

ORIGINAL

CONFIDENTIAL RELEASED

SIDE ONE

SEP 06 1991

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: Permian

Operator Contact Person: Raymond Hui

Phone (405) 749-2471

Contractor: Name: Allen Drilling Company

License: 5418

Wellsite Geologist: Bill Keller

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

6-2-90 6-9-90 7-28-90

Spud Date Date Reached TD Completion Date

API NO. 15- 051-24661-0000

County Ellis FROM CONFIDENTIAL

approx. N/2 SE/4 NE/4 Sec. 3 Twp. 11S Rge. 16 East West

3670 Ft. North from Southeast Corner of Section

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

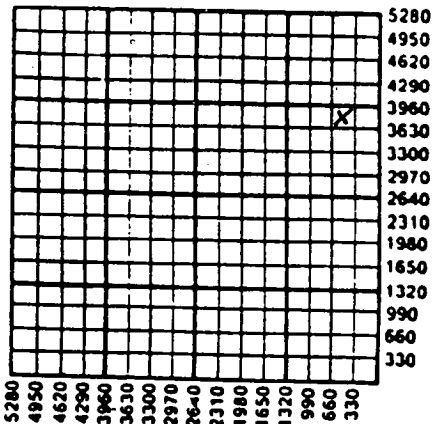
Lease Name Krueger Unit Well # 404

Field Name Krueger

Producing Formation Toronto & LKC

Elevation: Ground 2066' KB 2071'

Total Depth 3665' PBTD 3604'



Amount of Surface Pipe Set and Cemented at 329 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set DV Tool at 1232 Feet

If Alternate II completion, cement circulated from 1232

feet depth to 0 w/ 250 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 *John M. White*

Title Operations Drilling Manager Date 8-21-90

Subscribed and sworn to before me this 21st day of August 1990.

Notary Public Kay Ann Palmer

Date Commission Expires 4-16-94

K.C.C. OFFICE USE ONLY

RECEIVED

F Letter of Confidentiality Attached
C Wireline Log Received
D Drillers Time Log Received

8-24-90
AUG 24 1990

Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)

CONSERVATION DIVISION
Wichita, Kansas

PI

SIDE TWO

Operator Name OXY USA Inc.

Lease Name Krueger Unit

Well # 404

Sec. 3 Twp. 11S Rge. 16

East
 West

County Ellis

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.

FROM CONFIDENTIAL

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 Cement Bond Log/GR/CCL. Ran Dual Induction Focused log/GR; Ran Z-Densilog; Comp. Neutron/GR; Minilog; Diele.Log/GR

FORMATION DESCRIPTION		
Name	Top	Bottom
Topeka	2978'	
Shelden	3004'	
King Hill	3101'	
Queen Hill	3140'	
Hebner	3212'	
Toronto	3236'	
Lansing	3256'	
TD		3665'
PBTD		3604'

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#	329'	C1.A	200	3% CaCl.
Production	7 7/8"	5 1/2"	14#	3664'	*Pls refer to csg		info 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	Toronto 3234-3239'	Stage acid w/3800 gal	3234-3451
	LKC 3288-3292; 3422-3428'	15% NE & FE acid	
	3446-3451;		

TUBING RECORD

Size	Set At	Packer At	Liner Run
2 3/8"	3585'	-	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First Production	Producing Method
7-17-90	<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
	27	-	123		

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 3234-3451'

*Production Casing Information: Cemented bottom stage w/100 sx. Cemented 2nd stage DV tool w/250 sx. DV tool at 1232' Squeezed at 3150' w/225 sx.

HALLIBURTON SERVICES

A Halliburton Company

INVOICE

REPORT NO.	DATE
908464	06/02/1991

WELL LEASE NO./PLANT NAME	WELL/PLANT LOCATION	STATE	WELL/PLANT OWNER
KRUEGER 404	ELLIS	KS	OXY USA INC
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE
HAYS	ALLEN DRGL	CEMENT SURFACE CASING	06/02/1990
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER
659167	DONALD E. SHELDEN	E-26	
			SHIPPED VIA
			COMPANY TRUCK
			FILE NO.
			96265

RELEASED
SEP 0 6 1991

OXY USA INC.
REGIONAL OFFICE
ATT: G. I. MCFARLAND
PO 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	PRICE	AMOUNT
000-117	MILEAGE	22	MI	2.35	51.70
001-016	CEMENTING CASING	332	FT	480.00	480.00
030-503	CMTG PLUG LA-11, CP-1, CP-3, TOP	1	UNT		
40	CENTRALIZER 6-5/8" MODEL S-4	3	EA	53.00	159.00
807.93059					
504-308	STANDARD CEMENT	200	SK	5.45	1,090.00
509-406	ANHYDROUS CALCIUM CHLORIDE	6	SK	26.25	157.50
507-210	FLOCLE	50	LB	1.30	65.00
500-207	BULK SERVICE CHARGE	215	CBY	1.10	236.50
500-306	MILEAGE CMTG MAT DEL OR RETURN	212.630	THI	.95	199.47
	INVOICE SUBTOTAL				2,458.17
	DISCOUNT-(BID) 2%				663.68
	INVOICE BID AMOUNT				1,794.49
	*-KANSAS STATE SALES TAX				57.95
	*-HAYS CITY SALES TAX				6.81
	INVOICE TOTAL - PLEASE PAY THIS AMOUNT				\$1,859.25

RECEIVED 32
STATE CORPORATION COMMISSION

AUG 27 1990

006
BB

AFFIX JOB TRK

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.

