

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

API NO. 15- 163-23333-0000 ORIGINAL

County ROOKS
E/2 - NE - NW - NE Sec 29 Twp. 10 Rge. 20 X W

Operator: License # 5259

330 Feet from S/N (circle one) Line of Section

Name: MAI OIL OPERATIONS, INC.

1525 Feet from E/W (circle one) Line of Section

Address P.O. BOX 33

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

City/State/Zip RUSSELL, KS. 67665

Lease Name VEATCH Well # 2

Purchaser: NCRA

Field Name TRICO

Operator Contact Person: ALLEN BANGERT

Producing Formation ARBUCKLE

Phone (785) 483-2169

Elevation: Ground 2205 KB 2210

Contractor: Name: MURFIN DRILLING CO., INC.

Total Depth 3860' PBDT 3828'

License: 30606

Amount of Surface Pipe Set and Cemented at 219 Feet

Wellsite Geologist: TODD MORGENSTERN

Multiple Stage Cementing Collar Used? Yes No

Designate Type of Completion
 New Well Re-Entry Workover

If yes, show depth set Feet

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

If Alternate II completion, cement circulated from 1684'

feet depth to SURFACE w/ 225 sx cmt.

If Workover:

Drilling Fluid Management Plan NOT 2 KGR 8/07/07
(Data must be collected from the Reserve Pit)

Operator:

Chloride content 15,000 ppm Fluid volume 160 bbls

Well Name:

Dewatering method used LET DRY AND BACKFILL

Comp. Date Old Total Depth:

Location of fluid disposal if hauled offsite:

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

Operator Name

Lease Name License No.

8-9-2001 8-16-2001 8-16-2001
Spud Date Date Reached TD Completion Date

 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 Allen Bangert

Title Prod. Supt Date 12-10-2001

Subscribed and sworn to before me this 10th day of December, 2001.

Notary Public Verma May Hutchings

Date Commission Expires April 10, 2005

| 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 type="checkbox"/> | KCC | <input type="checkbox"/> SWD/Rep |
| <input type="checkbox"/> | KGS | <input type="checkbox"/> Plug |
| <input type="checkbox"/> | | <input type="checkbox"/> NGPA |
| | | <input type="checkbox"/> Other |
| | | (Specify) |

VERMA MAY HUTCHINGS
State of Kansas
Notary Public
Appt. Exp. 4-10-05

RECEIVED
DEC 11 2001
KCC WICHITA

Operator Name MAI OIL OPERATIONS, INC. Lease Name VEATCH Well # 2

Sec. 29 Twp. 10 Rge. 20 East West
 County ROOKS

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:
 DUAL INDUCTION
 COMPENSATED NEUTRON DENSITY

| Name | Top | Datum |
|----------------|------|-------|
| ANHYDRITE | 1683 | 527 |
| BASE ANHYDRITE | 1727 | 483 |
| TOPEKA | 3052 | -1042 |
| HHEEBNER | 3455 | -1245 |
| LANSING | 3494 | -1284 |
| BKC | 3710 | -1500 |
| ARBUCKLE | 3776 | -1566 |

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# | 219' | 60-40 POZ | 150 | 2% GELL 3% CC |
| PRODUCTION | 9 7/8" | 5 1/2" | 14# | 3860' | ASO | 190 | 2% GEL 10% SALT |

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 |
|----------------|--|--|-------|
| 4 | 3792-97' | | |
| | | | |
| | | | |

| | | | | |
|--|--|--------------|---------------|--|
| TUBING RECORD | Size 2 7/8" | Set At 3823' | 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 checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) | | | |
| 9-1-2001 | | | | |
| Estimated Production Per 24 Hours | Oil Bbls. 15 | Gas Mcf | Water Bbls. 0 | 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 3792-97'
 Other (Specify) _____

1005 11 2001
 PRODUCTION

ALLIED CEMENTING CO., INC. 0998.

ORIGINAL

Federal Tax I.D.# 6533

TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Russell

| | | | | | | | |
|--|----------------|-----------------|-----------------|---------------------------------------|---------------------------|-------------------------|--------------------------|
| DATE <u>8-9-01</u> | SEC. <u>29</u> | TWP. <u>10</u> | RANGE <u>20</u> | CALLED OUT <u>2:00pm</u> | ON LOCATION <u>4:00pm</u> | JOB START <u>4:45pm</u> | JOB FINISH <u>5:15pm</u> |
| LEASE <u>VEATCH</u> | | WELL # <u>2</u> | | LOCATION <u>Palco Booster Station</u> | | COUNTY <u>ROCKS</u> | STATE <u>KANSAS</u> |
| OLD OR <input checked="" type="radio"/> NEW (Circle one) | | | | <u>4S 1/4 W 1/4 S10</u> | | | |

