

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

API NO. 15- 095-01, 0210000-0001

County Kingman

NE NE SW Sec. 20 Twp. 28S Rge. 9W X <sup>E</sup> <sub>W</sub>

2310' Feet from S (circle one) Line of Section

2310' Feet from E (circle one) Line of Section

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

Lease Name Swander Well # 2 OWWO

Field Name Pat Creek

DISPOSAL ~~Formation~~ Arbuckle

Elevation: Ground 1718' KB 1723'

Total Depth 4665' PBDT \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at 280' Feet

Multiple Stage Cementing Collar Used? Yes X No \_\_\_\_\_

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from \_\_\_\_\_

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

Drilling Fluid Management Plan REENTRY JK 4-23-98  
(Data must be collected from the Reserve Pit)

Chloride content \_\_\_\_\_ ppm Fluid volume U/K bbls

Dewatering method used U/K EVAPORATION

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

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

Lessee Name \_\_\_\_\_ License No. \_\_\_\_\_

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

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

Operator: License # 31739

Name: Iuka/Carmi Development LLC

Address P.O. Box 847

City/State/Zip Pratt, KS 67124

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

Operator Contact Person: Kenneth C. Gates

Phone (316) 6520 Ext. 10

Contractor: Name: Pratt Well Service, Inc.

License: 5893

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

Designate Type of Completion

\_\_\_\_ New Well XXX Re-Entry \_\_\_\_\_ Workover \_\_\_\_\_

\_\_\_\_ Oil XX SWD \_\_\_\_\_ SLOW \_\_\_\_\_ Temp. Abd.

\_\_\_\_ Gas \_\_\_\_\_ ENHR \_\_\_\_\_ SIGW \_\_\_\_\_

\_\_\_\_ Dry \_\_\_\_\_ Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Reentry: Old Well Info as follows:

Operator: Iuka/Carmi Development LLC

Well Name: Swander #2

Comp. Date: 6/48 Old Total Depth 4614'

XXX Deepening \_\_\_\_\_ Re-perf. \_\_\_\_\_ Conv. to Inj/SWD \_\_\_\_\_

\_\_\_\_ Plug Back \_\_\_\_\_ PBDT \_\_\_\_\_

\_\_\_\_ Commingled \_\_\_\_\_ Docket No. \_\_\_\_\_

\_\_\_\_ Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_

\_\_\_\_ Other (SWD or Inj?) \_\_\_\_\_ Docket No. \_\_\_\_\_

8-4-96 11-11-97

Date of REENTRY Date Reached TD Completion Date

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 Kenneth W. Furgason

Title Production Clerk Date 12-22-97

Subscribed and sworn to before me this 23<sup>rd</sup> day of December, 19 97.

Notary Public Kenneth W. Furgason

Date Commission Expires 06/19/00

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

KENNETH W. FURGASON  
Notary Public - State of Kansas  
My Appt. Expires 06/19/00

Operator Name Iuka/Carmi Development LLC

Lease Name Swander #2

Well # 2

Sec. 20 Twp. 28S Rge. 9W

East  
 West

County Kingman

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: RADIATION GUARD

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

| 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   | U/K               | 8 5/8"                    | U/K             | 265'          |                |              |                            |
| Production  | 7 7/8"            | 5 1/2"                    | 14.5#           | 4599'         | ASC            | 175          | 2% Gel                     |
|   | 4 7/8"            |                           |                 | 4629'         |                |              |                            |

| 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 |
|----------------|--|--|-------|
| OPEN HOLE      | 4599-4629'   | 500 GALLONS 20%  |       |
|                |  |  |       |
|                |  |  |       |

| TUBING RECORD                                  |                         | Size                  | Set At  | Packer At     | Liner Run | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |  |
|--|-------------------------|-----------------------|---|---------------|-----------|---|--|
|  |                         | 2 3/8"                | Duo-line  | 4570'         |           |   |  |
| Date of First, Resumed Production, SMD 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 $\frac{N}{A}$ Bbls. | Gas $\frac{N}{A}$ Mcf | Water Bbls.   | Gas-Oil Ratio | Gravity   |   |  |

Disposition of Gas: METHOD OF COMPLETION

Vented  Sold  Used on Lease  
(If vented, submit ACO-18.)

