

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 300

City/State/Zip Tulsa, OK 74102-0300

Purchaser: \_\_\_\_\_

Operator Contact Person: Raymond Hui

Phone (918) 561-3548

Contractor: Name: Duke Drilling Corp.

License: 5929

Wellsite Geologist: \_\_\_\_\_

Designate Type of Completion

New Well  Re-Entry  Workover

Oil  SWD  SLOW  Temp. Abd.

Gas  ENHR  SIGW

Dry  Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Deepening  Re-perf.  Conv. to Inj/SWD

Plug Back \_\_\_\_\_ PBSD

Commingled \_\_\_\_\_ Docket No. \_\_\_\_\_

Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_

Other (SWD or Inj?) \_\_\_\_\_ Docket No. \_\_\_\_\_

4-23-96 5-3-96 5-3-96  
Spud Date Date Reached TD Completion Date

API NO. 15-007-22499 ORIGINAL

County Barber

S/2- NE- SE- NE Sec. 13 Twp. 35S Rge. 14 X <sup>E</sup> <sub>W</sub>

1880 FNL Feet from S/N (circle one) Line of Section

330 FEL 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 Sternberger G Well # 1

Field Name Aetna

Producing Formation Dry

Elevation: Ground 1517 KB 1528

Total Depth 5100 PBSD \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at 453 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.

Drilling Fluid Management Plan D-A, 2-17-98 U.C.  
(Data must be collected from the Reserve Pit)

Chloride content 1800 ppm Fluid volume 2500 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name \_\_\_\_\_

Lease Name \_\_\_\_\_ License No. \_\_\_\_\_

\_\_\_\_\_ Quarter Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S Rng. \_\_\_\_\_ E/W

County \_\_\_\_\_ Docket No. \_\_\_\_\_

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 Raymond Hui

Title Analyst Date 7-8-96

Subscribed and sworn to before me this 8th day of July, 1996.

Notary Public Karen Anne Wells

Date Commission Expires 9-22-97

K.C.C. OFFICE USE ONLY		
F	<input type="checkbox"/>	Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/>	Wireline Log Received
C	<input type="checkbox"/>	Geologist Report Received
Distribution		
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug
<input type="checkbox"/>		<input type="checkbox"/> NGPA
<input type="checkbox"/>		<input type="checkbox"/> Other (Specify)

Operator Name OXY USA Inc. Lease Name Sternberger G Well # 1

Sec. 13 Twp. 35S Rge. 14  East  West  
 County Barber

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.) See Attached

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run  Yes  No  
 (Submit Copy.)

List All E.Logs Run: Ran Dual Induction  
W/GR and SP; Compensated Neutron-Litho.  
W/PE, GR & Caliper

<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Name	Top	Datum
Miss	4811	
Cherokee	4860	

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	453'	CL A	250	3% cc
Production	7 7/8"	5 1/2"	14				

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<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
	Dry Hole - Not perforated		

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. Pump Testing	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls. <u>N-A</u>	Gas Mcf <u>N-A</u>	Water Bbls.	Gas-Oil Ratio
				Gravity

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

METHOD OF COMPLETION:  Open Hole  Perf.  Dually Comp.  Commingled

Production Interval:  Other (Specify) Dry Hole Drilled & Abandoned

ORIGINAL

15-007-22499-0000

RE: DST  
Sternberger G 1  
3400 FSL & 330 FEL  
Sec. 13-35S-14W  
Barber County, KS

DST #1

Ran 30-60-45-90 test over Lansing KC A Zone from 4160 to 4170'. Opened tool and had strong blow with gas to surface 4 min into ISI. IFP: 24-43#. ISIP 1595#. FFP 45-78# with flowrate of 23 mcfpd; FSIP 1653#. Recovered 140' NCW (80% water and 20% mud.)

DST #2

RIH DST tools and ran 30-60-45-90 test in Miss/Cherokee 4811-4860'. Opened tool and had gas to surface in 5 1/2 min. After 10 min. on IFP. Rate was 72 mcfpd declining to 47 mcfpd at end of IFP. After 10 min into FF, rate was 46 mcfpd declining to 33 mcfpd at end of FF. Recovered 175' of GCM. IFP 100-65#; ISP 949#; FFP 67-79#; FSIP: 964#

RECEIVED  
KANSAS CORP COM  
1998 SEP 19 P 1:03  
9-19-98



HALLIBURTON  
ORIGINAL

REMIT TO:  
P.O. BOX 551046  
DALLAS, TX 75355-1046

INVOICE

INVOICE NO.	DATE
968327	04/24/1996

WELL LEASE NO./PROJECT		WELL/PROJECT LOCATION		STATE	OWNER
STERNBERGER "C" 1		BARBER		KS	SAME
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET DATE
PRATT		DUKE DRILLING	CEMENT SURFACE CASING		04/24/1996
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
659167	JOE LEVINGSTON	R-26		COMPANY TRUCK	07145