CONTRACTOR MURFIN Dalg. Rig # 8 OWNER _____

TYPE OF JOB SURFACE

| | |
|--------------------------|------------------|
| HOLE SIZE <u>12 1/4</u> | T.D. <u>220</u> |
| CASING SIZE <u>8 5/8</u> | DEPTH <u>219</u> |
| TUBING SIZE _____ | DEPTH _____ |
| DRILL PIPE _____ | DEPTH _____ |
| TOOL _____ | DEPTH _____ |
| PRES. MAX _____ | MINIMUM _____ |
| MEAS. LINE _____ | SHOE JOINT _____ |

CEMENT LEFT IN CSG. 15' 20'

PERFS. _____

| | |
|---|------------------------------|
| CEMENT AMOUNT ORDERED <u>150 SK 60/40</u> | |
| <u>2 20 GEL</u> | |
| <u>3 20 CC</u> | |
| COMMON <u>90</u> | @ <u>6.65</u> <u>598.50</u> |
| POZMIX <u>60</u> | @ <u>3.55</u> <u>213.00</u> |
| GEL <u>3</u> | @ <u>10.00</u> <u>30.00</u> |
| CHLORIDE <u>5</u> | @ <u>30.00</u> <u>150.00</u> |
| _____ | @ _____ |
| _____ | @ _____ |
| _____ | @ _____ |
| _____ | @ _____ |
| _____ | @ _____ |
| HANDLING <u>158</u> | @ <u>1.40</u> <u>173.20</u> |
| MILEAGE <u>4 1/2 SK / MILE</u> | <u>221.20</u> |

DISPLACEMENT 13 / BBL

EQUIPMENT _____

PUMP TRUCK CEMENTER Glenn

345 HELPER Dave

BULK TRUCK _____

282 DRIVER DARIN

BULK TRUCK _____

_____ DRIVER _____

RECEIVED

DEC 11 2001

NCC WICHITA SERVICE

TOTAL 1396.50

REMARKS:

Cement Did Circulate

THANK'S

| | |
|--------------------------|-----------------------------|
| DEPTH OF JOB _____ | |
| PUMP TRUCK CHARGE _____ | <u>520.00</u> |
| EXTRA FOOTAGE _____ | @ _____ |
| MILEAGE <u>35</u> | @ <u>3.00</u> <u>105.00</u> |
| PLUG <u>8 5/8 WOODEN</u> | @ <u>45.00</u> |
| _____ | @ _____ |
| _____ | @ _____ |

TOTAL 670.00

CHARGE TO: MAI OIL OPERATIONS INC.

STREET _____

CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

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

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist company

TOTAL

ALLIED CEMENTING CO., INC. ORIGINAL

Federal Tax I.D.#

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

SERVICE POINT: R

| | | | | | | | |
|-------------------------|-----------------|--|-------|---------------|-----------------------------|-----------------|-----------------------------|
| DATE <u>8/15/01</u> | SEC. | TWP. | RANGE | CALLED OUT | ON LOCATION <u>7:00p.m.</u> | JOB START | JOB FINISH <u>11:15p.m.</u> |
| LEASE <u>Veatch</u> | WELL # <u>2</u> | LOCATION <u>Ellis N. to Co. line 1/4 W</u> | | | COUNTY <u>Rooks</u> | STATE <u>Ks</u> | |
| OLD OR NEW (Circle one) | | | | <u>S INTO</u> | | | |

CONTRACTOR Murfin #8

TYPE OF JOB Production String

HOLE SIZE 7 7/8" T.D. 3860'

CASING SIZE 5 1/2" DEPTH 3860'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL Port Collar DEPTH 1684'

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT 32.50

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT 93 1/2 Bbl.

EQUIPMENT

PUMP TRUCK CEMENTER Paul

153 HELPER Jason

BULK TRUCK

282 DRIVER Brent

BULK TRUCK

DRIVER

REMARKS:

Cent. on #95 (Shoe Joint), 98, 94, 91, 88, 85, 83

Basket on #47. Port Collar on #46.

Mixed 600gal. Mud Sweep. Followed w/105' sx ASC.

15'sx Rathole

10'sx Mousehole

CHARGE TO: Mai Oil Oper.

