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CONFIDENTIAL

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RELEASED

APR 30 1991

SIDE ONE

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

Operator: License # 5447

Name: OXY USA, Inc.

Address P.O. Box 26100

City/State/Zip Oklahoma City, OK 73126-0100

Purchaser: CITGO & PEPL

Operator Contact Person: Raymond Hui

Phone ( 405 ) 749-2471

Contractor: Name: Cheyenne Drilling Co.

License: \_\_\_\_\_

Wellsite Geologist: Andrew Howell

Designate Type of Completion

New Well  Re-Entry  Workover

Oil  SWD  Temp. Abd.  
 Gas  Inj  Delayed Comp.  
 Dry  Other (Core, Water Supply, etc.)

If **OWMO**: old well info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Drilling Method:

Mud Rotary  Air Rotary  Cable

3-3-1990 3-14-1990 4-16-1990

Spud Date Date Reached TD Completion Date

API NO. 15- 129-21037

County Morton FROM CONFIDENTIAL

CS/2 NE SW/4 Sec. 33 Twp. 31S Rge. 39  East West

1650 Ft. North from Southeast Corner of Section

3300 Ft. West from Southeast Corner of Section  
(NOTE: Locate well in section plat below.)

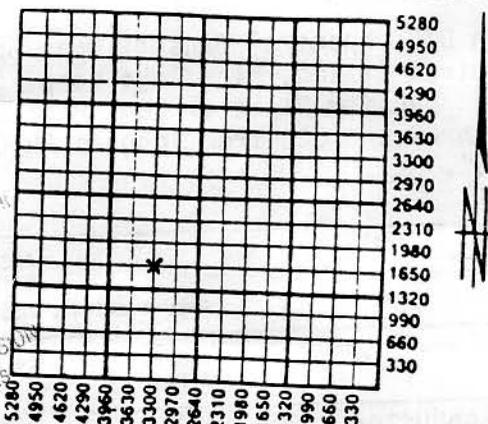
Lease Name Sullivan B Well # 2

Field Name East Kinsler

Producing Formation Morrow L-1

Elevation: Ground 3242' KB 3253'

Total Depth 6000' PBTD 5936'



Amount of Surface Pipe Set and Cemented at 1729 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set DV Tool at 3066 Feet

If Alternate II completion, cement circulated from \_\_\_\_\_ feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

**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. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 Vic Tumlinson

Title Operations Drilling Manager Date 4-17-1990

Subscribed and sworn to before me this 17th day of April, 19 90.

Notary Public Rosanne Cuzmadia

Date Commission Expires December 31, 1991

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) T.S.

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Y900

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SIDE TWO

Operator Name OXY USA, Inc.

Lease Name Sullivan B

Well # 2

Sec. 33 Twp. 31S Rge. 39

East  
 West

County Morton

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.

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Drill Stem Tests Taken  Yes  No  
(Attach Additional Sheets.)  
Samples Sent to Geological Survey  Yes  No  
Cores Taken  Yes  No  
Electric Log Run  Yes  No  
(Submit Copy.)

Formation Description

FROM CONFIDENTIAL

Log  Sample

Name	Top	Bottom	TOPS
Glorietta	0	1285	
Cim. Anhy.	1285	1730	BCA 1734'
Limestone	1730	4145	WINFIELD
Shale	4145	6000	2486'
TD		6000	HEEBNER
PBTD		5936	3902'
			MOR. SH
			5442'
			Chester
			5900

Ran DIL, Spectral Density Dual Spaced Neutron II Log; Microlog; Comp. Sonic Log; High Density Dipmeter Log. Ran CBL & CET logs with GR and CCL from loggers PBTD 5936' to 450'.

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
Conductor Pipe	30"	20"		32'	Redi-Mix	4 yds.	-
Surface	12 1/4"	8 5/8"	24#	1729'	Cl. C	635	6% gel; 2% CaCl
Production	7 7/8"	5 1/2"	15.5#; 14#	5990'	Please refer to csg info below.		

PERFORATION RECORD

Shots Per Foot Specify Footage of Each Interval Perforated

4	Morrow 5506-5508' (2'; 8 holes)

Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth

Not Acidized	
Not frac'd.	

TUBING RECORD

Size 2 3/8" Set At 5506' Packer At

Liner Run  Yes  No

Date of First Production 4-4-1990

Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours

Oil 125 Bbls. Gas 65 Mcf MCFPD Water 0 Bbls. Gas-Oil Ratio Gravity

Disposition of Gas:

Vented  Sold  Used on Lease  
(If vented, submit ACO-18.)

METHOD OF COMPLETION

Open Hole  Perforation  Dually Completed  Commingled  
 Other (Specify)

Production Interval

5506-5508'

Production csg & cementing info: Pumped 1st stage cmt as follows: 500 gals mud flush followed by 350 sx 65/35 Cl.H Poz. followed by 285 sx 50/50 Cl.H Poz. containing 12% salt. Pumped 2nd stage cmt as follows: 500 gal mud flush followed by 475 sx 65/35 Cl.C Poz. containing 1/4 #/sx D-29. TOC at 3065'.