OKY USA INC.  
REGIONAL OFFICE  
ATT.  
PO BOX 26100  
OKLAHOMA CITY, OK 73126-0100

DIRECT CORRESPONDENCE TO:  
P O BOX 428  
HAYS KS 67601  
913-625-3431

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
<b>PRICING AREA - MID CONTINENT</b>					
000-117	MILEAGE CEMENTING ROUND TRIP	120	MI	2.85	342.00
		1	UNT		
001-016	CEMENTING CASING	453	FT	630.00	630.00
		1	UNT		
030-503	WOODEN TOP PLUG	8	5/8 IN	95.00	95.00
		1	EA		
12A	GUIDE SHOE - 8 5/8" 8RD THD.	1	EA	216.00	216.00
325.217					
24A	INSERT FLOAT VALVE - 8 5/8" 8RD	1	EA	171.00	171.00
815.19502					
27	FILL-UP UNIT 7"- 8 5/8"	1	EA	64.00	64.00
815.19415					
40	CENTRALIZER-8-5/8 X 12-1/4	1	EA	80.00	80.00
806.60059					
350	HALLIBURTON WELD-A	1	EA	16.75	16.75
890.10002					
504-376	CEMENT - HALL. LIGHT STANDARD	150	SK	8.60	1,320.00
509-406	ANHYDROUS CALCIUM CHLORIDE	4	SK	36.75	147.00
507-210	FLOCELE	38	LB	1.65	62.70
504-308	CEMENT - STANDARD	100	SK	9.57	957.00
509-406	ANHYDROUS CALCIUM CHLORIDE	3	SK	36.75	110.25
507-210	FLOCELE	25	LB	1.65	41.25
500-207	BULK SERVICE CHARGE	270	CFT	1.35	364.50
500-306	MILEAGE CHRG MAY DEL OR RETURN	708.060	TIT	.95	672.66

INVOICE SUBTOTAL

5,290.11

DISCOUNT-(BID)

1,971.66-

INVOICE BID AMOUNT

3,318.45

KANSAS STATE SALES TAX

133.09

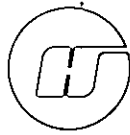
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APPENDIX JOB TRF

TERMS: If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materials. If customer has an approved open account, invoices are payable on the twentieth day after date of invoice. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, Customer agrees to pay attorney fees of 20% of the unpaid account, plus all collection and court costs.

CUSTOMER COPY

INVOICE



# HALLIBURTON ORIGINAL

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

INVOICE NO.	DATE
968377	04/24/1996

WELL LEASE NO./PROJECT		WELL/PROJECT LOCATION		STATE	OWNER
STERNBERGER "C" 1		BARBER		KS	SAME - 477
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE		TICKET DATE	
PRATT	DUKE DRILLING	CEMENT SURFACE CASING		04/24/1996	
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
659167	JOE LEVINGSTON	R-26		COMPANY TRUCK	07145

OKY USA INC.  
REGIONAL OFFICE  
ATT:  
PO BOX 26100  
OKLAHOMA CITY, OK 73126-0100

DIRECT CORRESPONDENCE TO:  
P O BOX 428  
HAYS KS 67601  
913-625-3431

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
X	*-PRATT COUNTY SALES TAX				27.15
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$3,478.69

RECEIVED  
KANSAS CORPORATION  
1996 SEP 19 P 1:03

APFLX JOB TKT

TERMS: If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materials. If customer has an approved open account, invoices are payable on the twentieth day after date of invoice. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, Customer agrees to pay attorney fees of 20% of the unpaid account, plus all collection and court costs.

1.070021

To: STATE CORPORATION COMMISSION  
Wichita State Office Bldg. PLUGGING SECTION  
130 S. Market, Room 2078  
Wichita, KS 67202

API NUMBER 15- 007-22,499

SE NE, SEC. 13, T 35 S, R 14 W X  
1880 feet from N&E section line  
330 feet from E section line

5-3

TECHNICIAN'S PLUGGING REPORT

Operator License # 5447

Lease Name Sternberger G Well I

Operator: OXY USA Inc.

County Barber 165.75

Name & Address 110 S. Main, Ste. 800

Well Total Depth 5100 feet

Wichita, KS 67202

Conductor Pipe: Size feet

Surface Casing: Size 8 5/8 feet 453

Abandoned Oil Well Gas Well Input Well SWD Well O&A X

Other well as hereinafter indicated

Plugging Contractor Duke Drilling Co. License Number 5929

Address 310 W. Central, Wichita, KS 67202

Company to plug at: Hour: Day: 3 Month: 5 Year: 19 96

Plugging proposal received from Lance

(company name) OXY (phone) 316-265-5624

was: to fill hole with heavy mud and spot cement through drill pipe

1st plug at 510' with 50 sx cement,

2nd plug at 40' with 10 sx cement,

3rd plug to circulate rathole with 15 sx cement,

4th plug to circulate mousehole with 10 sx cement.

Plugging Proposal Received by Bill Johnson (TECHNICIAN)

Plugging Operations attended by Agent?: All Part None X

Operations Completed: Hour: 4:55 p.m Day: 3 Month: 5 Year: 1996

ACTUAL PLUGGING REPORT 1st plug at 510' with 50 sx cement,

2nd plug at 40' with 10 sx cement,

3rd plug to circulate rathole with 15 sx cement,

4th plug to circulate mousehole with 10 sx cement.

RECEIVED KANSAS CORPORATION COMMISSION

MAY 14 1996

CONSERVATION DIVISION WICHITA KS

Remarks: Used 60/40 Pozmix 6% gel by HOWCO.

(if additional description is necessary, use BACK of this form.)

INVOICED

(did not) observe this plugging.

Signed [Signature] (TECHNICIAN)

DATE JUN 05 1996

INV. NO. 45723 5-3

JUL 17 1996