

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

ORIGINAL

Operator: License # 5447

Name: OXY USA Inc.

Address P. O. Box 26100

City/State/Zip Oklahoma City, Ok 73126-0100

Purchaser: None (Dry Hole)

Operator Contact Person: ~~XXXXXXXXXX~~ Raymond Hui

Phone (405) 749-2309

Contractor: Name: Val Energy

License: _____

Wellsite Geologist: _____

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:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

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

4-10-96 4-18-96 4-18-96
Spud Date Date Reached TD Completion Date

API NO. 15-055-21489-00-00

County Finney

C - NW - SE - SE Sec. 22 Twp. 23S Rge. 34 ^E/_W

990 Feet from S (circle one) Line of Section

990 Feet from E (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
XX, SE, XX or XX (circle one)

Lease Name Garden City S Well # 13

Field Name Sequoyah

Producing Formation Morrow (Dry)

Elevation: Ground 2941' KB 2946'

Total Depth 4900' PBTB -

Amount of Surface Pipe Set and Cemented at 1728 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 cm.

Drilling Fluid Management Plan DAA JH 10-22-96
(Data must be collected from the Reserve Pit)

Chloride content 1200 ppm Fluid volume 3000 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, 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 Raymond Hui

Title Staff Analyst Date 5-15-96

Subscribed and sworn to before me this 15th day of May, 19 96.

Notary Public Kay Ann Kilmer

Date Commission Expires 5-2-98

| K.C.C. OFFICE USE ONLY | | |
|-------------------------------------|-------------------------------------|------------------------------------------------------------------------|
| F | <input checked="" type="checkbox"/> | Letter of Confidentiality Attached |
| C | <input checked="" 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 OXY USA Inc. Lease Name Garden City S, Well # 13
 Sec. 22 Twp. 23S Rge. 34 East County Finney
 West

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:
 Ran Plate Form Express
 Log **a**

| Name | Formation (Top), Depth and Datums | | Sample |
|---------------|-----------------------------------|-------|--------|
| | Top | Datum | |
| Winfield | 2526' | 420 | |
| Council Grove | 2744 | 202 | |
| Heebner | 3768 | - 822 | |
| Toronto | 3796 | - 850 | |
| Lansing | 3825 | - 879 | |
| Marmaton | 4320 | -1374 | |
| Cherokee | 4454 | -1508 | |
| Morrow | 4659 | -1713 | |
| St. Louis | 4756 | -1810 | |

| CASING RECORD <input checked="" 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 # | 1728' | Cl. A | 530sx | 3% Ca.Cl. |
| Production | XXXX " | XXXX " | XX | | | | |

| 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 |
|----------------|----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|-------|
| | Not Perforated | | |

| TUBING RECORD | | Size | Set At | Packer At | Liner Run <input type="checkbox"/> Yes <input checked="" 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 <u>N/A</u> Bbls. | Gas <u>N/A</u> Mcf | Water <u>N/A</u> Bbls. | Gas-Oil Ratio | Gravity |

Disposition of Gas: **METHOD OF COMPLETION** Production Interval
 Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
 (If vented, submit ACO-18.) Other (Specify) D & A



HALLIBURTON

JOB SUMMARY

HALLIBURTON DIVISION Midcontinent
HALLIBURTON LOCATION Liberal

BILLED ON TICKET NO. 931493

WELL DATA

FIELD _____ SEC. 27 TWP. 23S RNG. 34E1 COUNTY Finney STATE Ks

FORMATION NAME _____ TYPE _____

FORMATION THICKNESS _____ FROM _____ TO _____

INITIAL PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD

PRESENT PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD

COMPLETION DATE _____ MUD TYPE _____ MUD WT. _____

PACKER TYPE _____ SET AT _____

BOTTOM HOLE TEMP. _____ PRESSURE _____

MISC. DATA _____ TOTAL DEPTH _____

| | NEW USED | WEIGHT | SIZE | FROM | TO | MAXIMUM PSI ALLOWABLE |
|--------------|----------|-----------|--------------|-----------|-------------|-----------------------|
| CASING | <u>N</u> | <u>24</u> | <u>8 7/8</u> | <u>KB</u> | <u>172K</u> | |
| LINER | | | | | | |
| TUBING | | | | | | |
| OPEN HOLE | | | | | | SHOTS/FT. |
| PERFORATIONS | | | | | | |
| PERFORATIONS | | | | | | |
| PERFORATIONS | | | | | | |

