

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
RECOMPLETION FORM  
AOO-2 AMENDMENT TO WELL HISTORY

API NO. 15- 129-20897-00-00

County Morton

S/2 NE/4 NE/4 Sec 14 Twp 34S Rge 40 X East  
X West

Operator: License # 5447  
Name OXY USA Inc.  
Address P. O. Box 26100  
Oklahoma City, OK 73126-0100  
City/State/Zip

4030 Ft North from Southeast Corner of Section  
660 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

Purchaser Northern Natural

Lease Name Stuart A Well # 3

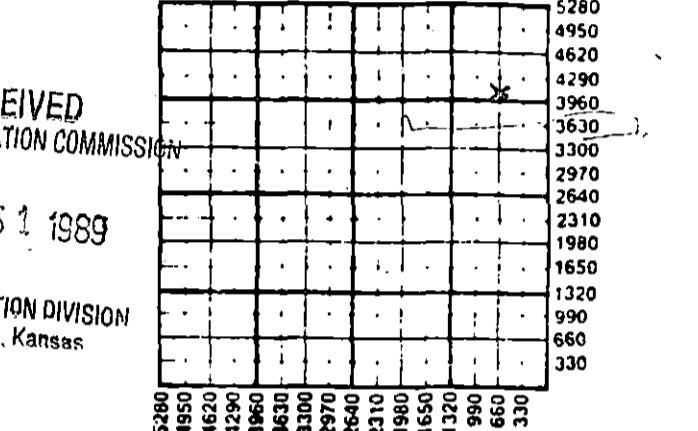
Operator Contact Person Raymond Hui  
Phone (405) 749-2471

Field Name Rolla PANOMA

Name of New Formation Chase

Elevation: Ground 3333' KB Unknown  
Section Plat

Designate Type of Original Completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  Temp Abd  
 Gas  Inj  Delayed Comp.  
 Dry  Other (Core, Water Supply, etc.)



Date of Original Completion: 7-28-1988

51 1989

DATE OF RECOMPLETION:  
9-1-1988 2-13-89  
Commenced, Completed

CONSERVATION DIVISION  
Wichita, Kansas

Designate Type of Recompletion/Workover:  
 Deepening  Delayed Completion  
 Plug Back  Re-perforation  
 Conversion to Injection/Disposal  
Is recompleted production:  
 Commingled; Docket No. \_\_\_\_\_  
 Dual Completion; Docket No. \_\_\_\_\_  
 Other (Disposal or Injection)?

K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Drillers Timelog Received  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other  
(Specify)  
.....  
.....  
3-31-89 OX

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the recompletion of any well. Rules 82-3-107 and 82-3-141 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 any additional wireline logs and driller's time logs (not previously submitted) shall be attached with this form. Submit AOO-4 prior to or with this form for approval of commingling or dual completions. Submit OP-4 with all plugged wells. Submit OP-111 with all temporarily abandoned wells. NOTE: Conversion of wells to either disposal or injection must receive approval before use; submit form U-1.

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 Bryan Humphries Title Engineering Manager Date 3-28-1989

Subscribed and sworn to before me this 28th day of March 19 89

Notary Public Marsha R. Wilson Date Commission Expires 4-1-92

SIDE TWO

Operator Name OXY USA Inc. Lease Name Stuart A Well # 3

Sec 14 Twp 34S Rge 40  East  West County Morton

RECOMPLETED FORMATION DESCRIPTION:

Log  Sample

Name \*Chase Top 2488' Bottom 2668'

\*Ran CBL/CCL/GR from 2837' to 200'. TOC at 390'. Ran CET & Cement Scan from 2837' to 1690'.

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth		Type of Cement	# Sacks Used	Type & Percent Additives
	Top	Bottom			
<input checked="" type="checkbox"/> Perforate	See below				
<input type="checkbox"/> Protect Casing					
<input checked="" type="checkbox"/> Plug Back TD	No additional		cementing record.		
<input type="checkbox"/> Plug Off Zone					

Shots Per Foot	PERFORATION RECORD	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)
	Specify Footage of Each Interval Perforated	
4	2488-2538'	Acidized 2488-2668' with 5000 gal 15% HCL acid. Frac. 2488-2668' w/79740 gals 30# Crosslinked KO-gel.
4	2542-2546'	
4	2550-2596'	
4	2607-2616'	
4	2624-2656'	
4	2660-2668'	

PBTD 2845' Plug Type Cement

TUBING RECORD:

Size ---- Set At ---- Packer At --- Was Liner Run?  Y  N

Date of Resumed Production, Disposal or Injection 1-25-1989

Estimated Production Per 24 Hours 0 bbl/oil 0 bbl/water

818 MCF gas --- gas-oil ratio

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION OR RECOMPLETION FORM  
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: License # 5447  
Name OXY USA Inc.  
Address 3545 N.W. 58th Street  
City/State/Zip Okla. City, Okla. 73112

Purchaser Unknown at this time.

