

ORIGINAL

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RELEASED

MAR 0 4 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

Oklahoma City, Ok 73126-0100

City/State/Zip _____

Purchaser: PEPL

Operator Contact Person: Raymond Hui

Phone (405) 749-2471

Contractor: Name: Exeter Drilling Co.

License: _____

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

4-26-1989 5-7-1989 9-18-1989

Spud Date Date Reached TD Completion Date

API NO. 15- 129-20977-0000 FROM CONFIDENTIAL

County Morton

C NE SE Sec. 6 Twp. 32S Rge. 39 East West

1980 Ft. North from Southeast Corner of Section

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

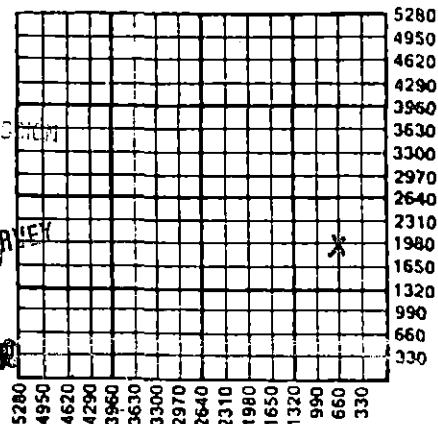
Lease Name Kansas University A Well # 3

Field Name East Kinsler

Producing Formation Morrow S-4

Elevation: Ground 3243' KB 3254'

Total Depth 6250' PBDT 6193'



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STATE CORPORATION COMMISSION
OCT 11 1989
KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH
OCT 12 1989

Amount of Surface Pipe Set and Cemented at 1744' Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set DV Tool at 3089' 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 Bryan Humphries

Title Engineering Manager Date 10-9-1989

Subscribed and sworn to before me this 9th day of October, 19 89.

Notary Public Marsha B. 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 NGPA

KGS Plug Other

(Specify)

SIDE TWO

Operator Name OXY USA, Inc. Lease Name Kansas University A Well # 3
 Sec. 6 Twp. 32S 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.

RELEASED

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 BHC Sonic w/GR & Caliper. Ran Spectral Density Dual Spaced Neutron II log from 6216-1746'; Dual Induction Short Guard log from 6218-1746'; long spaced Sonic Log from 6180-1746'; Microlog from 6215-1746'. Ran CBL and CET w/GR.

Name	Formation Description	
	Top	Bottom
RedBed & Sand	0	1277
Cimarron Anhy.	1277	1745
Shale	1745	2660
Lime & Shale	2660	6250
	TD	6250
	PBTD	6193

Log Sample
 MAR 04 1991
 FROM CONFIDENTIAL

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"		40'	Redi-Mix	6 sx	
Surface	12-1/4"	8-5/8"	24#	1744'	CI C	675	2% CaCl & 1#/sx Flo.
Production	7-7/8"	5-1/2"	15.5#/14#	6247'	*Please refer to info listed below.		

Shots Per Foot	PERFORATION RECORD DV Tool @ 3089' Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	Morrow S-4 5816-5826' (10'; 41 holes)	Not acidized and frac'd	--

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

Date of First Production 9-8-1989 Producing Method Flowing Pumping Gas Lift Other (Explain)
 Estimated Production Per 24 Hours
 Oil 1 Bbls. Gas 559 Mcf 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) 5816-5826'

*Production csg. cementing Info.: Pumped 1st stage cement as follows: 500 gals mud flush, 370 sx 65/35 CI H Poz containing 6% total gel, foll. by 256 sx 50/50 CI H Poz cont. 2% total gel. Pmpd. 2nd stage cmt. w/500 gal mud flush foll. by 213 sx CI C Poz cont. 6% total gel, & 1#/sx Flo., foll. by 390 sx 50/50 CI C Poz containing 2% total gel.

