

**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: El Paso Natural Gas  
 Operator Contact Person: Vicki Gardner  
 Phone: (316) 629-4200  
 Contractor: Name: Key Energy Inc.  
 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: Knoeber A-2

API No. 15 - 129-20972-0001  
 County: Morton  
     - NW - NE - NW Sec 33 Twp. 32 S. R. 42W  
     330 feet from S (N) Line of Section  
     1380 feet from E (W) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
 (circle one)    NE    SE    (NW)    SW  
 Lease Name: Knoeber A    Well #: 2  
 Field Name: Greenwood  
 Producing Formation: Topeka  
 Elevation: Ground: 3507    Kelly Bushing: 3518  
 Total Depth: 5110    Plug Back Total Depth: 5054  
 Amount of Surface Pipe Set and Cemented at 1406 feet  
 Multiple Stage Cementing Collar Used?     Yes  No  
 If yes, show depth set 3287  
 If Alternate II completion, cement circulated from \_\_\_\_\_  
 feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Original Comp. Date: 05/24/89    Original Total Depth: 5110  
 Deepening     Re-perf. + **STIMULATE** Conv. To Enhr./SWD  
 Plug Back 3407'    Plug Back Total Depth \_\_\_\_\_  
 Commingled    Docket No. \_\_\_\_\_  
 Dual Completion    Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?)    Docket No. \_\_\_\_\_  
04/09/01    04/09/01    05/04/01  
 Date of **START OF**    Date Reached TD    Completion Date of  
**WORKOVER**    **WORKOVER**

**KCC**  
**AUG 02 2001**  
**CONFIDENTIAL**

Drilling Fluid Management Plan REWORK gtl 9/5/01  
 (Data must be collected from the Reserve Pit)  
 Chloride content NA ppm    Fluid volume NA bbls  
 Dewatering method used \_\_\_\_\_  
 Location of fluid disposal if hauled offsite: \_\_\_\_\_  
 Operator Name: \_\_\_\_\_  
 Lease Name: \_\_\_\_\_    License No.: \_\_\_\_\_  
 Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R.  East  West  
 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 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 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: Vicki Gardner  
 Title: Capital Projects    Date August 2, 2001  
 Subscribed and sworn to before me this 2<sup>nd</sup> day of August  
 20 01  
 Notary Public: Anta Peterson  
 Date Commission Expires: Oct. 1, 2001

**KCC Office Use Only**

Letter of Confidentiality Attached  
 If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

RELEASED AUG 03  
NOV 12 2002

Operator Name: OXY USA, Inc. Lease Name: Knoeber A Well #: 2

Sec. 33 Twp. 32 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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Electric Log Run <i>(Submit Copy)</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
List All E. Logs Run:				

**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

**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 <i>(Amount and Kind of Material Used)</i>	Depth
2	3732-3737	500 Gals 17% HCL Acid	
	CIBP @ 3410 w/1 sx Cmt.		
2	3312-3318, 3282-3286	1000 Gals 17% HCL Acid	
2	3258-3262, 3242-3250, 3217-3228	2300 Gals 17% HCL Acid	
2	3102-3122, 3086-3102	3600 Gals 17% HCL Acid (See Third Page)	

<b>TUBING RECORD</b>	Size 2 3/8	Set At 3376	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or Enhr. Waiting on Pipeline	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil BBLs 0	Gas Mcf 465	Water Bbls 10	Gas-Oil Ratio	Gravity
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Disposition of Gas

**METHOD OF COMPLETION**

Production Interval **3318' - 2738' OA**

Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled \_\_\_\_\_  
*(If vented, Submit ACO-18)*  
 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	3040-3046, 3012-3028, 2990-2998	4050 Gals 17% HCL Acid	
	2946-2954, 2913-2920		
2	2738-2746	1000 Gals 17% HCL Acid	
		Frac - 72000 SCF N2, 54 sxs 16/30 Ottawa Sand	