STREET

CITY STATE ZIP

OWNER

CEMENT

AMOUNT ORDERED 190 ASC 290 GEL
10% Salt 1/8 * Floseal 3/4 of 190 CD-31
500 Gals WFR-2

| | | | | |
|----------|---------------------|---|--------------|----------------|
| COMMON | <u>190 ASC</u> | @ | <u>8.50</u> | <u>1615.00</u> |
| POZMIX | | @ | | |
| GEL | <u>3</u> | @ | <u>10.00</u> | <u>30.00</u> |
| CHLORIDE | | @ | | |
| WFR-2 | <u>500 gals</u> | @ | <u>1.00</u> | <u>500.00</u> |
| FloSEA | <u>245</u> | @ | <u>1.40</u> | <u>336.00</u> |
| Salt | <u>18</u> | @ | <u>7.00</u> | <u>126.00</u> |
| CFR-2 | <u>134</u> | @ | <u>5.50</u> | <u>737.00</u> |
| | | @ | | |
| HANDLING | <u>215</u> | @ | <u>1.10</u> | <u>232.50</u> |
| MILEAGE | <u>44/SK / Mile</u> | | | <u>295.40</u> |

RECEIVED

TOTAL 3569.40

DEC 11 2001

KCC WICHITA

SERVICE

DEPTH OF JOB

PUMP TRUCK CHARGE 1130.00

EXTRA FOOTAGE @

MILEAGE 35 @ 105.00

PLUG 5 1/2 TRP @ 50.00

@

@

TOTAL 1285.00

FLOAT EQUIPMENT

5 1/2"

| | | | |
|-------------|-----------|---|----------------|
| Guide Shoe | <u>1</u> | @ | <u>150.00</u> |
| Insert | <u>1</u> | @ | <u>235.00</u> |
| Centralizer | <u>90</u> | @ | <u>50.00</u> |
| Basket | <u>1</u> | @ | <u>128.00</u> |
| Port Collar | <u>1</u> | @ | <u>1750.00</u> |

TOTAL 2613.00

To Allied Cementing Co., Inc.

You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or

ALLIED CEMENTING CO., INC.

1003

ORIGINAL

Federal Tax I.D.#

P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

R

| | | | | | | | |
|-------------------------------------|-----------------|----------------------------------|-------|-------------------------------------|---------------------|-----------------|------------|
| DATE <i>8/24/01</i> | SEC. | TWP. | RANGE | CALLED OUT | ON LOCATION | JOB START | JOB FINISH |
| LEASE 8240 <i>Beatch</i> | WELL # <i>2</i> | LOCATION <i>Polco 6 S 3w S.5</i> | | | COUNTY <i>Rooks</i> | STATE <i>Ks</i> | |
| OLD OR NEW (Circle one) | | | | <i>Var Ellis N to Ch 2 N 2w S.5</i> | | | |

CONTRACTOR *Rapid Well*

TYPE OF JOB *Port Collar*

HOLE SIZE _____ T.D. _____

CASING SIZE *52* DEPTH _____

TUBING SIZE *2 1/2* DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL *1680* DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT _____

OWNER _____

CEMENT AMOUNT ORDERED *400⁰⁰ 6/9 gel*

2 sand used 225

| | | | | |
|-------------|---------------|---|------------------------|-------------------------|
| COMMON | <i>135</i> | @ | <i>66⁵</i> | <i>897 75</i> |
| POZMIX | <i>90</i> | @ | <i>355</i> | <i>319 50</i> |
| GEL | <i>11</i> | @ | <i>10⁰⁰</i> | <i>110⁰⁰</i> |
| CHLORIDE | | @ | | |
| <i>Sand</i> | <i>2</i> | @ | <i>5⁰⁰</i> | <i>11 20</i> |
| | | @ | | |
| | | @ | | |
| | | @ | | |
| | | @ | | |
| HANDLING | <i>422)</i> | @ | <i>110</i> | <i>464 20</i> |
| MILEAGE | <i>44 1/2</i> | @ | <i>13 00</i> | <i>590 00</i> |

EQUIPMENT

345 *Dave*

PUMP TRUCK # _____ CEMENTER *Bill*

HELPER _____

BULK TRUCK # _____ DRIVER _____

BULK TRUCK # *254* DRIVER *Darin*

RECEIVED

DEC 11 2001

NCC WICHITA SERVICE

TOTAL *2393 45*

REMARKS:

Tested plug @ 2800'
@ 1200psi & held
Spud 2 sand
I opened tool @ 1680 get
Cir. mix @ 225 lb & cir
Cement closed tool
went down & washed sand
O.F.B plug

DEPTH OF JOB _____

PUMP TRUCK CHARGE *630⁰⁰*

EXTRA FOOTAGE @ _____

MILEAGE *35* @ *3⁰⁰* *105⁰⁰*

PLUG @ _____

TOTAL *735⁰⁰*

CHARGE TO: *Mai Oil*

STREET _____

CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

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

To Allied Cementing Co., Inc.

You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or

TOTAL _____