

FORM MUST BE TYPED

SIDE ONE

Plugged
4-9-93

ORIGINAL

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

Operator: License # 04782
Name: Ensign Operating Co.
Address 621 17th St.
Suite 1800
City/State/Zip Denver, CO 80293

Purchaser: _____

Operator Contact Person: J. C. SIMMONS

Phone (303) 293-9999

Contractor: Name: Chief Drilling, Inc.

License: 5886

Wellsite Geologist: Duane Moredock

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/Re-Entry: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD

Plug Back _____ PBDT

Commingled _____ Docket No. _____

Dual Completion _____ Docket No. _____

Other (SWD or Inj?) _____ Docket No. _____

4/1/93 4/8/93 D&A 4/9/93
Spud Date Date Reached TD Completion Date

API NO. 15- 165-21,629-0000

County Rush

SW - NE - SE - _____ Sec. 2 Twp. 19S Rge. 20 E W

1900 Feet from S/W (circle one) Line of Section

800 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 Wright Well # 1-2

Field Name Flavius

Producing Formation N/A

Elevation: Ground 2163 KB 2170

Total Depth 4360 PBDT _____

Amount of Surface Pipe Set and Cemented at 671 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from P&A

feet depth to _____ w/ _____ sx cmt.

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

Chloride content 20,000 ppm Fluid volume 2500 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

_____ Quarter Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Samela G Campbell
Title Sr. Engineering Technician Date 5/4/93

Subscribed and sworn to before me this 4th day of May, 19 93.

Notary Public Connie Jo Smith

Date Commission Expires 11/13/95

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

Operator Name Ensign Operating Co. Lease Name Wright Well # 1-2

Sec. 2 Twp. 19S Rge. 20 East West
 County Rush

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.)

List All E.Logs Run:

See attached

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

See attached

| CASING RECORD <input 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 | 8 5/8 | 24 | 671 | 60/40 POZMIX | 300 | 270 Gel, 3%CaCl |
| | | | | | | | |
| | | | | | | | |

| 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. | Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> 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 Perf. Dually Comp. Commingled

Production Interval _____

FORMATION TOPS

Ensign Operating Co.

No. 1-2 Wright

NE SE Sec 2, T19S, R20W

Rush County, Kansas

| | G.L. 2163' K.B. 2170' | Comparison Well SW SE 2-19S-20W K.B. 2169' | Drill Time And Samples | Wire Line Logs |
|-------------------|--------------------------|--|---------------------------|-------------------|
| Tertiary | | Surface +2164' | Surface +2170' | Surface +2170' |
| Cretaceous | | | | |
| Cenomanian | | | | |
| Greenhorn | 14' +2150' | | No Drill Time | 16' +2154' |
| Graneros | 150' +2019' | | 140' +2030' | 151' +2019' |
| Albian | | | | |
| Dakota | 173' +2044' | | 169' +2001' | 170' +2000' |
| Kiowa | 344' +1825' | | 350' +1820' | 348' +1822' |
| Cheyenne | 497' +1672' | | 492' +1678' | 498' +1672' |
| Permian | | | | |
| Glaudalupian | | | | |
| White Horse | 625' +1544' | | 639' +1531' | 640' +1530' |
| Leonardian | | | | |
| Nipewalla Gr. | | | | |
| Blaine | 685' +1484' | | 688' +1432' | 690' +1480' |
| Cedar Hills | 798' +1371' | | 804' +1366' | 804' +1366' |
| Sumner Gr. | | | | |
| Stone Corral | 1390' +779' | | 1396' +774' | 1396' +774' |
| Ninnescah | 1421' +748' | | 1428' +742' | 1430' +740' |
| Wellington | 1605' +564' | | 1606' +564' | 1606' +564' |
| Hutchinson | 1812' +357' | | 1812' +346' | 1818' +352' |
| Wolfcampian | | | | |
| Chase Gr. | | | | |
| Herington | 2276' -107' | | 2284' -114' | 2280' -110' |
| Winfield | 2350' -181' | | 2364' -194' | 2364' -194' |
| Gage Shale | 2375' -206' | | 2381' -212' | 2378' -209' |
| Towanda | 2415' -246' | | 2428' -258' | 2428' -258' |
| Fort Riley | 2462' -293' | | 2469' -299' | 2468' -298' |
| Wreford | 2600' -431' | | 2612' -442' | 2612' -442' |
| Council Grove Gr. | 2618' -440' | | 2624' -454' | 2626' -456' |
| Neva | 2797' -628' | | 2803' -633' | 2804' -634' |
| Red Eagle | 2861' -692' | | 2867' -697' | 2868' -698' |
| Foraker | 2895' -726' | | 2904' -734' | 2904' -734' |
| Admire Gr. | 2978' -809' | | 2985' -815' | 2986' -816' |

