

ORIGINAL

RELEASED  
CONFIDENTIAL

MAR 0 5 1992

AMENDED

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 OKLA CITY, OK 73126-0100

Purchaser: CITGO

Operator Contact Person: BRENT G. SONNIER

Phone (405) 749-2276

Contractor: Name: GABBERT-JONES

License: 5842

Wellsite Geologist: ANDY 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 OAWO: old well info as follows:  
 Operator: \_\_\_\_\_  
 Well Name: \_\_\_\_\_  
 Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
10-27-90 11-7-90 3-13-91  
 Spud Date Date Reached TD Completion Date

API NO. 15- 129-21057-0000

County MORTON FROM CONFIDENTIAL

CNE NE NW Sec. 5 Twp. 32 Rge. 39  East West

4950 Ft. North from Southeast Corner of Section

2970 Ft. West from Southeast Corner of Section  
(NOTE: Locate well in section plat below.)

Lease Name COOVER A Well # 2

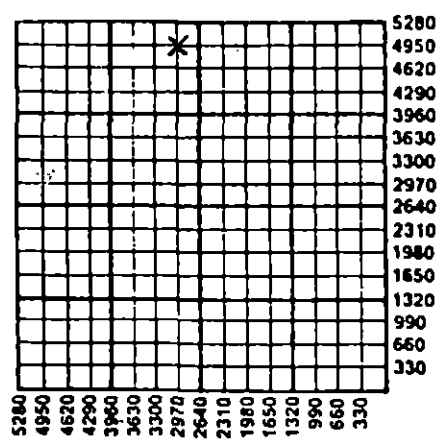
Field Name E. KINSLER

Producing Formation MORROW

Elevation: Ground 3266 KB 3277

Total Depth 5990' PBD 5935'

RECEIVED  
 STATE CORPORATION COMMISSION  
 WICHITA, KANSAS  
 JUN 9 1991  
 6-3-1991



Amount of Surface Pipe Set and Cemented at 1721 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set DV TOOL AT 3080 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 Brent G. Sonnier  
 Title REGULATORY ADVISOR Date 5-29-91

Subscribed and sworn to before me this 29 day of May, 1991.

Notary Public JANICE MCKAIG  
 Date Commission Expires MARCH 12, 1994

**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)

**SIDE TWO**

Operator Name OXY USA, INC. Lease Name COOVER A Well # 2  
 Sec. 5 Twp. 32S Rge. 39  East County MORTON  
 West

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

RAN DUAL INDUCTION AND SONIC LOG.

Formation Description		
Name	Top	Bottom
BCA	1747	2497
WINFIELD	2497	3912
HEEBNER	3912	4712
MARMATON	4712	5432
MORSHALE	5432	5482
MOR. L	5482	5867
KEYES	5867	5990
TD		5990
PBTD		5935

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"	-	42'	Redi-Mix	3.5 yd.	-
Surface	12 1/4"	8 5/8"	24#	1721'	Cl.C	675	6% gel
Production	7 7/8"	5 1/2"	14 & 15.5#	5991'	*Pls refer to csg info below		
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
4	5511-5514			Not treated		-	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Size 2 3/8" Set At 5502 Packer At							
Date of First Production		Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)					
3-13-91							
Estimated Production Per 24 Hours		Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity	
		182	110		602		

Disposition of Gas:  Vented  Sold  Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION:  Open Hole  Perforation  Dually Completed  Commingled  Other (Specify) 5511-5514

\*Prod. Csg. & Cement Record: Cmt'd 1st stage as follows: Pumped 500 gal. mud flush. Pumped 300 sx 65/35 Cl.H Poz w/6% gel., followed by 250 sx Cl.C Poz w/6% gel. Cmt'd 2nd stage as follows: Pumped 500 gal mud flush. Pumped 250 sx Cl.C Poz w/6% gel. Tailed in w/525 sx Cl. Poz w/2% gel. Cir. 93 sx cmt to surf.

ORIGINAL

TURNER

RELEASED

WIRELINE SERVICE CO.

