

and

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

Operator: License # 5447

Name: OXY USA Inc.

Address P. O. Box 26100

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

Purchaser: Nothern Natural Gas Pipeline

Operator Contact Person: Jerry Ledlow

Phone (405) 749-2309

Contractor: Name: Cheyenne

License: 5382

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 PBTD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

3/16/94 3/18/94 5/20/94
Spud Date Date Reached TD Completion Date

API NO. 15- 175-21373

County Seward

SE SW NE Sec. 3 Twp. 31 Rge. 33 X W

2802 Feet from S/X (circle one) Line of Section

1421 Feet from E/W (circle one) Line of Section

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

Lease Name Ward C Well # 2

Field Name Hugoton

Producing Formation Chase

Elevation: Ground 2911 KB 2922

Total Depth 2998 PBDT 2944

Amount of Surface Pipe Set and Cemented at 678 661 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from surface 2987'

feet depth to 678 surface w/ 330 570 sx cmt. *Kcc JH*

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

Chloride content 12,000 ppm Fluid volume 500 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name **RELEASED**

Lease Name _____ License No. KCC

26 1995
Quarter Sec. Twp. S Rng. E/W

County **FROM CONFIDENTIAL** Docket No. JUN T

CONFIDENTIAL

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 [Signature]

Title Staff Analyst Date 6/1/94

Subscribed and sworn to before me this 1st day of June, 1994.

Notary Public Cari Allen

Date Commission Expires 7-14-95

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 checked="" type="checkbox"/>	NGPA
<input checked="" type="checkbox"/>	KGS	<input type="checkbox"/>	Plug	<input type="checkbox"/>	Other (Specify)

RECEIVED

Form ACO-1 (7-91) STATE CORPORATION COMMISSION

JUN 03 1994

SIDE TWO

Operator Name OXY USA Inc. Lease Name Ward C Well # 2

Sec. 3 Twp. 31 Rge. 33 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 snut-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 Datums	<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	Hollenberg	2576	+ 346
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Herington	2598	+ 324
		Krider	2624	+ 298
		Winfield	2672	+ 250
		Towanda	2718	+ 204

List All E.Logs Run:
 MSG Gamma Collar
 Gamma Dual Spaced Neutron

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"	24	660 661'	C	320	2%cacl
Production	7 3/4"	5 1/2"	14	2987'	C	570	2%cacl

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
2	2580-84, 2602-5, 2630-33, 2674-78, 2720-24	Acidize w/ 5000 gal 15% HCL	
		Frac w/ 17,000 gal gel wtr.,	
		96,200 # 10/20 Brady Sand	

TUBING RECORD	Size 2 3/8	Set At 2579	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. 5/18/94	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls.	Gas 230 Mcf	Water 1476 Bbls.	Gas-Oil Ratio Gravity

Disposition of Gas: **METHOD OF COMPLETION** Production Interval 2580-2724
 Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
 (If vented, submit ACO-18.) Other (Specify) _____

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DRILLERS LOG

ORIGINAL

OXY USA, INC.
WARD C-2
SECTION 8-T31S-R33W
SEWARD COUNTY, KANSAS

API# 15-175-21373

COMMENCED: 03-16-94
COMPLETED: 03-19-94

SURFACE CASING: 653' OF 8 5/8"
CMTD W/180 SX LT "C", 2% C.C.,
1/4#/SX FLO-CELE; TAILED IN W/
150 SX "C", 2% C.C., 1/4#/SX FLO-CELE

FORMATION	DEPTH
SURFACE HOLE	0- 670
SAND & RED BED	670- 702
SHALE & SAND	702-2265
SHALE	2265-2998 RTD

RELEASED

JUL 26 1995

FROM CONFIDENTIAL

KCC

JUN 1

CONFIDENTIAL

I DO HEREBY CERTIFY THAT THE FOREGOING STATEMENTS ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

CHEYENNE DRILLING, INC.

A.J. JACQUES

STATE OF KANSAS :ss:

SUBSCRIBED AND SWORN TO BEFORE ME THIS 21ST DAY OF MARCH, 1994.

BECKY J. WHETSTONE, NOTARY PUBLIC

