

ORIGINAL

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

Form ACO-1
September 1999
Form Must Be Typed

Operator: License # 5447
Name: OXY USA, Inc.
Address: P.O. Box 2528
City/State/Zip: Liberal, KS 67905
Purchaser: CIG Field Services - El Paso Natural Gas
Operator Contact Person: Vicki Carder
Phone: (316) 629-4200
Contractor: Name: Key Energy
License: NA
Wellsite Geologist: NA

Designate Type of Completion:
 New Well Re-Entry Workover
 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: OXY USA, Inc.
Well Name: Brown F-2

Original Comp. Date: 11/22/77 Original Total Depth: 3320
 Deepening Pe-perf. Conv. To Enhr./SWD
 Plug Back 2925' Plug Back Total Depth
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____
02/23/01 02/23/01 03/21/01
 Date of START OF WORKOVER Date Reached TD Completion Date of WORKOVER

API No. 15 - 129-20321-0001-0003
County: Morton
- NW - SW - SE Sec 24 Twp 34 S. R. 42W
1250 feet from (S) N (circle one) Line of Section
2590 feet from (E) W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE (SE) NW SW
Lease Name: Brown F Well #: 2
Field Name: Greenwood
Producing Formation: Topeka
Elevation: Ground: 3479 Kelly Bushing: 3487
Total Depth: 3320 Plug Back Total Depth: 2925
Amount of Surface Pipe Set and Cemented at 747 feet

Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan REWORK g74 8/24/01
(Data must be collected from the Reserve Pit)
Chloride content NA ppm; Fluid volume NA bbls
Dewatering method used NA
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp, _____ S. R. East West
County: _____ Docket No.: _____

CONSERVATION DIVISION

OCT 27 2001

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 6702, 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 of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with this 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: Vicki Carder
Title: Capital Projects Date June 26, 2001
Subscribed and sworn to before me this 26 day of June
20 01
Notary Public: Anita Peterson
Date Commission Expires: Oct. 1, 2001

NOTARY PUBLIC, State of Kansas
ANITA PETERSON
My Appt. Exp. Oct. 1, 2001

KCC Office Use Only
Daw Letter of Confidentiality Attached
If Denied, Yes Date: 08-27-01 (Daw)
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

CONFIDENTIAL

Side Two

Operator Name: OXY USA, Inc. Lease Name: Brown F Well #: 2
Sec. 24 Twp. 34 S. R. 42W East West County: Morton

Instructions: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <small>(Attach Additional Sheets)</small> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <small>(Submit Copy)</small> List All E. Logs Run:	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
--	--

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
Conductor					C		
Surface					C		
Production					C		

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	3250-3266, 3272-3276 Set CIBP @ 3240'	2000 Gals 17% HCL Acid	
2	3151-3154, 3164-3168, 3180-3190, 3196-3206, 3210-3220 Set CIBP @ 3147'	3700 Gals of 17% HCL Acid (See Third Page)	

TUBING RECORD	Size 2 7/8	Set At 2810	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. 05/14/01		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 503	Water Bbls 1	Gas-Oil Ratio Gravity

Disposition of Gas Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled 2882'-2770' OA
(If vented, Submit ACO-18)

METHOD OF COMPLETION Other (Specify) _____

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	3132-3144, 3100-3110, 3086-3092, 3052-3059,	3075 Gals of 17% HCL Acid	
	3036-3040, 3025-3027	(See Third Page)	
	Set CIBP @ 3020'		
2	3010-3014, 3002-3006, 2986-2996, 2941-2949	2000 Gals of 17% HCL Acid	
	Set CIBP @ 2925'		
2	2880-2882, 2866-2870, 2840-2844, 2814-2830,	4500 Gals 17% HCL Acid	
	2804-2814, 2789-2792, 2770-2776		
		Frac/5500 Gals 25# H2O Frac G & 15 sxs 20/40 sand	