

ORIGINAL SIDE ONE

20903-400-01

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

API NO. 15- 175-97589

County Seward

CNW NW/4 Sec. 18 Twp. 34S Rge. 33 East
West

4620 Ft. North from Southeast Corner of Section

4620 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

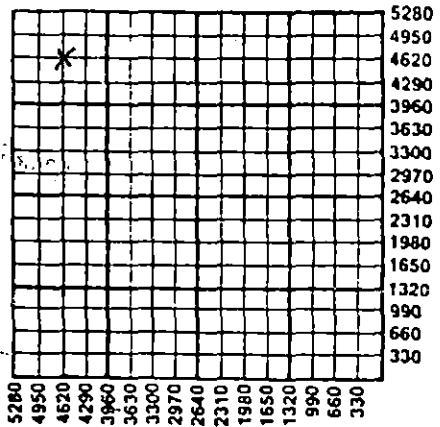
Lease Name Shives A Well # 3

Field Name Kansas Hugoton Gas

Producing Formation Chase

Elevation: Ground 2898 KB -

Total Depth 6650' PBDT 2860'



Amount of Surface Pipe Set and Cemented at 1798' Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ 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

Oklahoma City, OK 73126-0100

City/State/Zip _____

Purchaser: NN Pipeline Company

Operator Contact Person: Raymond Hui

Phone (405) 749-2471

Contractor: Name: Zenith Drilling Company

License: 5141

Wellsite Geologist: Craig Corbett

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

11-9-90 11-16-90 12-20-90

Spud Date Date Reached TD Completion Date

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
Wichita, Kansas
JAN 16 1991
1-14-91

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 1-2-91

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

Notary Public Kay Ann Kilmer

Date Commission Expires 4-16-94

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 Shives A Well # 3

Sec. 18 Twp. 34S Rge. 33 East West
 County Seward

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.)

Spotted 75 sx Cl. H w/2% CaCl cmt plug from 3013-2800'. TOC at 2700'.

Formation Description		
Name	Top	Bottom
Hollenberg	2637	2646
Herington	2650	2690
Krider	2690	2746
Winfield	2746	2790

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
Surface	12 1/4"	8 5/8"	24#	1798'	Cl.A	750 sx	6% gel
Production	7 7/8"	5 1/2"	14#	2970'	Cl.A	450	2% gel

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	
Shots Per Foot	Specify Footage of Each Interval Perforated	Depth	
4	2760-2764'	2637-2764'	Acidized w/Chase w/10000 gal 7 1/2% HCL acid
4	2637-2641'		
	2661-2665'		
	2692-2696'		

TUBING RECORD			
Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2 3/8"	2805'		

Date of First Production	Producing Method
Waiting for Pipeline Connection	<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
	-	260 MCFPD	-		

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: 2637-2764'

ORIGINAL

INVOICE

HALLIBURTON SERVICES

A Halliburton Company

REMIT TO: P.O. BOX 951046 DALLAS, TX 75395-1046

INVOICE NO.	DATE
043156	11/16/19

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
SHIVES A-3		SEWARD		KS	SAME
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET DATE
LIBERAL		BRUCE WELL SER.	CEMENT PRODUCTION CASING		11/16/19
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FIL
659167	TIMOTHY J. VOSS	E-26		COMPANY TRUCK	05

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

DIRECT CORRESPONDENCE TO:
 SUITE 1300
 LIBERTY TOWER
 100 BROADWAY AVENUE
 OKLAHOMA CITY, OK 73102-0000

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT																																				
	*-SEWARD COUNTY SALES TAX				51.7																																				
<p>9-1572247 X 2360.1724</p> <p>12/27 Feb</p> <p>OKLAHOMA CITY E&P</p>																																									
<table border="1" style="width: 100%;"> <tr> <td colspan="2">DISB. APPR.</td> <td colspan="2">DATE REC'D</td> <td colspan="2"></td> </tr> <tr> <td colspan="2"></td> <td colspan="2">DEC 17 1990</td> <td colspan="2"></td> </tr> <tr> <td>LOC-CODE</td> <td>DUE DATE</td> <td colspan="2">SPL: RFI: BB:</td> <td colspan="2"></td> </tr> <tr> <td>327-77</td> <td>1252</td> <td colspan="2">006</td> <td colspan="2"></td> </tr> <tr> <td>S/U TAX</td> <td>MC</td> <td>PC</td> <td>STP</td> <td>ACC/G: APPR.</td> <td>CASH DISB:</td> </tr> <tr> <td></td> <td></td> <td>S</td> <td></td> <td>Feb</td> <td></td> </tr> </table>						DISB. APPR.		DATE REC'D						DEC 17 1990				LOC-CODE	DUE DATE	SPL: RFI: BB:				327-77	1252	006				S/U TAX	MC	PC	STP	ACC/G: APPR.	CASH DISB:			S		Feb	
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		S		Feb																																					
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$5,692.15																																				

