

ORIGINAL

SIDE ONE

KCC

MAY 06

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

API NO. 15- 175-21169 -0000

CONFIDENTIAL

County Seward

CNE NW Sec. 21 Twp. 32S Rge. 34 East West

4620 Ft. North from Southeast Corner of Section

3300 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

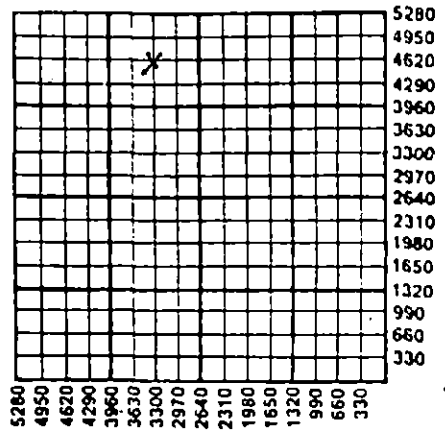
Lease Name Marteney A Well # 3

Field Name Arkalon

Producing Formation Chester

Elevation: Ground 2933' KB 2944'

Total Depth 6400' PBTD 6347'



Amount of Surface Pipe Set and Cemented at 1683 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set DV Tool at 3221' 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

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

Purchaser: PEPL

Operator Contact Person: Raymond Hui

Phone (405) 749-2471

Contractor: Name: Gabbert Jones

License: 5842'

Wellsite Geologist: Robert Vick

Designate Type of Completion
 New Well Re-Entry Workover

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

If ~~CAC~~ old well info as follows:
Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:
 Mud Rotary Air Rotary Cable

3-19-91 3-25-91 5-7-91
Spud Date Date Reached TD Completion Date

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 Ray Ann Filmer

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)

P1

SIDE TWO

Operator Name OXY USA, Inc. Lease Name Martenev A Well # 3
 Sec. 21 Twp. 32S Rge. 34 East County Seward
 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 Dual Induction - SFL w/SP & GR.	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3" style="text-align: center;">Formation Description</th> </tr> <tr> <th></th> <th style="text-align: center;"><input checked="" type="checkbox"/> Log</th> <th style="text-align: center;"><input type="checkbox"/> Sample</th> </tr> <tr> <th style="text-align: left;">Name</th> <th style="text-align: center;">Top</th> <th style="text-align: center;">Bottom</th> </tr> </thead> <tbody> <tr> <td>Winfield</td> <td style="text-align: center;">2699</td> <td style="text-align: center;">2932</td> </tr> <tr> <td>Council Grove</td> <td style="text-align: center;">2932</td> <td style="text-align: center;">4278</td> </tr> <tr> <td>Heebner</td> <td style="text-align: center;">4278</td> <td style="text-align: center;">4338</td> </tr> <tr> <td>Lansing</td> <td style="text-align: center;">4338</td> <td style="text-align: center;">5008</td> </tr> <tr> <td>Marmaton</td> <td style="text-align: center;">5008</td> <td style="text-align: center;">-</td> </tr> <tr> <td>TD</td> <td></td> <td style="text-align: center;">6400</td> </tr> <tr> <td>PBTD</td> <td></td> <td style="text-align: center;">6347</td> </tr> </tbody> </table>	Formation Description				<input checked="" type="checkbox"/> Log	<input type="checkbox"/> Sample	Name	Top	Bottom	Winfield	2699	2932	Council Grove	2932	4278	Heebner	4278	4338	Lansing	4338	5008	Marmaton	5008	-	TD		6400	PBTD		6347
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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#	1683	Cl.C	645	6% gel
Production	7 7/8"	5 1/2"	14 % 15.5#	6397	*Pls refer to csg data below.		
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used) Depth			
4	Chester 6158-6169' (11'; 44 shots)			Broke down Chester w/1500 gal #2 diesel plus 5% MUSOL 6158-6169'			
TUBING RECORD							
Size		Set At	Packer At		Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
2 3/8"		6169'					
Date of First Production		Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)					
Waiting for PL connection							
Estimated Production Per 24 Hours		Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity	
-		-	394	-	-		

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 6158-6169'

*Prod. Casing Data: DV Tool at 3221'. Cmt'd 1st stage as follows: pumped 500 gals mud flush followed by 350 sx Cl.H Poz w/6% gel, followed by 180 sx Cl.H w/2% gel. Cmt'd 2nd stage as follows: Pumped 500 gals mud flush followed by 240 sx Cl.C Poz w/6% gel, followed by 310 sx Cl.C Poz w/2% gel.

ORIGINAL

ORIGINAL

HALLIBURTON SERVICES

KCC P.O. BOX 951046 DALLAS, TX 75395-1046

MAY 0 6

INVOICE

A Halliburton Company

CONFIDENTIAL

INVOICE NO.	DATE
093570	03/25/1991

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
MARTNEY A-3		SEWARD		KS	SAME	
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE		TICKET DATE
LIBERAL		G & J #82		CEMENT PRODUCTION CASING		03/25/1991
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER		SHIPPED VIA	FILE NO.
659167	JAY A. MUSE	E-26			COMPANY TRUCK	12842

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

9-1572300 x 2360.1 / 724 WMS-9

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
506-105	POZMIX A	155	SK	3.91	606.05
506-121	HALLIBURTON-GEL 2%	5	SK	.00	N/C
504-120	HALL. LIGHT - PREMIUM PLUS	240	SK	6.29	1,509.60
507-153	CFR-3	78	LB	4.00	312.00
507-210	FLOCELE	270	LB	1.30	351.00
507-661	HALAD-4	78	LB	7.50	585.00
507-665	HALAD-9	76	LB	7.50	570.00
509-406	ANHYDROUS CALCIUM CHLORIDE	8	SK	26.25	210.00
509-968	SALT	1035	LB	.10	103.50
500-307	MILEAGE SURCHARGE-CEMENT MAT.	1232.125	TMI	.10	123.21
500-207	BULK SERVICE CHARGE	1129	CFT	1.10	1,241.90
500-306	MILEAGE CMTG MAT DEL OR RETURN	1232.125	TMI	.75	924.09