JOB DATA

TOOLS AND ACCESSORIES

| TYPE AND SIZE | QTY. | MAKE |
|----------------------------------|----------|------|
| FLOAT COLLAR <u>Inset 1/2" H</u> | | |
| FLOAT SHOE | | |
| GUIDE SHOE | | |
| CENTRALIZERS <u>S-4</u> | <u>3</u> | |
| BOTTOM PLUG | | |
| TOP PLUG <u>5W</u> | <u>1</u> | |
| HEAD | | |
| PACKER <u>Basket</u> | <u>1</u> | |
| OTHER <u>Weld A</u> | <u>1</u> | |

| CALLLED OUT | ON LOCATION | JOB STARTED | JOB COMPLETED |
|---------------------|---------------------|---------------------|---------------------|
| DATE <u>4-11-96</u> | DATE <u>4-11-96</u> | DATE <u>4-11-96</u> | DATE <u>4-11-96</u> |
| TIME <u>0750</u> | TIME <u>1140</u> | TIME <u>1519</u> | TIME <u>1635</u> |

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB/GAL. API

DISPL. FLUID _____ DENSITY _____ LB/GAL. API

PROP. TYPE _____ SIZE _____ LB.

PROP. TYPE _____ SIZE _____ LB.

ACID TYPE _____ GAL. _____ %

ACID TYPE _____ GAL. _____ %

ACID TYPE _____ GAL. _____ %

SURFACTANT TYPE _____ GAL. _____ IN

NE AGENT TYPE _____ GAL. _____ IN

FLUID LOSS ADD. TYPE _____ GAL. -LB. _____ IN

GELLING AGENT TYPE _____ GAL. -LB. _____ IN

FRIC. RED. AGENT TYPE _____ GAL. -LB. _____ IN

BREAKER TYPE _____ GAL. -LB. _____ IN

BLOCKING AGENT TYPE _____ GAL. -LB. _____

PERFPAC BALLS TYPE _____ QTY. _____

OTHER _____

OTHER _____

PERSONNEL AND SERVICE UNITS

| NAME | UNIT NO. & TYPE | LOCATION |
|---------------------------|-----------------|----------------|
| <u>R. Crist</u> | <u>420045</u> | <u>Liberal</u> |
| <u>D. 7153</u> | | |
| <u>T. Broad Foot</u> | <u>52947</u> | |
| <u>K. D'Amico</u> | <u>75496</u> | |
| <u>E. 0017 K. D'Amico</u> | <u>3732</u> | <u>Liberal</u> |
| <u>D. ...</u> | <u>75817</u> | |
| <u>H. 2471</u> | <u>4037</u> | |
| <u>Q. ...</u> | <u>6610</u> | |

CEMENT DATA

| STAGE | NUMBER OF SACKS | CEMENT | BRAND | BULK SACKED | ADDITIVES | YIELD CU FT/SK | MIXED LBS./GAL. |
|-------|-----------------|---------------|-------|-------------|----------------------------|----------------|-----------------|
| | <u>380</u> | <u>Midcon</u> | | <u>B</u> | <u>3% CC 1/2" Floccate</u> | <u>3.1</u> | <u>11.1</u> |
| | <u>150</u> | <u>Prex</u> | | <u>B</u> | <u>3% CC 1/4" Floccate</u> | <u>1.1</u> | <u>14.8</u> |

