

**X Amended**

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

SIDE ONE

15-129-20853-00-00  
129-20536-853  
K-111

S X

API NO. 15-.....  
County.....Morton.....  
SE/4. SW/4. NW/4 Sec. 22. Twp. 34S. Rge. 40. East  
X West

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

2970  
4030  
Ft North from Southeast Corner of Section  
Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

Purchaser Unknown at this time

Lease Name Mingenback A Well # 2  
Field Name Wildcat Rolla

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

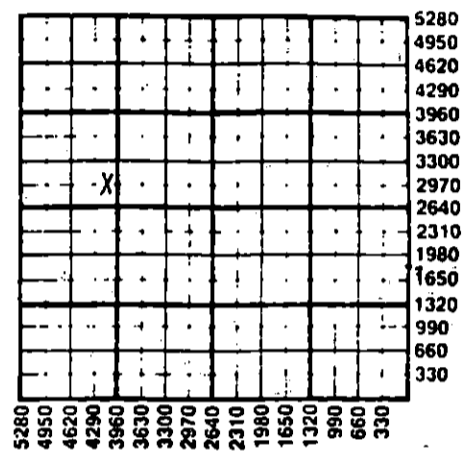
Producing Formation St. Louis  
Elevation: Ground 3360' KB 3371'

Contractor: License # 5421  
Name Sage Drilling Company

Wellsite Geologist Andrew Howell  
Phone (405) 749-2000

Designate Type of Completion  
X New Well Re-Entry  
Oil SWD Temp Abd  
X Gas Inj Delayed Comp.  
Dry Other (Core, Water Supply etc.)  
if OWNO: old well info as follows:

RECEIVED  
STATE CORPORATION COMMISSION  
NOV 16 1988  
CONSERVATION DIVISION  
Wichita, Kansas



Operator .....  
Well Name .....  
Comp. Date ..... Old Total Depth.....

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

WELL HISTORY  
Drilling Method:  
X Mud Rotary Air Rotary Cable  
6-29-1987 7-10-1987 Pending  
Spud Date Date Reached TD Completion Date  
6500' 6438'  
Total Depth PBTB

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. #)

Amount of Surface Pipe Set and Cemented at 1673'  
Multiple Stage Cementing Collar Used? X Yes No  
If yes, show depth set DV tool at 2817'  
feet  
If alternate 2 completion, cement circulated  
from.....feet depth to.....w/.....SX cmt  
Cement Company Name .....  
Invoice # .....  
D/I

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 spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 herein are complete and correct to the best of my knowledge.

Signature Bryan Humphries  
Title Engineering Manager Date 11-9-1988

Subscribed and sworn to before me this 9th day of November 1988  
Notary Public Marsha R. Wilson  
Date Commission Expires 4-1-92

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)  
11-16-88  
Form ACO-1 (5-86)

Sec 22, Twp 34, Rge 40 W

Operator Name: OXY USA Inc Lease Name: Mingenback A Well #: 2

Sec. 22 Twp. 34S 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 Micro w/GR from 6471-1672'; Comp. Neutron Litho. w/GR & Caliper 6496-1672'; Dual Ind. SFL w/SP & GR 6493-1672'; BHC Sonic w/GR from 6459-1672'. Ran CBL & CCL/GR logs from 6431-1675'. TOC on 1st stage at 3920'. TOC on 2nd stage above BTM of surface csg.

Name	Top	Bottom
Red Bed	0	1095
Anhy.	1095	1674
Lime & Shale	1674	6500
	TD	6500

DST #1 6340-6385' (45') (Recovered 245' of drilling fluid & 1154' of gas cut SW).

Continued\*

DST #2 6251-6338' (87') (Recovered 1550' gas in DP, 497' gas mud cut oil.)

followed by 150' sx Poz C1 H cmt. w/2% gel, 12% salt, 1/4#/sx LCM & 3/4% FLA.

Production Casing Information

Ran 5-1/2" csg., 15.5#, & set at 6498' w/DV tool at 2817'. Pumped 10' bbls drilling mud, 500 gal mud flush, 510' sx C1 H Poz. w/6% gel, 1/4#/sx LCM, (continued \*)

Cemented 2nd stage w/350' sx C1 C Poz w/6% gel, w/1/4# per sx LCM, followed by 150' sx Poz w/2% gel, 12% salt, 3/4% FLA & 1/4# per sx LCM.

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 Pipe	30"	20"		40'	Grout	6 sx	
Surface	12-1/4"	8-5/8"	24#	1673'	C1 C	625	2% CaCl <sub>2</sub> 1#/sx Flo!
Production	7-7/8"	5-1/2"	Pis refer	to Prod	Csg. info		listed above
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)			
Shots Per Foot	Specify Footage of Each Interval Perforated			Depth			
4	St. Louis 6319-6324' (Squeezed)			100 gal 15% HCL acid	6314-6324'		
4	6293-94' (Squeezed)			250 gal 7-1/2% spearhead acid	6278-6294'		
4	6289-6294'; 6278-6280'			Acidized w/1000 gal 15% HCL	6319-24'		
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production		Size 2-3/8" Set At 6249'		Packer at			
Waiting for completion		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 MCF	Water Bbls	Gas-Oil Ratio	Gravity	

METHOD OF COMPLETION

Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  Sold  Other (Specify) ..... 6278-6324'  Used on Lease  Dually Completed  Commingled