

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

API NO. 15- 067-21188 0000
County Grant
Approx NE/4 SW/4 SW/4 Sec. 19 Twp. 28S Rge. 36 X E/W

1250 Feet from W (circle one) Line of Section
4030 Feet from E/W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)

Lease Name Spikes A Well # 5

Field Name Kansas Hugoton Gas

Producing Formation Chase

Elevation: Ground 3046 KB 3055

Total Depth 3017' PSTD 2969'

Amount of Surface Pipe Set and Cemented at 820 Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sz cmt.

Drilling Fluid Management Plan ALT 1 11-24-92 EW
(Data must be collected from the Reserve Pit)

Chloride content 1100 ppm Fluid volume 125 bbls

Dewatering method used By evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

Quarter Sec. Twp. Rng. E/W

County _____ Docket No. _____

Operator: License # 5447

Name: OXY USA INC.

Address P.O. BOX 26100

City/State/Zip OKLAHOMA CITY, OK 73126-0100

Purchaser: PEPL

Operator Contact Person: RAYMOND HUI

Phone (405) 749-2471

Contractor: Name: Norseman Drilling Company

License: _____

Wellsite Geologist: Craig Corbett

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSV, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PSTD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

9-5-92 9-10-92 9-25-92
Spud Date Date Reached TD Completion Date

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 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 geologist well report 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.

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 [Signature] VIC TUMLINSON

Title DRILLING OPERATIONS MANAGER Date 10-19-92

Subscribed and sworn to before me this 19th day of October, 19 92.

Notary Public [Signature]

Date Commission Expires 8-21-96

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
RECEIVED
CORPORATION COMMISSION
OCT 20 1992
10-30-92
KCC SWD/Rep NGPA
KCS Plug TRANSFER/ATION Other
Wichita, Kansas (Specify)

Operator Name OXY USA Inc. Lease Name Spikes A Well # 5
 Sec. 19 Twp. 28S Rge. 36 East County Grant 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 Yes No
 (Attach Additional Sheets.)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy.)
 List All E.Logs Run: Ran GR & CNL logs

Name	Top	Datum
Hollenberg	2414	2421
Herington/Krider	2434	2476
Winfield	2498	2518
Towanda	2558	2590
Riley	2610	2634
Matfield	2662	2672
Wreford	2696	2704

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#	820'	C1. C	450	6% gel
Production	7 7/8"	5 1/2"	14#	3016'	C1. C	550	2% gel

Purpose:	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			
<input type="checkbox"/> Perforate					
<input type="checkbox"/> Protect Casing					
<input type="checkbox"/> Plug Back TD					
<input type="checkbox"/> Plug Off Zone					

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated		Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth	
	4	2414-2421 ; 2434-2476;	2498-2518 ; 2558-2590;	Acidized Chase w/5000 gal
	2610-2634 ; 2662-2672;	2696-2704	7.5% FE acid	
			Frac'd w/93478 gal.	
			gel water & 321000# Brady sand	2416-2702

TUBING RECORD Size 2 3/8" Set At 2414' Packer At 2414' Liner Run Yes No

Date of First, Resumed Production, SVD or Inj. Waiting for Pipeline Connection Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
		206			

Disposition of Gas: Vented Sold Used on Lease (if vented, submit ACO-18.)

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval 2414-2704

ORIGINAL

INVOICE



HALLIBURTON SERVICES

A Halliburton Company

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

INVOICE NO.	DATE
250764	09/09/1992

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
SPIKES "A" 5		GRANT		KS	SAFE
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET DATE
LIBERAL		NORSEMAN #2	CEMENT PRODUCTION CASING		09/09/1992
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
659167	VERNON C. BECKER	E-26		COMPANY TRUCK	39524

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

9-1522706 x 2360.1 / 224

PRICE REF. NO.	DESCRIPTION	QUANTITY	UNITS	UNIT PRICE	AMOUNT
PRICING AREA - EASTERN AREA1					
000-117	MILEAGE	15	MI	2.60	39.00
		1	UNT		
001-016	CEMENTING CASING	3016	FT	1.185.00	1,185.00
		1	UNT		
030-016	CEMENTING PLUG SW ALUM TOP	5 1/2	JN	50.00	50.00 *
		1	EA		
018-315	MUD FLUSH	840	GAL	.60	504.00
218-733	CLAYFIX II	7	GAL	20.00	140.00
504-050	PREMIUM PLUS CEMENT	125	SK	8.19	1,023.75 *
506-105	FOZMIX A	9250	LB	.06	555.00 *
506-121	HALLIBURTON-GEL 2X	4	LB	.00	N/C *
504-120	HALL. LIGHT -PREMIUM PLUS	300	SK	7.40	2,220.00 *
507-153	CFR-3	63	LB	4.10	258.30 *
507-210	FLOCELE	138	LB	1.30	179.40 *
507-651	H4LAD-4	63	LB	9.15	576.45 *
509-406	ANHYDROUS CALCIUM CHLORIDE	5	SK	26.50	132.50
500-207	BULK SERVICE CHARGE	559	CFT	1.15	654.35
500-306	MILEAGE CMTG MAT DEL OR RETURN	373.125	TMI	.80	298.50
INVOICE SUBTOTAL					7,816.25
DISCOUNT-(BID) 125					3,517.28-
INVOICE BID AMOUNT					4,298.97
*--KANSAS STATE SALES TAX					160.31
*--SEWARD COUNTY SALES TAX					32.72
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$4,492.00

RECEIVED
 STATE CORPORATION COMMISSION

OCT 30 1992

CONSERVATION DIVISION

APPENDIX 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.



INVOICE

HALLIBURTON SERVICES

A Halliburton Company

INVOICE NO.	DATE
250806	09/06/1992

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
SPIKES "A" 5		GRANT		K6	SAME
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET NO.
LIBERAL		NORSEMAN #2	CEMENT SURFACE CASING		09/06/1992
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	
659167	VERNON C. BECKER	E-26		COMPANY TRUCK 39448	

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

9-1572706 x 2360.1 / 724

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	
000-117	PRICING AREA - EASTERN AREA1 MILEAGE	15	MI	2.60	39.00
001-016	CEMENTING CASING	821	FT	680.00	680.00
030-016	CEMENTING PLUG SW, FLASTIC TOP	8 5/8	IN	130.00	130.00
504-050	PREMIUM PLUS CEMENT	125	SK	8.19	1,023.75
504-120	HALL. LIGHT -PREMIUM PLUS	325	SK	7.40	2,405.00
507-210	FLOCELE	113	LB	1.30	146.90
509-406	ANHYDROUS CALCIUM CHLORIDE	8	SK	26.50	212.00
500-207	BULK SERVICE CHARGE	474	CFT	1.15	545.10
500-306	MILEAGE CMTG MAT DEL OR RETURN	318.563	TMI	.80	254.85
INVOICE SUBTOTAL					5,436.80
DISCOUNT-(BID)					2,446.45-
INVOICE BID AMOUNT					2,990.15
*-KANSAS STATE SALES TAX					127.13
*-SEWARD COUNTY SALES TAX					25.96
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$3,143.24

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RECEIVED
CORPORATION COMMISSION
OCT 30 1992
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.