| G.L. 2163' K.B. 2170' | Comparison Well SW SE 2-19S-20W K.B. 2169' | Drill Time And Samples | Wire Line Logs |
|--------------------------|--|---------------------------|-------------------|
| Pennsylvanian | | | |
| Virgilian | | | |
| Wabaunsee Gr. | 3032' -863' | 3041' -871' | No Logs |
| Root Shale | 3125' -956' | 3136' -966' | No Logs |
| Shawnee Gr. | | | |
| Topeka | 3347' -1178' | 3357' -1187' | No Logs |
| Douglas Gr. | | | |
| Heebner | 3676' -1507' | 3690' -1520' | No Logs |
| Toronto | 3686' -1517' | 3700' -1530' | No Logs |
| Missourian | | | |
| Lansing Gr. | 3724' -1555' | 3736' -1606' | No Logs |
| Kansas City Gr. | | | |
| Bonner Spgs | 3796' 1627' | 3812' -1642' | No Logs |
| Base KC | 4010' -1841' | 4025' -1855' | 4022' -1852' |
| Demoinesian | | | |
| Marmaton Gr. | | | |
| Pawnee | 4085' -1916' | 4100' -1930' | 4102' -1932' |
| Labette | 4150' -1981' | 4173' -2003' | 4171' -2001' |
| Fort Scott | 4158' -1989' | 4190' -2020' | 4188' -2018' |
| Cherokee Gr. | | | |
| A Sandstone | 4172' -2003' | 4195' -2025' | 4194' -2024' |
| B Sandstone | 4194' -2025' | 4213' -2043' | 4212' -2042' |
| Mississippian | | | |
| Osagian | 4290' -2121' | 4308' -2138' | 4306' -2136' |
| Total Depth | 4293' -2124' | 4360' -2176' | 4355' -2171' |

15-165-21629-0000

TELEPHONE:
AREA CODE 913 483-2627

ALLIED CEMENTING COMPANY, INC.

P. O. BOX 31
RUSSELL, KANSAS 67665

ORIGINAL

*Wright
Conni Smith*

TO: Ensign Operating Co.
P. O. Box 2151
Liberal, KS 67901

INVOICE NO. 63637
PURCHASE ORDER NO. _____
LEASE NAME Wright #1-2
DATE 4-2-93

SERVICE AND MATERIALS AS FOLLOWS:

| | | |
|-------------------------------------|---------------|-------------------|
| Common 180 sks @ \$5.75 | \$1,035.00 | |
| Pozmix 120 sks @ \$3.00 | 360.00 | |
| Sol 6 sks @ \$7.00 | 42.00 | |
| Chloride 9 sks @ \$25.00 | <u>225.00</u> | \$1,662.00 |
| | | |
| Handling 300 sks @ \$1.00 | 300.00 | |
| Mileage (25) @ \$.04¢ per sk per mi | 300.00 | |
| Surface | 430.00 | |
| Mi @ \$2.25 pmp trk chg | 56.25 | |
| 380' @ \$.39¢ over 300' | 148.20 | |
| 1 plug | <u>42.00</u> | <u>1,276.45</u> |
| | Total | \$2,938.45 |

Cement circulated

Wright #2
92 D131, 5120
RWick

Thank you!

All Prices Are Net, Payable 30 Days Following Date of Invoice. 1½% Charged Thereafter. 4-13-93

15-165-21629-0000

TELEPHONE:
AREA CODE 913 483-2627

ALLIED CEMENTING COMPANY, INC.
P. O. BOX 31
RUSSELL, KANSAS 67665

ORIGINAL

TO: Ensign Operating Co.
P. O. Box 2161
Liberal, KS 67901

INVOICE NO. 63663
PURCHASE ORDER NO. _____
LEASE NAME Wright #1-2
DATE 4-9-93

SERVICE AND MATERIALS AS FOLLOWS:

| | | |
|------------------------------------|--------------|-------------------|
| Common 81 sks @\$5.75 | \$465.75 | |
| Pozmix 54 sks @\$3.00 | 162.00 | |
| Gel 8 sks @\$7.00 | <u>56.00</u> | \$ 683.75 |
| Handling 135 sks @\$1.00 | 135.00 | |
| Mileage (25) @\$.04¢ per sk per mi | 135.00 | |
| Rotary Plug | 430.00 | |
| Mi @\$2.25 pmp trk chg | <u>56.25</u> | <u>756.25</u> |
| | Total | \$1,440.00 |

Wright 1-2
920031, 5290
R. Wash

Thank you!

If account CURRENT 10% discount will be allowed ONLY if paid within 30 days from date of invoice.

All Prices Are Net, Payable 30 Days Following Date of Invoice. 1½% Charged Thereafter.

| | | |
|---------------------|-------------------------|---------------|
| DEPTH of Job | | |
| Reference: | Pumptrak Charge | 430.00 |
| | 25 Pumptrak Mileage | 56.25 |
| | Sub-Total | |
| | Tax | |
| | Total | 486.25 |
| Remarks: | Mixed - 50 sks at 1420' | |
| | 50 sks at 690' | |
| | 10 sks at 40' | |
| | 15 sks in Rathole | |
| | 10 sks in Mousehole | |

| | | |
|---|------|------------|
| Handling 135 | 1.00 | 135.00 |
| Mileage 25 | | 135.00 |
| RECEIVED | | |
| APR 21 1993 | | |
| ACCOUNTING | | |
| Total \$ | | 1440.00 |
| Disc - | | 288.00 |
| | | \$ 1152.00 |
| <i>Thanks Allied Cementing</i> <i>By Tim Dickson</i> | | |