

ORIGINAL

CONFIDENTIAL

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: CIG

Operator Contact Person: Raymond Hui

Phone (405) 749-2471

Contractor: Name: Exeter Drilling Company

License: 3098

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 OAWD: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:

Mud Rotary Air Rotary Cable

7-6-90 7-9-90 7-25-90

Spud Date Date Reached TD Completion Date

API NO. 15- 081-20629-0000

County Haskell

approx. NW SE SE/4 Sec. 5 Twp. 29S Rge. 34 East West

1250 Ft. North from Southeast Corner of Section

1250 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

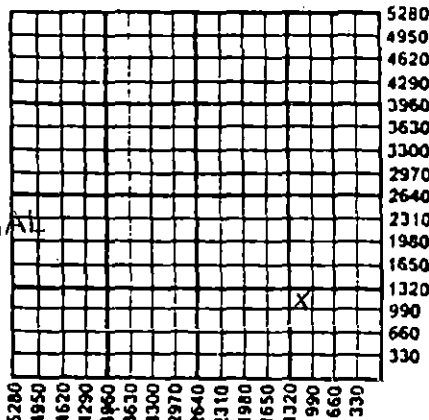
Lease Name Hall K Well # 10

Field Name Kansas Hugoton Gas

Producing Formation Chase

Elevation: Ground 3005' KB 3015'

Total Depth 3068' PBTD. 3032'



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Amount of Surface Pipe Set and Cemented at 817' 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.

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 9-17-90

Subscribed and sworn to before me this 17th day of September, 19 90.

Notary Public Deborah Kay Mathis

Date Commission Expires 3/24/94

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)
RECEIVED
SEP 19 1990

9-19-90

SIDE TMD

Operator Name OXY USA Inc. Lease Name Hall K Well # 10

Sec. 5 Twp. 29S Rge. 34 East West
 County Haskell

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 CNL and Natural GR Spect. logs from
 3023' to 1900'.

Formation Description		
Name	Top	Bottom
Hollenberg	2582'	
Herington	2608'	
Winfield	2668'	
Towanda	2716'	
Fort Filey	2768'	
Matfield	2804'	
Wreford	2860'	
Council Grove	2882'	
TD		3068'
PBTD		3023'

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 #	817'	Cl.C	275	6% gel
Production	7 7/8"	5 1/2"	14#	3067'	Cl.C	640	2% gel

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	
		Depth	
2	2740-2755' (15'; 30 shots)	Acidized w/5000 gal of 15% HCL acid	2532-2755
	2686-2726' (40'; 80 shots)		
	2621-2649' (28'; 56 shots)		
	2580-2596' (16'; 32 shots)		
	2558-2580' (22'; 44 shots)	Frac'd w/96900 gal of 30# HPG gel	2532-2755
	2532-2539' (7'; 14 shots)		

TUBING RECORD Size 2 3/8" Set At 2532 Packer At _____ Liner Run Yes No

Date of First Production _____ Producing Method Flowing Pumping Gas Lift Other (Explain) _____

WE Pipeline Connection

Estimated Production Per 24 Hours	Oil _____ Bbls.	Gas _____ Mcf	Water _____ Bbls.	Gas-Oil Ratio _____	Gravity _____
		258 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 2532-2755



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

INVOICE

ORIGINAL

HALLIBURTON SERVICES

CONFIDENTIAL

A Halliburton Company

INVOICE NO.	DATE
947124	07/06/1990

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
HALL-K 10		HASKELL		KS	SAME	
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE		TICKET DATE
LIBERAL		GABBERT & JONES #9		CEMENT SURFACE CASING		07/06/1990
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.	
659167	DAVID SIMMONS	E-26		COMPANY TRUCK	97906	

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

9-1572 173 X 2560.1724

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE	48	MI	2.35	112.80
001-016	CEMENTING CASING	820	FT	630.00	630.00
030-018	CEMENTING PLUG 5W, PLASTIC TOP	1	UNT		
504-120	HALL. LIGHT - PREMIUM PLUS	8 5/8	IN	100.00	100.00
504-050	PREMIUM PLUS CEMENT	1	EA		
507-210	FLOCELE	275	SK	6.29	1,729.75
509-406	ANHYDROUS CALCIUM CHLORIDE	125	SK	7.08	885.00
500-207	BULK SERVICE CHARGE	100	LB	1.30	130.00
500-306	MILEAGE CMTG MAT DEL OR RETURN	7	SK	26.25	183.75
		421	CFT	1.10	463.10
		339.930	TMI	.75	254.95
INVOICE SUBTOTAL					4,489.35
DISCOUNT - (BID) 50%					1,346.79-
INVOICE BID AMOUNT					3,142.56
*- KANSAS STATE SALES TAX					111.47
*- SEWARD COUNTY SALES TAX					26.23
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$3,280.26

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CONFIDENTIAL
Wichita, Kansas

INVOICE



INVOICE NO.	DATE
990451	07/09/1990

WELL/LEASE NO./PLANT NAME HALL K-10		WELL/PLANT LOCATION HASKELL		STATE KS	WELL/PLANT OWNER SAME
SERVICE LOCATION LIBERAL		CONTRACTOR GABBERT & JONES	JOB PURPOSE CEMENT PRODUCTION CASING		TICKET DATE 07/09/1990
ACCT. NO. 659167	CUSTOMER AGENT DAVID SIMMONS	VENDOR NO. E-26	CUSTOMER P.O. NUMBER	SHIPPED VIA COMPANY TRUCK	FILE NO. 98128

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

ORIGINAL

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

9-1572793 x 2360.11724

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE	48	MI	2.35	112.80
		1	UNT		
001-016	CEMENTING CASING	3068	FT	1,095.00	1,095.00
		1	UNT		
030-018	CEMENTING PLUG SW, PLASTIC TOP	5.5	IN	53.00	53.00
		.1	EA		
018-315	MUD FLUSH	500	GAL	.45	225.00
504-120	HALL. LIGHT - PREMIUM PLUS	325	SK	6.29	2,044.25
504-050	PREMIUM PLUS CEMENT	158	SK	7.08	1,118.64
506-105	POZMIX A	157	SK	3.91	613.87
506-121	HALLIBURTON-GEL 2%	5	SK	.00	N/C
507-210	FLOCELE	160	LB	1.30	208.00
509-406	ANHYDROUS CALCIUM CHLORIDE	5	SK	26.25	131.25
507-145	CFR-2	80	LB	3.75	300.00
507-661	HALAD-4	80	LB	7.00	560.00
500-207	BULK SERVICE CHARGE	660	CFT	1.10	726.00
500-306	MILEAGE CMTG MAT DEL OR RETURN	519.138	TMI	.75	389.35
INVOICE SUBTOTAL					7,577.16
DISCOUNT-(BID)					2,651.98
INVOICE BID AMOUNT					4,925.18
*-KANSAS STATE SALES TAX					169.75
*-SEWARD COUNTY SALES TAX					39.93
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$5,134.86

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SEP 9 1990

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.