

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 300
Tulsa, OK 74102-0300

City/State/Zip _____

Purchaser: _____

Operator Contact Person: David D. Juby

Phone 918/561-3564

Contractor: Name: Duke Drilling

License: 5929

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: OXY USA Inc.

Well Name: Griffin A8

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBSD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. E 27278.1

Spud 4/9/96 4/14/96 4/30/96
Date Date Reached TD Completion Date

API NO. 15- 147-20568-00-00

County Phillips

NW - SE - NW - Sec. 27 Twp. 5S Rge. 20W

1670 Feet from S/N (circle one) Line of Section

1810 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 Griffin A Well # 8

Field Name Ray

Producing Formation Inj. Lansing KC.

Elevation: Ground 2175 KB 2183

Total Depth 3683' PBSD 3580

Amount of Surface Pipe Set and Cemented at 308 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 3681

feet depth to 450' w/ 335 sx cmt.

Drilling Fluid Management Plan A14.2 OK'd by Dist. 4
(Data must be collected from the Reserve Pit) 4-24-98 U.C.

Chloride content 1500 ppm Fluid volume 3000 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite: 10-4-97

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 David D. Juby - David D. Juby

Title Senior Engineering Tech. Date 9/30/96

Subscribed and sworn to before me this 30th day of September, 1996

Notary Public Quetta J. Schwadlerak

Date Commission Expires August 21, 1996 July 23, 1998

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)

Operator Name OXY USA Inc. Lease Name Griffin A Well # 8W

Sec. 27 Twp. 5S Rge. 20 East County _____
 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 (Attach Additional Sheets.) | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <input checked="" type="checkbox"/> Log | Formation (Top), Depth and Datum | <input type="checkbox"/> Sample |
| Samples Sent to Geological Survey | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Name | Top | Datum |
| Cores Taken | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Topeka | 3131 | - 948 |
| Electric Log Run (Submit Copy.) | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Oread | 3239 | -1056 |
| List All E.Logs Run: Dual Induction | | Heebner | 3279 | -1096 |
| Z-Densilog | | Toronto | 3304 | -1121 |
| SBT w/GR/ECL | | Lansing | 3320 | -1137 |
| | | Reagan | 3610 | -1429 |

| 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" | K-55 (24#) | 308' | Std. | 200 | 2% Gel 1/4# 3% cc |
| Long String | 7 7/8" | 5 1/2" | K-55 (24#) | 3681' | MidCon II Std. | 350 135 | 2% cc 10% HCL 10% Cal Seal .75 HCL-322 |

| 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 SPF | 3630-32', 3613-16' | | |
| CIBP | 3621', 3580' | | |
| 4 SPF | 3508-11', 3356-59', 3322-27' | Az 1650 gals, 15% Ne/Fe | |

| | | | | | | | | |
|--|-----|--------|--|-----------|-----------|--|---------------|---------|
| TUBING RECORD | | Size | Set At | Packer At | Liner Run | <input type="checkbox"/> Yes <input type="checkbox"/> No | | |
| | | 2 3/8" | 3316' | 3318' | | | | |
| Date of First, Resumed Production, SWD or Inj. | | | Producing Method | | | | | |
| 9/16/96 | | | <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: **METHOD OF COMPLETION** *Injection Production Interval*

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
 (If vented, submit ACO-18.) Other (Specify) _____

3613-
3322-3511'



JOB LOG HAL-2013-C

DATE 4-8-96 PAGE NO. 1
TICKET NO. 915175

CUSTOMER One USA WELL NO. A-#8 LEASE Gei #4 in JOB TYPE Cont Serv Secu Psg

| CHART NO. | TIME | RATE (BPM) | VOLUME (BBL) (GAL) | PUMPS | | PRESSURE (PSI) | | DESCRIPTION OF OPERATION AND MATERIALS |
|-----------|-------|------------|--------------------|-------|---|----------------|--------|--|
| | | | | T | C | TUBING | CASING | |
| | 19:45 | | | | | | | Called Out |
| | 20:56 | | | | | | | Outloc - Rig Pulling DP Spot & Set up Equip - Discard Sub Sanding unit |
| | 21:00 | | | | | | | Casing Hole (8 1/2" x 20 1/2") - Set @ 308 |
| | 21:53 | | | | | | | Hook up PC manifold Break line 1/2" Pig Pump Hook up to PT |
| | 22:08 | | | | | | | Start Pump Spool - 3200 |
| | 22:11 | | | | | | | 125 Start Pump Connect 2000 lb Can / 2" G.I., 3" ECC, 1 1/2" Throat |
| | 22:27 | | | | | | | 175 Finished Pump Out Release Plug |
| | 22:29 | | | | | | | 200 Start Dimpl |
| | 23:03 | | | | | | | 250 Finish Dimpl - Cont Dimpl 1000 Set Complete |