ORIGINAL

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Kansas University A #3
C NE SE Sec. 6-32S-39W

MAR 04 1991

15-129-20,977

FROM CONFIDENTIAL

Formation

	Top	Bottom
BCA	1747	
Winfield	2500	
Council Grove	2752	
Heebner	3898	
Lansing	4012	
Marmaton	4703	
Morrow Shale	5447	
Morrow sd	5810	5830
Keyes sd	5880	5892
Chester	5892	
Ste Gen.	6010	
St. Louis	6094	

RECEIVED
STATE CORPORATION COMMISSION

FEB 28 1991

STATE CORPORATION COMMISSION
TOPEKA, KANSAS

INVOICE

HALLIBURTON SERVICES

A Halliburton Company

INVOICE NO.	DATE
74-193	04-07-1991

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
KANSAS UNIVERSITY A-3		MORTON		OK	ORIGINAL CASE 6/8/89
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE	
LIBERAL		EXETER DRUG #2		CEMENT SURFACE CASING	
ACCT. NO.		CUSTOMER AGENT		VENDOR NO.	CUSTOMER P.O. NUMBER
659167		JAMES T MONGOLD JR		E-26	
				SHIPPED VIA	FILE NO.
				COMPANY TRUCK	75506

OXY USA INC.
P. O. BOX 26100
OKLAHOMA CITY, OK 73126-0100

DIRECT CORRESPONDENCE TO:
SUITE 600
COLORADO DERBY BUILDING
WICHITA, KS 67202-0000

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE	47	MI	2.20	103.40
		1	UNT		
001-016	CEMENTING CASING	1745	FT	887.00	887.00
		1	UNT		
030-018	CEMENTING PLUG SW, PLASTIC TOP	8 5/8	IN	82.00	82.00
		1	EA		
504-120	HALL LIGHT - PREMIUM PLUS	550	SK	6.29	3,459.50
504-050	PREMIUM PLUS CEMENT	125	SK	7.08	885.00
507-210	FLOCELE	169	LB	1.21	204.49
509-406	ANHYDROUS CALCIUM CHLORIDE	12	SK	25.75	309.00
500-207	BULK SERVICE CHARGE	699	CFT	.95	664.05
500-306	MILEAGE CMTG MAT DEL OR RETURN	826.800	TMI	.70	578.76
INVOICE SUBTOTAL					7,173.20
DISCOUNT - (BID) <i>15%</i>					1,075.96-
INVOICE BID AMOUNT					6,097.24
KANSAS STATE SALES TAX					210.22
SEWARD COUNTY SALES TAX					52.56
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$6,360.02

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MAR 04 1991

FROM CONFIDENTIAL

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ALL *ALL*

AFFIX JOB TKT

TERMS

INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED. CUSTOMER AGREES TO PAY INTEREST THEREON, AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM. IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT, CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND ATTORNEY FEES IN THE AMOUNT OF 20% OF THE AMOUNT OF THE UNPAID ACCOUNT.

FORM 1900-R3

PAGE: 1

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FEB 28 1991

CONSERVATION DIVISION
Wichita, Kansas



INVOICE

A Halliburton Company

ORIGINAL

INVOICE NO.	DATE
0 844	05

WELL LEASE NO./PLANT NAME KANSAS UNIVERSITY		WELL/PLANT LOCATION MORTON		STATE KS	WELL/PLANT OWNER KMP
SERVICE LOCATION LIBERAL	CONTRACTOR EXETER BRIDGE	JOB PURPOSE CEMENT PRODUCTION CASING		TICKET DATE 10/24/87	
ACCT. NO. 559167	CUSTOMER AGENT CARROLL M WYLIE	VENDOR NO. E-26	CUSTOMER P.O. NUMBER	SHIPPED VIA COMPANY TRUCK	FILE NO. 76143

OXY USA INC.
P. O. BOX 26100
OKLAHOMA CITY, OK 73126-0100

DIRECT CORRESPONDENCE TO:
SUITE 600
COLORADO DERBY BUILDING
WICHITA, KS 67202-0000

9-1571774 X 2300.1/724

5/25/87

PRICE REF. NO.	DESCRIPTION	QUANTITY	UOM	UNIT PRICE	AMOUNT
504-050	PREMIUM PLUS CEMENT	195	SK	7.08	1,380.60
506-105	POZMIX A	195	SK	3.91	762.45
506-121	HALLIBURTON-GEL 2%	7	SK	.00	N/C
509-406	ANHYDROUS CALCIUM CHLORIDE	10	SK	25.75	257.50
507-210	FLOCELE	307	LB	1.21	371.47
509-968	SALT	1471	LB	.06	88.26
507-661	HALAD-4	131	LB	6.35	831.85
508-127	CAL SEAL	20	SK	14.60	292.00
507-665	HALAD-9	108	LB	6.15	664.20
500-207	BULK SERVICE CHARGE	1297	CFT	.95	1,232.15
500-306	MILEAGE CNTG MAT DEL OR RETURN	1426.425	TMI	.70	998.50
INVOICE SUBTOTAL					18,819.63
DISCOUNT - (BID) 152					2,822.89-
INVOICE BID AMOUNT					15,996.74
*-KANSAS STATE SALES TAX					544.38
*-SEWARD COUNTY SALES TAX					136.13
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$16,677.25