Operator Contact Person Raymond Hui  
Phone (405) 949-4400

Contractor: License # 5842  
Name Gabbert - Jones

Wellsite Geologist  
Phone

Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  Temp Abd.  
 Gas  Inj  Delayed Comp.  
 Dry  Other (Core, Water Supply etc.)

If OWN: old well info as follows:  
Operator Matagorda Island Expl. Company  
Well Name Stout D #2  
Comp. Date 1-17-88 Old Total Depth 6525

WELL HISTORY

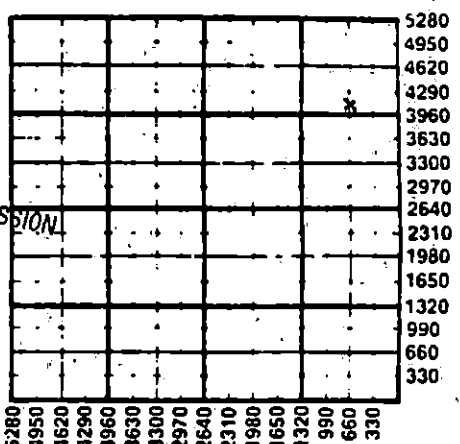
Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
1-5-88 1-15-88 Pending  
Spud Date Date Reached TD Completion Date  
6525' 2854'  
Total Depth PBTD  
Amount of Surface Pipe Set and Cemented at 1694 feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set... feet  
If alternate 2 completion, cement circulated from... feet depth to... w/... SX cmt  
AIT

API NO. 15-129-20897-0000  
County Morton  
S/2 NE/4 NE/4 Sec. 14 Twp. 34 Rge. 40  East  West

4030 Ft North from Southeast Corner of Section  
660 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

Lease Name Stuart A  
Field Name Rolla

Producing Formation Kansas Hugoton Gas  
Elevation: Ground 3333 KB Unknown  
Section Plat



RECEIVED  
STATE CORPORATION COMMISSION  
AUG - 4 1988  
CONSERVATION DIVISION  
Wichita, Kansas

WATER SUPPLY INFORMATION  
Disposition of Produced Water:  Disposal  Repressuring  
Docket #

Questions on this portion of the ACO-1 call:  
Water Resources Board (913) 296-3717  
Source of Water: Purchased  
Division of Water Resources Permit #  
 Groundwater... Ft North from Southeast Corner (Well) ... Ft West from Southeast Corner of Sec Twp Rge  East  West  
 Surface Water... Ft North from Southeast Corner (Stream, pond etc)... Ft West from Southeast Corner Sec Twp Rge  East  West  
 Other (explain) (purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 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 drillers time log shall be attached with this form. 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 hereon are complete and correct to the best of my knowledge.

Signature Bryan Humphries  
Title Engineering Manager Date 7-28-1988  
Subscribed and sworn to before me this 28th day of July 1988  
Notary Public Marsha A. Wilson  
Date Commission Expires 4-1-92

K.C.C. OFFICE USE ONLY  
 Letter of Confidentiality Attached  
 Wireline Log Received  
 Drillers Time Log Received  
Distribution  
 KCC  SWD/Rep  NGA  
 KGS  Plug  Other (Specify)

14 Twp 34 Rge 40

SIDE TWO

Operator Name OXY USA Inc. Lease Name Stuart A. Well # 3

Sec. 14 Twp. 34 Rge. 40  East  West County Morton

WELL LOG

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  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No

Formation Description  
 Log  Sample

Ran Dual Induction Short Guard Log; Spectral Density Dual Spaced Neutron II Log; Microlog; Compensated Acoustic Velocity Log.

Name	Top	Bottom
Winfield	2551	
Heebner	4024	
Lansing	4135	
Marmaton	4882	
Cherokee	5106	
Morrow	5642	
Chester	6176	
St. Gen	6283	
St. Louis	6330	
	TD	6525
	PBTD	2854

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
Surface	12-1/4"	8-5/8"	24#	1694'	Pozmix	850	4% gel; 2% CaCl <sub>2</sub>
Production	7-7/8"	5-1/2"	14#	2853'	Pozmix	200	10% Diacer
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)			Depth
	Waiting for completion						
TUBING RECORD							
Size	Set At	Packer at	Liner Run		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Date of First Production		Producing Method					
Waiting for completion		<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....					
Estimated Production Per 24 hours		Oil	Gas	Water	Gas-Oil Ratio	Gravity	
		Bbls	MCF	Bbls	CFPB		

METHOD OF COMPLETION Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  
 Sold  Other (Specify) .....

used on Lease  Dually Completed  Commingled