ORIGINAL

Hand off of the Pig

CHARGE TO AFE

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CONSERVATION DIVISION
WICHITA, KS

CUSTOMER



JOB LOG HAL-2013-C

DATE PAGE

CUSTOMER WELL NO. LEASE JOB TYPE TICKET NO.

CHART NO. TIME RATE (BPM) VOLUME (BBL) (GAL) PUMPS T C PRESSURE (PSI) TUBING CASING DESCRIPTION OF OPERATION AND MATERIALS

| CHART NO. | TIME | RATE (BPM) | VOLUME (BBL) (GAL) | PUMPS T | C | PRESSURE (PSI) TUBING | CASING | DESCRIPTION OF OPERATION AND MATERIALS |
|-----------|-------|------------|--------------------|---------|---|-----------------------|--------|--|
| 1 | 2000 | | | | | | | called out |
| | 1430 | | | | | | | on location Rig Pulling DP |
| | | | | | | | | Discuss safety set up of flat job |
| | | | | | | | | cont on location 350,000 midcourse |
| | | | | | | | | w/ 2 1/2 cc 135 SKS std of 10% |
| | | | | | | | | central, 10% salt, 3/4" 300, |
| | | | | | | | | 1/4" 200 air |
| | | | | | | | | out of hole w/ DP |
| | | | | | | | | Rig up to 1500 |
| | | | | | | | | Start casing 2 1/2" of |
| | | | | | | | | shut in at 178 w/ 2 1/2" salt water |
| | | | | | | | | cont 1-2-2-2-11-17 12 1/2 1/2 |
| | | | | | | | | 77 - Break to 4-15-20 1/2 |
| | | | | | | | | P. go on bottom Disp well |
| | | | | | | | | Hookup + circ w/ mid 1/2 |
| | | | | | | | | Rot to 1500 while circ |
| | 1215 | | | | | | | Hook up to pump 150 - |
| | | 5 | 20 | | | 200 ⁺ | | Pump 20 BBL salt flush w/ Disp |
| | | 5 | 20 | | | 200 ⁺ | | Pump 20 BBL salt flush |
| | | 5 | 20 | | | 200 ⁺ | | Pump 3 BBL water spacer |
| | | 5 | 10 | | | 200 ⁺ | | Pump 13 BBL water spacer |
| | | 5 | 3 | | | 200 ⁺ | | Pump 2 BBL water spacer |
| | | | | | | 200 ⁺ | | Start mix midcourse-2 |
| | 6 1/2 | | 200 | | | 200 ⁺ | | FIN mix midcourse-2 |
| | | | | | | 400 ⁺ | | Start mix EA-2 cont |
| | 6 1/2 | | 33.6 | | | 400 ⁺ | | FIN MIX EA-2 cont |
| | 6 1/2 | | | | | | | Start to washout Pump 2 1/2" air |
| | | | | | | | | Release Plug |
| | | | | | | 200 ⁺ | | Start Disp 1500 salt water |
| | | | | | | 1200 ⁺ | | FIN Disp |
| | 1145 | | | | | 1200 ⁺ | | Plug down |
| | | | | | | 0 ⁺ | | Release Rot of Flat Hold |
| | | | | | | | | Job complete |
| | 1300 | | | | | | | wash-up gear + papers w/ K |
| | | | | | | | | cont Dick's |
| | | | | | | | | Thank Allen + Ray, Mark, Jim |

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WICHITA, KS

CUSTOMER

Lansing Kansas City Perforations

| | |
|---------|---------------------|
| LKC "A" | 3322-27' with 4 SPF |
| LKC "C" | 3356-59' with 4 SPF |
| LKC "K" | 3508-11' with 4 SPF |

15-147-20568

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