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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

Operator Contact Person: Vicki Carder

Phone: (620) 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: Hart A #1

API No. 15 - 129-00112-0002

County: Morton

C - SW - SW - NE Sec 22 Twp. 33 S. R. 43W

2310 feet from S (N) (circle one) Line of Section

2310 feet from (E) W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) (NE) SE NW SW

Lease Name: Hart A Well #: 1

Field Name: Greenwood

Producing Formation: Topeka/Wabaunsee

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Depth: 3425 Plug Back Total Depth: 3107

Amount of Surface Pipe Set and Cemented at 332 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.

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Drilling Fluid Management Plan REWORK JH 02/21/02

(Data must be collected from the Reserve Pit)

Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ 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.: \_\_\_\_\_

Original Comp. Date: 03/17/53 Original Total Depth: 3425

Deepening  Re-perf.  Conv. To Enhr./SWD

Plug Back \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_

Commingled \_\_\_\_\_ Docket No. \_\_\_\_\_

Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_

Other (SWD or Enhr.?) \_\_\_\_\_ Docket No. \_\_\_\_\_

11/14/01 11/14/01 11/16/01

Date of START Date Reached TD Completion Date of

OF WORKOVER

WORKOVER

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 Carder

Title: Capital Projects Date Dec. 17, 01

Subscribed and sworn o before me this 17th day of December 20 01

Notary Public: Anita Peterson

Date Commission Expires: Oct. 1, 2005

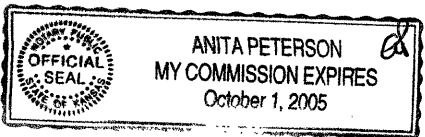
KCC Office Use Only

yes ✓ Letter of Confidentiality Attached  
If Denied, Yes  Date: \_\_\_\_\_

\_\_\_\_\_ Wireline Log Received

\_\_\_\_\_ Geologist Report Received

\_\_\_\_\_ UIC Distribution



X



Side Two

Operator Name: OXY USA Inc. Lease Name: Hart A Well #: 1  
Sec. 22 Twp. 33 S. R. 43W 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 (Attach Additional Sheets) Yes No  
Samples Sent to Geological Survey Yes No  
Cores Taken Yes No  
Electric Log Run (Submit Copy) Yes No  
List All E. Logs Run:

Log Formation (Top), Depth and Datum Sample  
Name Top Datum

CASING RECORD New Used  
Report all strings set-conductor, surface, intermediate, production, etc.  
Table with columns: 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  
Table with columns: Purpose (Perforate, Protect Casing, Plug Back TD, Plug off Zone), Depth Top Bottom, Type of Cement, #Sacks Used, Type and Percent Additives

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  
3 2749-2756, 2710-2713, 2680-2688 2500 Gals 17% HCL Acid, Frac-168,000 SCF N2, 6100 Gals SBM 30# Gel, 27 Gals AQF-2, 7# GBW-30, 5 Gals SSO-21M, 2# Breaker, 290 Gals Methanol, 180 sxs 16/30 Sand.

TUBING RECORD Size 2 3/8 Set At 3067 Packer At Liner Run Yes No

Date of First, Resumed Production, SWD or Enhr. 11/17/01 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours Oil BbLS N/A Gas Mcf 80 Water BbLS 120 Gas-Oil Ratio N/A Gravity

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

12-17-2002



**OXY USA INC.**  
Box 2528, Liberal, KS 67905-2528

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KCC WICHITA

December 17, 2001

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JAN 04 2005

Kansas Corporation Commission  
Wichita State Office Bldg.  
130 South Market, Room 2078  
Wichita, KS 67202

FROM CONFIDENTIAL

RE: Hart A-1  
22-33S-43W  
Morton County, KS

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To Whom It May Concern:

**Please file confidential.** The following items are being submitted for the above referenced well which has been recently completed as a workover.

- 1. KANSAS STATE FORM ACO-1 + two copies

If there are any questions or you require further information, please contact me at the above address or by phone at (316) 629 - 4242.

Sincerely,

Vicki Carder  
Capital Projects  
Liberal, KS

KCC

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Enclosures

XC: Well File  
Oxy USA, Inc. - Houston  
Oxy USA, Inc. - Elkhart