 |
| Gel. | 4 | SKs @ 6.75 | 27.00 |
| Chloride | 5 | SKs @ 21.00 | 105.00 |
| Quickset | | | |
| Sales Tax | | | |
| Handling | 1.00 PER SK | | 200.00 |
| Mileage | .04 PER TON MILE | 51 mile | 408.00 |
| Sub Total | | | |
| Total | | | 1,523.00 |

| DEPTH of Job | | |
|--------------|---------------------------|--------|
| Reference: | Pump Truck chrg | 380.00 |
| | 2.00 PER mile | 102.00 |
| | 1-8 5/8 WOODEN WIPER PLOG | 42.00 |
| Sub Total | | |
| Tax | | |
| Total | | 524.00 |

Remarks:
 Cement Circulated


Floating Equipment
 RECEIVED
 STATE COMMISSION

AUG 09 1991
 CONSERVATION DIVISION
 Wichita, Kansas