STATE COMMISSION
 JAN 14 1991
 CONSERVATION DIVISION
 Wichita, Kansas

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

ORIGINAL

HALLIBURTON SERVICES

REMIT TO: P.O. BOX 951046 DALLAS, TX 75395-1046

INVOICE

A Halliburton Company

Table with columns: INVOICE NO. (043156), DATE (11/16/1991)

Main header table with columns: WELL LEASE NO./PLANT NAME, WELL/PLANT LOCATION, STATE, WELL/PLANT OWNER, SERVICE LOCATION, CONTRACTOR, JOB PURPOSE, TICKET DATE, ACCT. NO., CUSTOMER AGENT, VENDOR NO., CUSTOMER P.O. NUMBER, SHIPPED VIA, FILE

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

DIRECT CORRESPONDENCE TO: SUITE 1300 LIBERTY TOWER 100 BROADWAY AVENUE OKLAHOMA CITY, OK 73102-0000

Main pricing table with columns: PRICE REF. NO., DESCRIPTION, QUANTITY, U/M, UNIT PRICE, AMOUNT

INVOICE SUBTOTAL DISCOUNT (BID) INVOICE BID AMOUNT

*-KANSAS STATE SALES TAX

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

RECEIVED STATE OF KANSAS CONSERVATION DIVISION Wichita, Kansas JAN 14 1991

6,376.99 956.51 5,420.48 219.93

TERMS INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE UPON CUSTOMER'S DEFAULT... AFFIX JOB TKT FORM 1900-R4

ORIGINAL



HALLIBURTON SERVICES

ORIGINAL

REMIT TO:
P.O. BOX 951046
DALLAS, TX 75395-1046

INVOICE

A Halliburton Company

INVOICE NO.	DATE
043155	11/15/1990

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
SHIVES A-3		SEWARD		KS	SAME	
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE		TICKET DATE
LIBERAL		BRUCE WELL SER.		PLUG BACK		11/15/1990
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER		SHIPPED VIA	FILE NO.
659167	JAMES R. PILAND	E-26			COMPANY TRUCK	05824

9-1572247 x 2360.1/724

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

DIRECT CORRESPONDENCE TO:
SUITE 1300
LIBERTY TOWER
100 BROADWAY AVENUE
OKLAHOMA CITY, OK 73102-0000

12/18 ksb

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
000-117	MILEAGE	6	MI	2.35	14.10
000-118	MILEAGE SURCHARGE-CEMENT-LAND	1	UNT		
		6	MI	.40	2.40
		1	UNT		
009-019	PLUGGING BK SPOT CEMENT OR MUD	3000	FT	1,040.00	1,040.00
		1	UNT		
504-043	PREMIUM CEMENT	75	SK	6.85	513.75
509-406	ANHYDROUS CALCIUM CHLORIDE	2	SK	25.75	51.50
500-307	MILEAGE SURCHARGE-CEMENT MAT.	115.36	TMI	.10	11.54
500-207	BULK SERVICE CHARGE	79	CFT	1.10	86.90
500-306	MILEAGE CMTG MAT DEL OR RETURN	115.36	TMI	.75	86.52
INVOICE SUBTOTAL					1,806.71
DISCOUNT-(BID) ksb					270.98-
INVOICE BID AMOUNT					1,535.73
*-KANSAS STATE SALES TAX					64.86
*-SEWARD COUNTY SALES TAX					15.27
OKLAHOMA CITY E&P					
INVOICE TOTAL - PLEASE PAY THIS AMOUNT =====>					\$1,615.86

DATE REC'D		1990	
SPL RPT. CD.		006	
327-77	2.52		
S/U TAX	MC	PC	BID
AGG'D. APPR.		CASH DISB.	
ksb			

RECEIVED
STATE COMMISSION
JAN 14 1991
CONSERVATION DIVISION
Wichita, Kansas

AFFIX JOB TKT

FORM 1900-R4

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