Open Hole  Perf.  Dually Comp.  Commingled  
 Other (Specify) \_\_\_\_\_

INJECTION ~~Interval~~

4599'-4629'

# ALLIED CEMENTING CO., INC.

4531

ORIGINAL

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

SERVICE POINT:

Area of Bond

|   |               |                |                |   |                            |                           |                            |
|---|---------------|----------------|----------------|---|----------------------------|---------------------------|----------------------------|
| DATE <u>8-7-86</u>  | SEC <u>20</u> | TWP. <u>28</u> | RANGE <u>9</u> | CALLED OUT <u>2:00 PM</u>               | ON LOCATION <u>5:30 AM</u> | JOB START <u>10:00 AM</u> | JOB FINISH <u>12:00 PM</u> |
| LEASE <u>Swander</u> WELL # <u>2</u>                                      |               |                |                | LOCATION <u>Cunningham 50 on 57 Hwy</u> |                            | COUNTY <u>Kingman</u>     | STATE <u>K.S.</u>          |
| OLD OR <input checked="" type="radio"/> NEW (Circle one) <u>Wash Down</u> |               |                |                | <u>45 1/2 C M/S</u>                     |                            |                           |                            |

CONTRACTOR Pickrell Drilling Rig #1

TYPE OF JOB Long String Pipe Job

HOLE SIZE 7 1/8 T.D. 4609.44

CASING SIZE 5 1/2 DEPTH 4609.44

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX 1200# MINIMUM 500#

MEAS. LINE 4589# SHOE JOINT 20.22#

CEMENT LEFT IN CSG. 20.22#

PERFS. Displacement 111.7 bbl

OWNER Same

CEMENT

AMOUNT ORDERED

ASC 175# 1 1/2 gal 5" Kolsand pr. sk.

|                        |                  |             |                   |
|------------------------|------------------|-------------|-------------------|
| COMMON                 | <u>175 ASC @</u> | <u>7.85</u> | <u>1373.75</u>    |
| POZMIX                 | @                |             |                   |
| GEL                    | <u>2 @</u>       | <u>9.50</u> | <u>19.00</u>      |
| CHLORIDE               | @                |             |                   |
| <u>Mud Sweep 300#</u>  | @                | <u>1.80</u> | <u>540.00</u>     |
| <u>Kol Seal - 875#</u> | @                | <u>.38</u>  | <u>332.50</u>     |
|                        | @                |             |                   |
|                        | @                |             |                   |
|                        | @                |             |                   |
| HANDLING               | <u>175 @</u>     | <u>1.05</u> | <u>183.75</u>     |
| MILEAGE                | <u>25</u>        |             | <u>175.00</u>     |
| <u>Pratt</u>           |                  |             |                   |
| TOTAL                  |                  |             | <u>\$ 2624.00</u> |

EQUIPMENT

PUMP TRUCK CEMENTER Mike m

# 120 HELPER Duane S.

BULK TRUCK

# \_\_\_\_\_ DRIVER \_\_\_\_\_

BULK TRUCK

# 259 DRIVER John

REMARKS:

Circulate Hole with Rig mud pump

Mix Cement plug Rat Hole

Pump Mud Flush Down mix Rest of

The Cement Down the Pipe Release the plug

Displace Plug Down with water

Float did hold

Plug landed with 1200#

SERVICE

DEPTH OF JOB 4609 #

PUMP TRUCK CHARGE 1156.00

EXTRA FOOTAGE @ \_\_\_\_\_

MILEAGE 25 @ 2.85 71.25

PLUG 1-2 1/2 Rubber plug @ 50.00 50.00

@ \_\_\_\_\_

@ \_\_\_\_\_

TOTAL \$ 1277.25

CHARGE TO: John Carm!

STREET P.O. Box 817

CITY Pratt STATE Kansas ZIP 67124

316-672-2531

FLOAT EQUIPMENT

|                             |   |               |                  |
|-----------------------------|---|---------------|------------------|
| <u>1-5 1/2 Guide shoe</u>   | @ | <u>168.00</u> | <u>168.00</u>    |
| <u>1-5 1/2 Insert</u>       | @ | <u>263.00</u> | <u>263.00</u>    |
| <u>5-5 1/2 Centralizers</u> | @ | <u>56.00</u>  | <u>280.00</u>    |
|                             | @ |               |                  |
|                             | @ |               |                  |
| TOTAL                       |   |               | <u>\$ 711.00</u> |

Thank you  
Allied Cementing Co Inc  
Mike + Duane + John

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.

SIGNATURE [Signature]

TAX - 0 -

TOTAL CHARGE \$ 4612.25

DISCOUNT \$ 691.84 IF PAID IN 30 DAYS

RECEIVED  
KANSAS CORP COMM  
DEC 24 1987  
Net \$ 3920.41