PRESSURES IN PSI

CIRCULATING _____ DISPLACEMENT _____

BREAKDOWN _____ MAXIMUM _____

AVERAGE _____ FRACTURE GRADIENT _____

SHUT-IN: INSTANT _____ 5-MIN. _____ 15-MIN. _____

HYDRAULIC HORSEPOWER _____

ORDERED _____ AVAILABLE _____ USED _____

AVERAGE RATES IN BPM _____

TREATING _____ DISPL. _____ OVERALL _____

CEMENT LEFT IN PIPE _____

FEET 3920 REASON Stop T.I.T

SUMMARY

VOLUMES

PRESLUSH: BBL.-GAL. _____ TYPE _____

LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____

TREATMENT: BBL.-GAL. _____ DISPL.: BBL.-GAL. 107.4

CEMENT SLURRY: BBL.-GAL. 2186 35 TC

TOTAL VOLUME: BBL.-GAL. _____

REMARKS

Circulated 40 BBLs (70 SKs) To P.T

FIELD OFFICE

CUSTOMER: OXY USA
 LEASE: Garden City
 WELL NO: 5-13
 JOB TYPE: O/D
 DATE: 4-11-96



JOB SUMMARY

HALLIBURTON DIVISION *Midcontinent*
HALLIBURTON LOCATION *Liberal, KS*

BILLED ON TICKET NO. *919278*

WELL DATA

FIELD _____ SEC *22* TWP *23S* RING *34W* COUNTY *Finney* STATE *KS*

FORMATION NAME _____ TYPE _____
 FORMATION THICKNESS _____ FROM _____ TO _____
 INITIAL PROD. OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD
 PRESENT PROD. OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD
 COMPLETION DATE _____ MUD TYPE _____ MUD WT. _____
 PACKER TYPE _____ SET AT _____
 BOTTOM HOLE TEMP. _____ PRESSURE _____
 MISC. DATA _____ TOTAL DEPTH *4900*

| | NEW USED | WEIGHT | SIZE | FROM | TO | MAXIMUM PSI ALLOWABLE |
|--------------|----------|-------------|-----------------|------|-------------|-----------------------|
| CASING | | | <i>8 7/8</i> | | <i>1770</i> | |
| LINER | | | | | | |
| TUBING | <i>U</i> | <i>16.4</i> | <i>4 1/2</i> | | | |
| OPEN HOLE | | | | | | SHOTS/FT. |
| PERFORATIONS | | | ORIGINAL | | | |
| PERFORATIONS | | | | | | |
| PERFORATIONS | | | | | | |

JOB DATA

| CALLED OUT | ON LOCATION | JOB STARTED | JOB COMPLETED |
|------------------|------------------|------------------|------------------|
| <i>4-18-96</i> | <i>4-18-96</i> | <i>4-18-96</i> | <i>4-18-96</i> |
| DATE | DATE | DATE | DATE |
| TIME <i>1000</i> | TIME <i>1245</i> | TIME <i>1447</i> | TIME <i>1930</i> |

TOOLS AND ACCESSORIES

| TYPE AND SIZE | QTY. | MAKE |
|---------------|------|------|
| FLOAT COLLAR | | |
| FLOAT SHOE | | |
| GUIDE SHOE | | |
| CENTRALIZERS | | |
| BOTTOM PLUG | | |
| TOP PLUG | | |
| HEAD | | |
| PACKER | | |
| OTHER | | |

PERSONNEL AND SERVICE UNITS

| NAME | UNIT NO. & TYPE | LOCATION |
|-------------------|-----------------|----------|
| <i>J. Woodrow</i> | | |
| <i>D. McJANE</i> | | |
| <i>C. ASHLEY</i> | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB./GAL. °API
 DISPL. FLUID _____ DENSITY _____ LB./GAL. °API
 PROP. TYPE _____ SIZE _____ LB.
 PROP. TYPE _____ SIZE _____ LB.
 ACID TYPE _____ GAL. _____ %
 ACID TYPE _____ GAL. _____ %
 ACID TYPE _____ GAL. _____ %
 SURFACTANT TYPE _____ GAL. _____ IN
 NE AGENT TYPE _____ GAL. _____ IN
 FLUID LOSS ADD. TYPE _____ GAL.-LB. _____ IN
 GELLING AGENT TYPE _____ GAL.-LB. _____ IN
 FRIC. RED. AGENT TYPE _____ GAL.-LB. _____ IN
 BREAKER TYPE _____ GAL.-LB. _____ IN
 BLOCKING AGENT TYPE _____ GAL.-LB. _____
 PERFPAC BALLS TYPE _____ QTY. _____
 OTHER _____
 OTHER _____