HALLIBURTON SERVICES

INVOICE

A Halliburton Company

910669 06/08/1990

WELL HEADS/PER		KRUEGER 404		ELLIS		KS SAME	
SERVICE LOCATION		CONTRACTOR		HAYS		DATE	
HAYS		ALLEN DRLO		OIL & GAS PRODUCTION CASING		06/08/1990	
ACCT. NO.	CUSTOMER AGENT	VENO	SHIPPER	FILE NO.			
659167	DONALD E. SHELDEN	E-26	COMPANY TRUCK	96395			

OXY USA INC.
REGIONAL OFFICE
ATT: G. I. MCFARLAND
PO BOX 26100
OKLAHOMA CITY, OK 73126-0100

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

9-1572053 X 2360/1724

PRICE REF. NO.	DESCRIPTION	QUANTITY	UNIT	AMOUNT
500-207	BULK SERVICE CHARGE	526	CFT	578.60
500-306	MILEAGE CNTG MAT DEL OR RETURN	491.051	TNE	368.29
INVOICE SUBTOTAL				11,559.40
DISCOUNT (BYD)				1,321.07
INVOICE BID AMOUNT				9,247.53
*- KANSAS STATE SALES TAX				267.16
*- HAYS CITY SALES TAX				33.79
INVOICE TOTAL - PLEASE PAY THIS AMOUNT				\$9,568.48

Gett

32

006

RECEIVED
STATE CORPORATION COMMISSION

27 1990

CONSERVATION DIVISION
Wichita, Kansas

APPFIX JOB TRT

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.

HALLIBURTON SERVICES

A Halliburton Company

REMIT TO:
P.O. BOX 951046
DALLAS, TX 75398-1046

910669 06/08/1990

INVOICE

SRUEGER 404	ELLIS	KS	SANE
SERVICE LOCATION	CONTRACTOR	JOB NUMBER	DATE
HAYS	ALLEN DRLO	DRILL PRODUCTION CASING	06/08/1990
ACCT. NO.	CITY	VENDOR	SHIPPED VIA
659167	DONALD E. SHELDEN	E-26	COMPANY TRUCK

OXY USA INC.
REGIONAL OFFICE
ATT: G. I. MCFARLAND
PO BOX 26100
OKLAHOMA CITY, OK 73126-0100

FROM CONFIDENTIAL
CONFIDENTIAL

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

PRICE REF. NO.	DESCRIPTION	UNIT	UNIT PRICE	AMOUNT
000-117	MILEAGE	22 MI	2.35	51.70
007-013	MULT STAGE CEMENTING-1ST STAGE	1 UNT		
001-016		3645 FT	1,145.00	1,145.00
007-161	MULT STAGE CEMENTING-ADD STAGE	1 UNT		
		1 STG	950.00	950.00
71	MULT STAGE CEMENTER 5-1/2" 8RD	1 EA	2,450.00	2,450.00
813.10354				
71	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				
40	CENTRALIZER 5-1/2" MODEL 3-4	10 EA	44.00	440.00
807.93022				
12A	GUIDE SHOE - 5 1/2" 8RD THD.	1 EA	104.00	104.00
825.205				
24A	INSERT FLOAT VALVE - 5 1/2" 8RD	1 EA	83.00	83.00
815.19251				
27	FILL-UP UNIT 5 1/2"-6 5/8"	1 EA	30.00	30.00
815.19311				
350	HALLIBURTON WELD-A	2 LB	11.00	22.00
890.10802				
018-317	SUPER FLUSH	12 SK	74.00	888.00
504-308	STANDARD CEMENT	50 SK	5.45	272.50
506-105	POZMIX A	50 SK	2.88	144.00
506-121	HALLIBURTON-GEL 2X	2 SK	.00	N/C
509-968	SALT	477 LB	.09	43.11
509-968	SALT	400 LB	.09	36.00
507-775	HALAD-322	243 LB	5.78	1,397.25
507-210	FLOCELE	119 LB	1.30	154.70
504-308	STANDARD CEMENT	125 SK	5.45	681.25
504-118	HALLIBURTON LIGHT CEMENT - PRED	250 SK	4.92	1,230.00

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

APPFX JOB TR

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