

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

API NO. 15- 129-21077-0000 MAY 06

County Morton **CONFIDENTIAL**

CNE NW/4 Sec. 6 Twp. 32S Rge. 39 East West

4620 Ft. North from Southeast Corner of Section

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

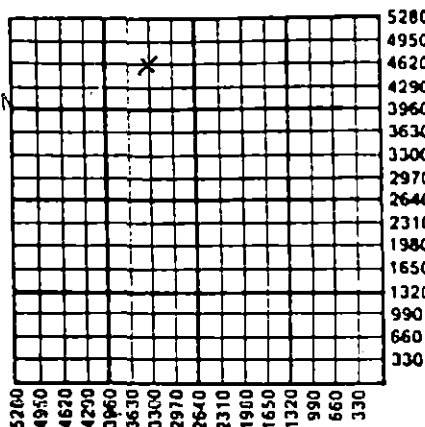
Lease Name Kansas University AWell # 4

Field Name E. Kinsler

Producing Formation Morrow L-1

Elevation: Ground 3263' KB 3274'

Total Depth 5939' PBDT 5892'



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 3033 Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Operator: License # 5447

Name: OXY USA, Inc.

Address P.O. Box 26100

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

Purchaser: CITGO

Operator Contact Person: Raymond Hui

Phone (405) 749-2471

Contractor: Name: Zenith Drilling Company

License: 5141'

Wellsite Geologist: Andy Howell

Designate Type of Completion

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

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

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:

- Mud Rotary Air Rotary Cable

4-2-91 4-14-91 5-2-91

Spud Date Date Reached TD Completion Date

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 ACD-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 5-2-91

Subscribed and sworn to before me this 2nd day of May, 19 91.

Notary Public: Kay Ann Kilmer

Date Commission Expires 4-16-94

K.C.C. OFFICE USE ONLY		
F	<input checked="" type="checkbox"/>	Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/>	Wireline Log Received
C	<input type="checkbox"/>	Drillers Time Log Received
Distribution		
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug
		<input type="checkbox"/> NGPA
		(Specify) _____

SIDE TWO

Operator Name OXY USA, Inc.

Lease Name Kansas University A Well # 4

East

County Morton

Sec. 6 Twp. 32S Rge. 39 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 Laterolog.

Name	Formation Description	
	<input checked="" type="checkbox"/> Log	<input type="checkbox"/> Sample
	Top	Bottom
Winfield	2475	3885
Heebner	3885	4685
Marmaton	4685	5380
Mor. Shale	5380	5437
Mor. L	5437	5785
Mor. S	5785	5850
Keyes	5850	5939
TD		5939
PBTD		5892

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
Surface	12 1/4"	8 5/8"	24#	1721'	Cl.C	675	6% gel
Production	7 7/8"	5 1/2"	14 & 15#	5936'	*Please refer to csg data below.		

Shots Per Foot	PERFORATION RECORD Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	Morrow L-1 5446-5455'	Not treated	

TUBING RECORD Size _____ Set At _____ Packer At _____ Liner Run Yes No

Date of First Production 4-27-91 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	130	345			

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

METHOD OF COMPLETION: Open Hole Perforation Dually Completed Commingled

Production Interval: 5446-5455'

*Production Casing Data: DV Tool at 3033'. Cemented 1st stage as follows: Pumped 500 gals mud flush, followed by 375 65/35 Cl.H Poz. containing 6% gel; followed by 250 sx Cl.H Poz. containin. 2% gel. Cmt'd 2nd stage as follows: pumped 500 gals mud flush, followed by 230 sx 65/35 Cl.C Poz containing 6% gel, followed by 550 sx Cl.C Poz containing 2% gel.



DOWELL SCHLUMBERGER INCORPORATED

COPY

KCC

INVOICE

ORIGINAL

REMIT TO:

P. W. WALKER
DALLAS TX 75389-0788
CONFIDENTIAL

INVOICE DATE

INVOICE NUMBER

03-12-3688

TYPE SERVICE

CEMENTING

E0016

0312

AN7491
OXY USA INC

P O BOX 24100
OKLAHOMA CITY

OK 73128

WELL NAME / JOB SITE	STATE	COUNTY / CITY	SERVICE FROM LOCATION	SHIPPED VIA	CUSTOMER P.O. NO./REF.
WAVE	KS	MORTON	ULYSSES	DS	
LOCATION / PLANT ADDRESS	DATE OF SERVICE ORDER		CUSTOMER OR AUTHORIZED REPRESENTATIVE		
SFC	04/03/91		DAN CAFFEY		