RELEASED

MAR 04 1991

FROM CONFIDENTIAL

SE

REC

REC

AFFIX JOB TKT TERMS INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE. UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED, CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM. IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT, CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND ATTORNEY FEES IN THE AMOUNT OF 20% OF THE AMOUNT OF THE UNPAID ACCOUNT.

FORM 1900-R3 PAGE: 2

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CONSERVATION DIVISION
Wichita, Kansas



HALLIBURTON SERVICES

ORIGINAL

MEMIT 10:
P.O. BOX 851046
DALLAS, TX 75265

A Halliburton Company

INVOICE NO.		DATE	
252.11		05/06/88	
WELL LEASE NO./PLANT NAME	WELL/PLANT LOCATION	STATE	WELL/PLANT OWNER
USA UNIVER	HARPO	OK	USA
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE
LIBERAL	EXETER DRLO	CEMENT PRODUCTION CASING	05/06/88
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER
659167	CARROLL M WYLIE	E-26	RELEASED
		SHIPPED VIA	FILE NO.
		COMPANY TRUCK	7814

MAR 04 1991

OXY USA INC.
P. O. BOX 26100
OKLAHOMA CITY, OK 73126-0100

DIRECT CORRESPONDENCE TO:
SUITE 600
COLORADO DERBY BUILDING
WICHITA, KS 67202-0000

FROM CONFIDENTIAL

PRICE REF. NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE	25	MI	2.20	55.00
		1	UNT		
007-013	MULT STAGE CEMENTING-1ST STAGE	6248	FT	1,350.00	1,350.00
001-016		1	UNT		
007-161	MULT STAGE CEMENTING-ADD STAGE	1	STG	865.00	865.00
		1	UNT		
26	INSERT VALVE P. S. - 5 1/2" 8RD	1	EA	223.00	223.00
847.6318					
27	FILL-UP UNIT 5 1/2"-6 5/8"	1	EA	30.00	30.00
815.1931					
40	CENTRALIZER 5-1/2" MODEL S-4	12	EA	44.00	528.00
807.9302					
66	FASGRIP LIMIT CLAMP 5 1/2"	1	EA	11.30	11.30
807.6403					
71	MULT STAGE CEMENTER 5-1/2" 8RD	1	EA	2,450.00	2,450.00
813.1035					
75	PLUG SET 5 1/2"	1	EA	400.00	400.00
812.0162					
320	CEMENT BASKET 5 1/2"	1	EA	90.00	90.00
800.8883					
594	5 1/2" LATCH DOWN BAFFLE	1	EA	114.00	114.00
801.0374					
595	LATCH-DOWN SHUTOFF PLUG 5 1/2"	1	EA	345.00	345.00
812.0169					
350	HALLIBURTON WELD-A	2	LB	11.00	22.00
890.1080					
018-315	MUD FLUSH	1000	GAL	.45	450.00
504-118	HALLIBURTON LIGHT CEMENT -PREM	370	SK	6.19	2,290.30
504-043	PREMIUM CEMENT	128	SK	6.85	876.80
506-105	POZMIX A	128	SK	3.91	500.48
506-121	HALLIBURTON-GEL 2X	4	SK	.00	N/C
504-120	HALL. LIGHT -PREMIUM PLUS	213	SK	6.29	1,339.77

***** CONTINUED ON NEXT PAGE *****

<p>FORM 1800-R3</p> <p>FORM 1800-R3</p>	<p>TERMS</p> <p>INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE. UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED, CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM. IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT, CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND ATTORNEY FEES IN THE AMOUNT OF 20% OF THE AMOUNT OF THE UNPAID ACCOUNT.</p>	<p>PAGE: 1</p>
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Wichita, Kansas