

SIDE ONE

ORIGINAL

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

API NO. 15- 081-20680-0000

County Haskell
approx. _____ East
SW/4 NE/4 SW/4 Sec. 19 Twp. 27S Rge. 33 West

Operator: License # 5447

1330 Ft. North from Southeast Corner of Section

Name: OXY USA, Inc.

3340 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

Address P.O. Box 26100

Lease Name Frey C Well # 3

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

Field Name Kansas Hugoton Gas

Purchaser: _____

Producing Formation Chase

Operator Contact Person: Raymond Hui

Elevation: Ground 3000 KB 3012'

Phone (405) 749-2471

Total Depth 3025' PBDT 2959'

Contractor: Name: Gabbert-Jones

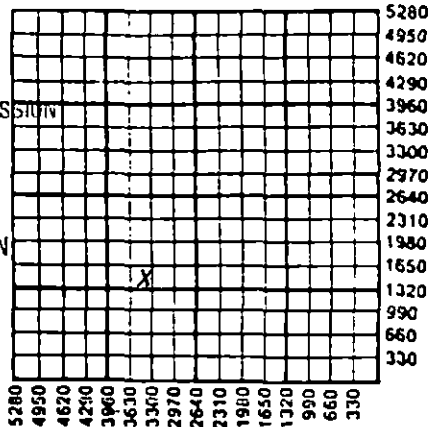
License: 5842 STATE _____

Wellsite Geologist: Craig Corbett

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD Temp. Abd.
 Gas SE Inj Delayed Comp.
 Dry Other (Core, Water Supply, etc.)

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Wichita, Kansas



If OLD: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:

Mud Rotary Air Rotary Cable

Amount of Surface Pipe Set and Cemented at 908' Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

3-8-91 3-11-91 5-7-91

Spud Date Date Reached TD Completion Date

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 Vic Tumlinson

Title Operations Drilling Manager Date 5-7-91

Subscribed and sworn to before me this 7th day of May, 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)

pl

SIDE TWO

Operator Name OXY USA, Inc. Lease Name Frey C Well # 3
 Sec. 19 Twp. 27S Rge. 33 East County Haskell
 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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Attach Additional Sheets.) Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Submit Copy.) Ran CSNG log	<p style="text-align: center;">Formation Description</p> <p><input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:60%;">Name</th> <th style="width:20%;">Top</th> <th style="width:20%;">Bottom</th> </tr> </thead> <tbody> <tr><td>Hollenberg</td><td>2630</td><td>2634</td></tr> <tr><td>Herington</td><td>2654</td><td>2650</td></tr> <tr><td>Krider</td><td>2674</td><td>2676</td></tr> <tr><td>Winfield</td><td>2716</td><td>2720</td></tr> <tr><td>Towanda</td><td>2768</td><td>2772</td></tr> <tr><td>TD</td><td></td><td>3025</td></tr> <tr><td>PBTD</td><td></td><td>2959</td></tr> </tbody> </table>	Name	Top	Bottom	Hollenberg	2630	2634	Herington	2654	2650	Krider	2674	2676	Winfield	2716	2720	Towanda	2768	2772	TD		3025	PBTD		2959
Name	Top	Bottom																							
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Towanda	2768	2772																							
TD		3025																							
PBTD		2959																							

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#	908	C1.C	425	6% gel
Production	7 7/8"	5 1/2"	14#	3019'	C1.C	550	6% gel
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)			Depth
2	2630-2634 (4'; 8 shots)			Acidized Chase w/5000 gal of 15% HCL acid.			2630-2772
	2654-2656 (2'; 4 shots)						
	2674-2676 (2'; 4 shots)						
	2716-2720 (4'; 8 shots)						
	2768-2772 (4'; 8 shots)			Frac'd Chase w/64700 gal of 30% gel			2630-2772
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
	Size 2 3/8"	Set At 2789'	Packer At				
Date of First Production		Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)					
Waiting on PL connection							
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity		
	-	289					

Disposition of Gas: <input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, submit ACO-18.)	METHOD OF COMPLETION <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perforation <input type="checkbox"/> Dually Completed <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	Production Interval <u>2630-2772</u>
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ORIGINAL



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

INVOICE

A Halliburton Company

INVOICE NO.	DATE
093149	03/08/1991

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
FRY C-3		HASKELL		KS	SAME
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE	
LIBERAL		G & J #11		CEMENT SURFACE CASING	
TICKET DATE					
03/08/1991					
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
659167	JIMMY R. WELCH	E-26		COMPANY TRUCK	12123