DEPARTMENT *CEMENT*

DESCRIPTION OF JOB *PLUG TO ABANDON*

JOB DONE THRU: TUBING DRILL PIPE CASING ANNULUS TBG./ANN.

CUSTOMER REPRESENTATIVE *X Rick L B...*
HALLIBURTON OPERATOR *J. Woodrow*

CEMENT DATA

| STAGE | NUMBER OF SACKS | CEMENT | BRAND | BULK SACKED | ADDITIVES | YIELD CU.FT./SK | MIXED LBS./GAL. |
|----------|-----------------|----------------|--------------|-------------|-----------------|-----------------|-----------------|
| <i>1</i> | <i>25</i> | <i>PREMIUM</i> | <i>HALCO</i> | <i>B</i> | <i>.24 HR'S</i> | <i>1.18</i> | <i>15.6</i> |
| <i>2</i> | <i>100</i> | <i>"</i> | <i>"</i> | <i>B</i> | <i>"</i> | <i>1.18</i> | <i>15.6</i> |
| <i>3</i> | <i>50</i> | <i>PREMIUM</i> | <i>"</i> | <i>B</i> | <i>"</i> | <i>1.18</i> | <i>15.6</i> |
| <i>4</i> | <i>25</i> | <i>"</i> | <i>"</i> | <i>B</i> | <i>"</i> | <i>1.18</i> | <i>15.6</i> |

PRESSURES IN PSI

CIRCULATING _____ DISPLACEMENT _____
 BREAKDOWN _____ MAXIMUM _____
 AVERAGE _____ FRACTURE GRADIENT _____
 SHUT-IN: INSTANT _____ S-MIN _____ 15-MIN. _____
 HYDRAULIC HORSEPOWER _____
 ORDERED _____ AVAILABLE _____ USED _____
 AVERAGE RATES IN BPM _____
 TREATING _____ DISPL. _____ OVERALL _____
 CEMENT LEFT IN PIPE _____
 FEET _____ REASON _____

SUMMARY

PRESLUSH: BBL.-GAL. _____ TYPE _____
 LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____
 TREATMENT: BBL.-GAL. _____ DISPL: BBL.-GAL. _____
 CEMENT SLURRY: BBL.-GAL. _____
 TOTAL VOLUME: BBL.-GAL. _____

REMARKS

(SEE JOB LOG)

CUSTOMER *OKY U.S.A.*
LEASE *GARLOW CITY*
WELL NO. *13*
JOB TYPE *DTA*
DATE *4-18-96*



JOB LOG HAL-2013-C

CUSTOMER Oxy U.S.A. WELL NO. 13 LEASE GARDIN CITY JOB TYPE PTA TICKET NO. 719278

Table with columns: CHART NO., TIME, RATE (BPM), VOLUME (BBL) (GAL), PUMPS (T, C), PRESSURE (PSI) (TUBING, CASING), DESCRIPTION OF OPERATION AND MATERIALS. Includes handwritten entries for 1830, 1920, 1930, and 'JOB COMPLETE ORIGINAL'.