INVOICE SUBTOTAL 18,130.40
 DISCOUNT-(BID) 5,439.10-
 INVOICE BID AMOUNT 12,691.30
 *-KANSAS STATE SALES TAX 445.05
 *-SEWARD COUNTY SALES TAX 104.73

OKLAHOMA CITY E&P

DISC. RATE		DATE REC'D	
CO-BID-NP		LOC-CODE	SPL. RPT. CO.
327-77	13	52	006
S/U TAX	MP	PG	BID
ACCT. APPR.		CASH DISB.	

INVOICE TOTAL - PLEASE PAY THIS AMOUNT =====> \$13,241.08

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

INVOICE

HALLIBURTON SERVICES

A Halliburton Company

KCC

P.O. BOX 951046 DALLAS, TX 75395-1046

MAY 0 6

CONFIDENTIAL

INVOICE NO.	DATE
093570	03/25/1991

WELL LEASE NO./PLANT NAME	WELL/PLANT LOCATION	STATE	WELL/PLANT OWNER		
MARTNEY A-3	SEWARD	KS	SAME		
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE		
LIBERAL	G & J #82	CEMENT PRODUCTION CASING	03/25/1991		
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
659167	JAY A. MUSE	E-26		COMPANY TRUCK	12842

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

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
000-117	MILEAGE	25	MI	2.35	58.75
000-118	MILEAGE SURCHARGE-CEMENT-LAND	25	MI	.40	10.00
007-013	MULT STAGE CEMENTING-1ST STAGE	6401	FT	1,475.00	1,475.00
001-016		1	UNT		
007-161	MULT STAGE CEMENTING-ADD STAGE	1	STG	950.00	950.00
26	INSERT VALVE F. S.- 5 1/2" 8RD	1	EA	245.00	245.00
847.6318					
27	FILL-UP UNIT 5 1/2"-6 5/8"	1	EA	30.00	30.00
815.19311					
40	CENTRALIZER 5-1/2" MODEL S-4	16	EA	44.00	704.00
807.93022					
71	MULT STAGE CMTR-5-1/2 8RD	1	EA	2,450.00	2,450.00
813.80300					
75	PLUG SET 5 1/2"	1	EA	439.00	439.00
812.0162					
320	CEMENT BASKET 5 1/2"	1	EA	90.00	90.00
800.8883					
594	5 1/2" LATCH DOWN BAFFLE	1	EA	114.00	114.00
801.03743					
595	LATCH-DOWN SHUTOFF PLUG 5 1/2"	1	EA	345.00	345.00
812.01695					
350	HALLIBURTON WELD-A	1	LB	11.50	11.50
890.10802					
018-315	MUD FLUSH	1000	GAL	.45	450.00
504-043	PREMIUM CEMENT	90	SK	6.85	616.50
506-105	POZMIX A	90	SK	3.91	351.90
506-121	HALLIBURTON-GEL 2%	3	SK	.00	N/C
504-118	HALLIBURTON LIGHT CEMENT -PREM	350	SK	6.16	2,156.00
504-050	PREMIUM PLUS CEMENT	155	SK	7.08	1,097.40

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

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

ORIGINAL



KCC

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

INVOICE

HALLIBURTON SERVICES MAY 0 6

ORIGINAL

A Halliburton Company

CONFIDENTIAL

INVOICE NO.	DATE
093760	03/14/1991

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
MARTENEY A-3		SEWARD		KS	SAME	
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE		TICKET DATE
LIBERAL		GABBERT & JONES		CEMENT SURFACE CASING		03/14/1991
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.	
659167	JAY A MUSE	E-26		COMPANY TRUCK	12436	

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

PRICE REF NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE	24	MI	2.35	56.40
		1	UNT		
000-118	MILEAGE SURCHARGE-CEMENT-LAND	24	MI	.40	9.60
		1	UNT		
001-016	CEMENTING CASING	1684	FT	945.00	945.00
		1	UNT		
030-018	CEMENTING PLUG SW, 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	520	SK	6.29	3,270.80
507-210	FLOCELE	161	LB	1.30	209.30
509-406	ANHYDROUS CALCIUM CHLORIDE	11	SK	26.25	288.75
500-307	MILEAGE SURCHARGE-CEMENT MAT.	728.94	TMI	.10	72.89
500-207	BULK SERVICE CHARGE	678	CFT	1.10	745.80
500-306	MILEAGE CMIG MAT DEL OR RETURN	728.94	TMI	.75	546.71

INVOICE SUBTOTAL
 30%
 DISCOUNT - (BID)
 INVOICE BID AMOUNT

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

RECEIVED
 STATE CORPORATION COMMISSION

MAY 10 1991

CONSERVATION DIVISION
 Wichita, Kansas

7,160.25
 2,148.06-
 5,012.19
 180.78
 42.55

OKLAHOMA CITY EEP

9-1572300 X 2360.1/724
 3/27 heb

DISB. APPR.	DATE REC'D
	11 27 1991
LOG CODE	SPL. RPT. CD.
1.32	006
327-77	

INVOICE TOTAL - PLEASE PAY THIS AMOUNT =====>

\$5,235.52

AFFIX JOB TKT! TERMS: PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE. UPON RECEIPT OF INVOICE, CUSTOMER SHALL BE RESPONSIBLE FOR 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