

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

Operator: License # 09012

Name: OXY USA INC.

Address: P.O. BOX 26100

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

Purchaser: Northern Natural Pipeline

Operator Contact Person: RAYMOND HUI

Phone: (405) 749-2471

Contractor Name: Cheyenne Drilling Company

License: 5382

Wellsite Geologist: Robert Vick

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD SIGW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSM, 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 PSTD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

11/23/91 12/6/91 2/10/92
Spud Date Date Reached TD Completion Date

API NO. 15- 175-21209-0000

County Sewall **ORIGINAL**

Approx. SE NW NW Sec. 10 Twp. 32S Rge. 34 X V

4030 Feet from SW (circle one) Line of Section

4030 Feet from SW (circle one) Line of Section

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

Lease Name Hickman A Well # 2

Field Name Silverman

Producing Formation Chase

Elevation: Ground 2916' KB 2926'

Total Depth 5934 PSTD 2898'

Amount of Surface Pipe Set and Cemented at 1767' 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/ _____ sz cat.

Drilling Fluid Management Plan 6-18-93
(Data must be collected from the Reserve Pit)

Chloride content 1500 ppm Fluid volume 360 bbls

Dewatering method used By evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

Quarter _____ Sec. _____ Twp. _____ 3 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 VIC TUMLINSON
Title DRILLING OPERATIONS MANAGER Date 2/10/92

Subscribed and sworn to before me this 10th day of February, 19 92.

Notary Public Kelley A. Anderson

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
 SWD/Rep NSPA
 Plug Other (Specify)

APR 21 1992
4-27-92
CONSERVATION DIVISION
Wichita, Kansas

Operator Name AMCOXY USA INC

Lease Name Hickman A

Well # 2

Sec. 10 Twp. 32S Rge. 34
 East
 West

County Seward

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 Ecological Survey Yes No
 *See data below
 Cores Taken Yes No

Electric Log Run Yes No
 (Submit Copy.)

List All E.Logs Run:

Ran Dual Induction.

Log Name	Formation (Top)	Depth and Datum	Sample Datum
Hollenberg		2640'	2644'
Herington		2672'	2676'
Krider		2698'	2702'
Winfield		2744'	2746'
Heebner		2746'	4061'
Lansing		4061'	4212'
Marmaton		4212'	4852'
Morrow		4852'	5475'
Chester		5475'	5615'
St. Genev.		5615'	5741'
St. Louis		5741'	5934'

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
Conductor Pipe	30"	20"		40'	Redi-Mix	4 yds	
Surface	12 1/2"	8 5/8"	24#	1767'	Cl. C.	675 sx	2% CaCl
Production	7 7/8"	5 1/2"	14#	2950'	Cl. C.	640 sx	6% gel

ADDITIONAL CEMENTING/SQUEEZE RECORD New Used

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input checked="" type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				
	* DST on Lansing from 4748'-4777'. IHP 2318 psig. 1st IFP 129 psig. 2nd IFP 258 psig. 2nd IFP 483 psig. Samples pressure 420 psig.			Recovered 45' of muddy water & 870' SW 1st FFP 241 psig. 1 HR SIP 1385 psig. 2 HR SIP 1385 psig. FHP 2286 psig.

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
2	2640'-2644'	Acidized w/5000 gal of 7 1/2%	2640'-2746'
	2672'-2676'	FE HCL Acid.	
	2698'-2702'	Frac'd w/52,180 gal gel	2640'-2746'
	2744'-2746'	and 168,000# 12/20 Brady Sand	

TUBING RECORD	Size	Set At	Packer At	Liner Run	Production Interval			
	2 3/8"		2640'	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2640'-2746'			
Date of First, Resumed Production, SWD or Inj. Waiting for PL connection	Producing Method <input checked="" 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
			125					

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

2640'-2746'