FORM MUST BE TYPED

SIDE ONE

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

API NO. 15- 051-24789

County Ellis

Approx. -NW -NE -NW Sec. 24 Twp. 11S Rge. 17 X E W

460' Feet from S (N) (circle one) Line of Section

1560' 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 Colahan A Well # 38

Field Name Bemis-Shutts

Producing Formation Arbuckle

Elevation: Ground 1898' KB 1903'

Total Depth 3520' PBTD 3399'

Amount of Surface Pipe Set and Cemented at 340' 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 ALT 1 JH 8-22-94
(Data must be collected from the Reserve Pit)

Chloride content 860 ppm Fluid volume 246 bbls

Dewatering method used By evaporation

Location of fluid disposal if hauled offsite:

Operator Name ____

Lease Name ____ License No. ____

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

County ____ Docket No. ____

Operator: License # 09012

Name: OXY USA INC.

Address P.O. BOX 26100

City/State/Zip OKLAHOMA CITY, OK 73126-0100

Purchaser: Citgo

Operator Contact Person: RAYMOND HUI

Phone (405) 749-2471

Contractor: Name: Duke Drilling Company

License: 5929

Wellsite Geologist: William Keller

Designate Type of Completion
X New Well ____ Re-Entry ____ Workover

X Oil ____ SWD ____ SIOW ____ 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 ____ PBTD
____ Commingled Docket No. ____
____ Dual Completion Docket No. ____
____ Other (SWD or Inj?) Docket No. ____

3/11/92 3/18/92 4/7/92
Spud Date Date Reached TD Completion Date

**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 VIC TUMLINSON

Title DRILLING OPERATIONS MANAGER Date 4/7/92

Subscribed and sworn to before me this 7th day of April, 19 92.

Notary Public Kelly D. Andrews

Date Commission Expires 8/19/95

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)

RECEIVED
STATE CORPORATION COMMISSION
MAY 4 1992
CONSERVATION DIVISION
Wichita, Kansas

RECEIVED
STATE CORPORATION COMMISSION
JUN 18 1992
CONSERVATION DIVISION
Wichita, Kansas

ACO-1 (7-91)

SIDE TWO

88689

Operator Name OXY USA INC. Lease Name Colahan A Well # 38

Sec. 24 Twp. 11S Rge. 17 ☐ East ☒ West County Ellis

**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 (Attach Additional Sheets.) | ☐ Yes | ☒ No |
| Samples Sent to Geological Survey | ☒ Yes | ☐ No |
| Cores Taken | ☐ Yes | ☒ No |
| Electric Log Run (Submit Copy.) | ☒ Yes | ☐ No |

List All E.Logs Run:

Ran Dual Induction w/GR and SP from TD to Surface pipe.

☐ Log Formation (Top), Depth and Datums ☒ Sample

| Name | Top | Datum |
|---|---|---|
| Topeka | 2808' | 2976' |
| Oread | 2976' | 3044' |
| Heebner | 3044' | 3067' |
| Toronto | 3067' | 3088' |
| Lansing | 3088' | 3326' |
| ~~LKC~~ BKC | 3326' | 3383' |
| Arbuckle | 3383' | 3520' |
| TD | | 3520' |
| PBTD | | 3486' |

**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 | 12½" | 8 5/8" | 24# | 340 | Class A | 200 | 3% CC |
| | | | | | | | |
| Production | 7 7/8" | 5½" | 14# | 3510' | Class A | ~~200~~ 176 KCC | 2% gel |

**ADDITIONAL CEMENTING/SQUEEZE RECORD**

| Purpose: | Depth Top | Depth Bottom | Type of Cement | #Sacks Used | Type and Percent Additives |
|---|---|---|---|---|---|
| ___ Perforate | | | | | |
| ___ Protect Casing | | | | | |
| ___ Plug Back TD | | | | | |
| ___ 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 |
|---|---|---|---|
| | CIBP @ 3399' | | |
| 4 | 3396'-3397'; 3397'-3399'; 3385'-87' | Not acidized; not frac'd | |
| | | | |
| | | | |

| TUBING RECORD | Size | Set At | Packer At | Liner Run |
|---|---|---|---|---|
| | 2 7/8" | 3399' | | ☐ Yes ☒ No |

| Date of First, Resumed Production, SWD or Inj. | Producing Method |
|---|---|
| 4/7/92 | ☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain) |

| Estimated Production Per 24 Hours | Oil Bbls. | Gas Mcf | Water Bbls. | Gas-Oil Ratio | Gravity |
|---|---|---|---|---|---|
| | 41 | | 976 | | |

**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**

3385'-3399'