9-1522410 x 2360.1 / 724 W54-8

ITEM CODE	DESCRIPTION	UOM	QTY	UNIT PRICE	AMOUNT
059700002	MILEAGE, ALL OTHER EQUIPMENT	MT	32	2.6500	84.80
102871026	CONG CMNT 1501-2000' 1ST 8HR	8HR	1	1,000.0000	1,000.00
049100000	SERVICE CHG CEMENT MATL LAB	CFT	747	1.1500	859.05
049102000	TRANSPORTATION CMNT TON MILE	MT	1021	.8000	816.80
059697000	PAPER TREAT ANALYSTS RECORDER	JOB	1	125.0000	125.00
040003000	D903, CEMENT CLASS C	CFT	483	7.7500	3,743.25
045008000	D35, LITEPOZ 3 EXTENDER	CFT	192	3.5000	672.00
045014050	D20, BENTONITE EXTENDER	LBS	2871	.1600	459.36
067005100	S1, CALCIUM CHLORIDE	LBS	1192	.3400	405.28
044003025	D29, CELLOPHANE FLAKES	LBS	169	1.4500	245.05
058704085	PLUG CEMG 8-5/8" TOP 4L CORE	EA	1	150.0000	150.00
	DISCOUNT - MATERIAL				1,986.23-
	DISCOUNT - SERVICE				1,009.98-
				SUB TOTAL --	5,564.38
H C	STATE TAX ON			3,638.71	156.77
M F C	LOCAL TAX ON			3,688.71	36.89
				AMOUNT DUE --	5,758.94

RECEIVED
STATE CORPORATION COMMISSION

MAY 10 1991

CONSERVATION DIVISION
Wichita, Kansas

53
WMS WMS WMS

WITH QUESTIONS CALL 316-356-1272
FEDERAL TAX ID # 38-239-7173
TERMS -- NET 30 DAYS DUE ON OR BEFORE MAY 04, 1991

THANK YOU. WE APPRECIATE YOUR BUSINESS.

RA Adams
R A ADAMSK



INVOICE

REMIT TO:

P O BOX 899722 DALLAS TX 75389-0722

WCC ORIGINAL

0312

MAY 06 CONFIDENTIAL

687421 UNY USA INC

P O BOX 26100 OKLAHOMA CITY OK 73126

OK 73126

PAGE	1	INVOICE DATE	
TYPE SERVICE		FOO16	
CEMENTING		CEMENT PRODUCTS	

WELL NAME / JOB SITE	STATE	COUNTY / CITY	SERVICE FROM LOCATION	SHIPPED VIA	CUSTOMER P.O. NO./REF.
KANSAS UNIVERSITY - A 4	KS	WORTON	WYSSER	KS	
LOCATION / PLANT ADDRESS			DATE OF SERVICE ORDER	CUSTOMER OR AUTHORIZED REPRESENTATIVE	
SEC			04/13/91	DAN COFFEY	

9-1572410 x 2360.1 / 724 was 4-25

ITEM CODE	DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
10281000	CEMNG CONT 5501-4000 1ST BHR	BHR	1	1,485.0000	1,485.00
04801000	CEMENT PUMPER-FER ADDL STAGE	BHR	1	975.0000	975.00
04910200	TRANSPORTATION CONT TON MILE	MT	2176	.8000	1,740.80
04910000	SERVICE (INC CEMENT MAT) LAND	CFT	1530	1.1500	1,759.50
05369700	PACK TREAT ANALYTIC RECORDER	HR	1	125.0000	125.00
05920000	RELEASE, ALL OTHER EQUIPMENT	MT	34	2,6500	90.10
04000300	0903, CEMENT CLASS C	CFT	426	7,7500	3,301.50
04001500	0909, CEMENT CLASS B	CFT	349	7,2500	2,675.25
04500000	035, LITEPOZ 3 EXTENDER	CFT	598	3,5000	2,093.00
04501400	026, BENTONITE EXTENDER	LBS	4502	.1600	720.32
04700310	01, CALCIUM CHLORIDE	LBS	1341	.7400	455.94
04400300	029, CELLOPHANE FLAKES	LBS	349	1,4500	506.05
04400450	059, FLAC FLUID LOSS ADDITV	LBS	105	9,1500	960.75
04400200	060, FLAC FLUID LOSS ADDITV	LBS	276	7,1000	1,959.60
04500400	044, GRANULATED SALT	LBS	1687	.1100	185.57
10028200	0826, CHEMICAL WASH CNT	REL	24	24,9000	597.60
	DISCOUNT - MATERIAL				5,247.69
	DISCOUNT - SERVICE				2,408.40

139 WMS

RECEIVED STATE CORPORATION COMMISSION

MAY 10 1991

CONSERVATION DIVISION Wichita, Kansas

SUB TOTAL -- 11,274.89

STATE TAX ON 8,212.23 349.82

FEDERAL TAX ON 8,212.23 82.12

AMOUNT DUE -- 12,406.63

S3 WMS WMS WMS 006

WITH QUESTIONS CALL 314-356-1272

FEDERAL TAX ID # 36-239-7173

TERMS -- NET 30 DAYS DUE 00 HR BEFORE MAY 14, 1991

THANK YOU. WE APPRECIATE YOUR BUSINESS.

R A ADAMAK R A ADAMAK