MAR 05 1992

Post Office Box 1105 • 10 N. Industrial  
PERRYTON, TEXAS 79070-1105  
24 Hour Phone (806) 435-3087

FROM CONFIDENTIAL

LEGAL: 5-32S-39W

INDIVIDUAL WELL DATA SHEET

Company OXY USA INCORPORATED Lease COOVER "A" Well No. 2  
 Field KINSLER EAST County MORTON State KANSAS  
 Test Date 3-23-91 Time 9:58 A.M. Status of Well SHUT-IN  
 Top of Pay 5511 Total Depth PB 5951 Producing Formation \_\_\_\_\_  
 Tubing 2 3/8 Depth SN 5483 Packer \_\_\_\_\_ Pressure Datum 5483 RD & SN  
 Casing \_\_\_\_\_ Depth \_\_\_\_\_ Perfs 5511 - 5514 Liner \_\_\_\_\_

Depth Feet	$\Delta$ Depth	Pressure Lbs. Sq. In.	$\Delta$ Pressure	*Gradient Lbs./Ft.	
SURFACE		451			CASING PRESSURE 480 DWG
	1000		14	.014	Tubing Pressure 450 DWG
1000		465			Top of Fluid 1445'
	1000		176	.176	Top of Water NONE
2000		641			Hours Shut-In 85 HRS
	1000		306	.306	Temperature 148°
3000		947			Elevation
	1000		310	.310	Last Test Date 11-26-90
4000		1257			Press. Last Test 1732.8 @ MPP
	1000		316	.316	B.H.P. Change
5000		1573			
	300		96	.320	Element Range 0 - 2500
5300		1669			RPG-3 19793
	183		59	.322	Calibration No.
5483 RUN DEPTH & SN		1728			Run By DAVID BURRIS & DUANE PSHIGODA Calculated By DICK ROBERSON

STATE COMMISSION

JUN 7 1991

CONSERVATION DIVISION  
Wichita, Kansas

\*Gradients are calculated in decimals. Pressure and  $\Delta$  pressure are shown to the nearest pound. All pressure instruments are Temperature Compensated.

DISTRIBUTION: 2 - OXY USA Incorporated  
P.O. Box 26100  
Oklahoma City, Oklahoma 73126-0100

2 - OXY USA Incorporated  
Drawer K  
Elkhart, Kansas 67950  
FAX - 316-697-2631

ORIGINAL

TURNER

RELEASED

WIRELINE SERVICE CO.  
Post Office Box 1105 • 10 N. Industrial  
PERRYTON, TEXAS 79070-1105  
24 Hour Phone (808) 435-3087

MAR 05 1992

FROM CONFIDENTIAL

INDIVIDUAL WELL DATA SHEET

*Cover A-2*

Company OXY USA INCORPORATED Lease YEAGER Well No. B-4

Field \_\_\_\_\_ County MORTON State KANSAS

Test Date 11-26-90 Time 10:35 A.M. Status of Well SHUT IN

Top of Pay 5511 Total Depth \_\_\_\_\_ Producing Formation \_\_\_\_\_

Tubing 2 3/8 Depth 8 RD. Packer SN 5485 Pressure Datum 5513 MPP

Casing \_\_\_\_\_ Depth \_\_\_\_\_ Perfs 5511 - 5514 Liner \_\_\_\_\_

Depth Feet	△ Depth	Pressure Lbs. Sq. In.	△ Pressure	*Gradient Lbs./Ft.	
SURFACE		401			Casing Pressure 301
	1000		6	.006	Tubing Pressure 401
1000		407			Top of Fluid 1266
	1000		227	.227	Top of Water
2000		634			Hours Shut-In
	1000		307	.307	Temperature 142°
3000		941			Elevation
	1000		310	.310	Last Test Date
4000		1251			Press. Last Test
	1000		321	.321	B.H.P. Change
5000		1572			Element Range
	300		99	.330	RPG 19793
5300		1671			Calibration No.
	148		52	.351	Run By DUANE PSHIGODA & BOB SETTLES
5485 RUN DEPTH		1723			Calculated By DICK ROBERSON
	+28		9.8	(.351)	
5513 MPP		1732.8			

RECEIVED  
STATE COMMISSION  
PERRYTON, TEXAS

JUL 7 1991

CONSERVATION DIVISION  
Wichita, Kansas

\*Gradients are calculated in decimals. Pressure and △ pressure are shown to the nearest pound. All pressure instruments are Temperature Compensated.

DISTRIBUTION: 2 - OXY USA Incorporated P. O. Box 26100 Oklahoma City, Oklahoma 73126-0100  
2 - OXY USA Incorporated Attn: Cal Wylie Drawer K Elkhart, Kansas 67950