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

DIRECT CORRESPONDENCE TO:
 FIRST OKLAHOMA TOWER
 210 WEST PARK AVENUE
 SUITE 2050
 OKLAHOMA CITY, OK 73102-5601

9-1572364x2360.1/724 W054-9

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
000-117	MILEAGE	49	MI	2.35	115.15
		1	UNT		
000-118	MILEAGE SURCHARGE-CEMENT-LAND	49	MI	.40	19.60
		1	UNT		
001-016	CEMENTING CASING	914	FT	630.00	630.00
		1	UNT		
030-018	CEMENTING PLUG 5W, PLASTIC TOP	8	5/8 IN	130.00	130.00
		1	EA		
504-050	PREMIUM PLUS CEMENT	125	SK	7.08	885.00
504-120	HALL. LIGHT -PREMIUM PLUS	300	SK	6.29	1,887.00
507-210	FLOCELE	106	LB	1.30	137.80
509-406	ANHYDROUS CALCIUM CHLORIDE	8	SK	26.25	210.00
500-307	MILEAGE SURCHARGE-CEMENT MAT.	602.43	TMI	.10	60.24
500-207	BULK SERVICE CHARGE	448	CFT	1.10	492.80
500-306	MILEAGE CMTG MAT DEL OR RETURN	602.43	TMI	.75	451.82
INVOICE SUBTOTAL					5,019.41
DISCOUNT-(BID)					1,505.81-
INVOICE BID AMOUNT					3,513.60
*- KANSAS STATE SALES TAX					124.79
*- SEWARD COUNTY SALES TAX					29.36
DISB. APPR.					DATE REC'D
					1991
CO-DIV-SUP	LOC-CODE	DUE DATE	SPL. RT. CD.		
327-77	13 52		006		
S/U TAX	MC	PC	BID	ACCTG. APPR.	CASH DISB.
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$3,667.75

RECEIVED
 STATE CORPORATION COMMISSION

MAY 13 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



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

ORIGINAL HALLIBURTON SERVICES

INVOICE

A Halliburton Company

INVOICE NO.	DATE
093517	03/11/1991

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
FRY C-3		HASKELL		KS	SAME	
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE		TICKET DATE
LIBERAL		GABBERT & JONES #11		CEMENT PRODUCTION CASING		03/11/1991
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.	
659167	JIMMY R. WELCH	E-26		COMPANY TRUCK	12334	

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

DIRECT CORRESPONDENCE TO:
FIRST OKLAHOMA TOWER
210 WEST PARK AVENUE
SUITE 2050
OKLAHOMA CITY, OK 73102-5601

9-1572364 x 2360.1 / 724 W54-9

PRICE REF NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE	30	MI	2.35	70.50
		1	UNT		
000-118	MILEAGE SURCHARGE-CEMENT-LAND	30	MI	.40	12.00
		1	UNT		
001-016	CEMENTING CASING	3023	FT	1,095.00	1,095.00
		1	UNT		
030-016	CEMENTING PLUG 5W ALUM TOP	5	1/2 IN	50.00	50.00
		1	EA		
018-315	MUD FLUSH	500	GAL	.45	225.00
218-738	CLAYFIX II	4	GAL	20.00	80.00
504-050	PREMIUM PLUS CEMENT	125	SK	7.08	885.00
506-105	POZMIX A	125	SK	3.91	488.75
506-121	HALLIBURTON-GEL 2%	4	SK	.00	N/C
504-120	HALL. LIGHT -PREMIUM PLUS	300	SK	6.29	1,887.00
507-153	CFR-3	63	LB	4.00	252.00
507-210	FLOCELE	138	LB	1.30	179.40
507-661	HALAD-4	63	LB	7.50	472.50
509-406	ANHYDROUS CALCIUM CHLORIDE	4	SK	26.25	105.00
500-307	MILEAGE SURCHARGE-CEMENT MAT.	745.05	TMI	.10	74.51
500-207	BULK SERVICE CHARGE	567	CFT	1.10	623.70
500-306	MILEAGE CMTG MAT DEL OR RETURN	745.05	TMI	.75	558.79

INVOICE SUBTOTAL

7,059.15

RECEIVED
STATE CORPORATION COMMISSION

DISCOUNT - (BID)

2,329.49-

INVOICE BID AMOUNT

4,729.66

MAY 13 1991

CONSERVATION DIVISION
Wichita, Kansas

*-KANSAS STATE SALES TAX
*-SEWARD COUNTY SALES TAX

156.67

36.86

INVOICE TOTAL - PLEASE PAY THIS AMOUNT

\$4,923.19

DISB. APPR.	DATE REC'D
CC-DIV-SUP	LOC-CODE
327-77	13524
DU TAX	MC
PG	BIQ
ACCTG. APPR.	CASH DISB.
WAS	WAS

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-R4