THANK YOU!
CALL AGAIN
WOODY + DANNY

RECEIVED
KAISAS CORP. CONT.
1996 JUN 0 A 11:36



JOB LOG HAL-2013-C

| | | | | |
|----------------------|----------------|----------------------|----------------------------|----------------------|
| CUSTOMER O.V. USA | WELL NO. 13 | LEASE GARDEN CITY | JOB TYPE PLUG TO BANDON | TICKET NO. 919278 |
|----------------------|----------------|----------------------|----------------------------|----------------------|

| CHART NO. | TIME | RATE (BPM) | VOLUME (BBL) (GAL) | PUMPS | | PRESSURE (PSI) | | DESCRIPTION OF OPERATION AND MATERIALS |
|-----------|------|------------|--------------------|-------|---|----------------|--------|--------------------------------------------------------------------------------------------------------------|
| | | | | T | C | TUBING | CASING | |
| | 1330 | | | | | | | JOB READY ORIGINAL |
| | 0930 | | | | | | | CALLING OUT FOR JOB PUMP TRUCK ON LOCATION - RIG TRIPPING Drill pipe in HOLE D.P. ON BOTTOM - 4700' |
| | 1400 | | | | | | | HOOK UP KELLY - CIRCUMFER HOLE THROUGH CIRCUMFER - HOOK UP TO PUMP TRUCK ROTATE DRILL PIPE |
| | 1447 | 4.5 | 10.0 | ✓ | | 0/250 | | JOB PROCEEDURE 25 SK DUG AT 4700' pump 10 BBL FRESH WATER AHEAD |
| | 1450 | 4.0 | 5.2 | ✓ | | 250/150 | | MIX 25 SKS CMT AT 15.6 LB/GAL |
| | 1452 | 3.5 | 3.5 | ✓ | | 150/100 | | pump 3.5 BBL WATER BEHIND |
| | 1455 | 7.5 | 62.0 | ✓ | | 100/450 | | DISPLACE WITH 62 BBL MUD BEHIND |
| | 1505 | | | | | | | SHUT DOWN - KNOCK LOOSE |
| | 1506 | | | | | | | START LAYING DOWN DRILL PIPE |
| | 1600 | | | | | | | LAY D.P. DOWN TO 2900' |
| | | | | | | | | JOB PROCEEDURE 100 SK PLUG AT 2900' |
| | 1603 | 5.0 | 10.0 | ✓ | | 0/200 | | pump 10 BBL FRESH WATER AHEAD |
| | 1605 | 5.5 | 21.0 | ✓ | | 200/125 | | MIX 100 SKS CMT AT 15.6 LB/GAL |
| | 1609 | 3.5 | 3.5 | ✓ | | 125/100 | | pump 3.5 BBL WATER BEHIND |
| | 1611 | 6.0 | 32 | ✓ | | 100/180 | | DISPLACE WITH 32 BBL MUD |
| | 1615 | | | | | 0' | | SHUT DOWN - KNOCK LOOSE - DRY LAY DOWN DRILL PIPE TO 1790' |
| | | | | | | | | JOB PROCEEDURE 50 SK PLUG AT 1790' |
| | 1704 | 5.0 | 10 | ✓ | | 0/150 | | pump 10 BBL WATER AHEAD |
| | 1707 | 5.0 | 8.5 | ✓ | | 0/100 | | MIX 50 SKS CMT AT 15.6 LB/GAL |
| | | | 3.5 | ✓ | | 0/100 | | pump 3.5 BBL WATER BEHIND |
| | | | 19.5 | ✓ | | 100 | | pump 19.5 BBL MUD DISPLACEMENT |
| | 1720 | | | | | 0' | | SHUT DOWN - KNOCK LOOSE - FULL DRY LAY D.P. DOWN TO 900' |
| | | | | | | | | JOB PROCEEDURE 25 SKS AT 900' |
| | 1750 | 5.0 | 40.0 | ✓ | | 0/100 | | pump 40 BBL WATER AHEAD |
| | 1800 | 5.0 | 5.0 | ✓ | | 80 | | MIX 25 SKS CMT AT 15.6 LB/GAL |
| | 1803 | | 11.0 | ✓ | | 80 | | pump 11 BBL DISPLACEMENT |
| | 1808 | | | | | 0' | | SHUT DOWN - LAY DOWN REST OF D.P. |