

FORM MUST BE TYPED

SIDE ONE

Completion W

ORIGINAL

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

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

Purchaser: Citgo Petroleum

Operator Contact Person: ~~Raymond Hui~~ Raymond Hui

Phone (405) 749-2309

Contractor: Name: Duke Drilling Co.

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 PBTD
- Commingled Docket No. _____
- Dual Completion Docket No. _____
- Other (SWD or Inj?) Docket No. _____

Spud Date 4-22-96 Date Reached TD 4-28-96 Completion Date 5-15-96

API NO. 15-051-24922

County Ellis

- - SW - NE Sec. 24 Twp. 11S Rge. 17 X W

1975 Feet from SW (circle one) Line of Section

2580 Feet from EW (circle one) Line of Section

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

Lease Name Colahan A Well # 39

Field Name Bemis

Producing Formation Arbuckle

Elevation: Ground 1933' KB 1942

Total Depth 3422' PBTD 3422'

Amount of Surface Pipe Set and Cemented at 333 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 3421'

feet depth to cellar w/ 460 sx cmt.

Drilling Fluid Management Plan ALT 2 JH 4-10-97
(Data must be collected from the Reserve Pit)

Chloride content 1200 ppm Fluid volume 3000 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. _____

RECEIVED
KANSAS CORPORATION COMMISSION
6-10-96
JUN 10 1996
5-15-96
OPERATION DIVISION
WICHITA, KS

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market Room 2078, 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 Staff Analyst Date 6-06-96

Subscribed and sworn to before me this 6th day of June, 19 96.

Notary Public Kay Ann Kilmer

Date Commission Expires 5-2-98

K.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached
 C Wireline Log Received
 C Geologist Report Received

Distribution

KCC SWD/Rep NGPA
 KGS Plug Other
 (Specify)

Operator Name JOHN USA Lease Name Colahan A Well # 39
 Sec. 24 Twp. 11S Rge. 17 East West
 County Ellis

ORIGINAL

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 (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Lecompton	2968'	-1026
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Oread	3020	-1078
List All E.Logs Run:		Plattsmouth	3053	-1111
Ran DIFL/GR/SP and CNL-LDT/PE/GR/ Caliper & Microlog		Heebner	3080	-1138
		Toronto	3104	-1162
		LKC	3130	-1188

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 #	333'	Class A	250	3% Ca Cl.
Production	7 7/8"	5 1/2"	14 #	3421'	Class A	460	2% Ca Cl.
				Top of cmt at 200'			

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
4	Arbuckle 3419-3421'	Not acidized	

TUBING RECORD		Size <u>2 7/8"</u> Set At <u>3394</u> Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. <u>5-13-96</u>		Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)	
Estimated Production Per 24 Hours	Oil <u>7</u> Bbls.	Gas <u>-</u> Mcf	Water <u>372</u> 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 3419'-3421'

Production Interval: Other (Specify) _____



JOB LOG HAL-2013-C

DATE	PAGE NO.
4-22-96	1
TICKET NO.	
915345	

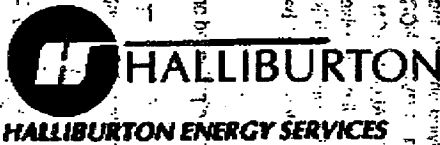
CUSTOMER	WELL NO.	LEASE	JOB TYPE
OXY USA INC	A-29	Colohan	Surface

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1800							Called out
	1930							On location Rig set Drilled to 334' TO Circulate
	2040							P.11 D.P. ; B.T Run new 8 5/8" 24*/ft esp Casing on Bottom Rig up to circulate
	2145							circulate
	2150							Rig up to Pump Truck
	2205							Start mixing cement
	2210	4 1/2					200	250 sks Standard 3% CC 1/4" /sk Flacole
	2222		53				200	Cement mixed
	2222							Release Plug
	2223							Start displacement
	2230	4 1/2	19				200	Plug down Close in @ well head Wash up Rack up
	2300							Job complete
								Cement Did Circulate
								Thank you
								Neil, Ron & Jim

RECEIVED
KANSAS CORPORATION COMMISSION

JUN 10 1996

CONSERVATION DIVISION
WICHITA, KS



HAE-1906-N

CHARGE TO: **Oxy USA, Inc.**
 ADDRESS:
 CITY-STATE, ZIP CODE:

CUSTOMER COPY

TICKET No: **915387-0**
 DATE: **4-28-96**
 ORDER NO: **24-115-17**
 OWNER: **Oxy USA, Inc.**

SERVICE LOCATIONS: **1. Hays, KS**
 WELL/PROJECT NO.: **A-39**
 LEASE: **Coburn**
 COUNTY/PARISH: **Ellis**
 STATE: **KS**
 CITY/OFFSHORE LOCATION:
 TRICKET TYPE: **SALES**
 NITROGEN JOB? YES NO
 CONTRACTOR: **Duke Decker Co.**
 RIG NAME/NO.:
 SHIPPED VIA: **WELL SITE**
 DELIVERED TO:
 WELL TYPE: **OH**
 WELL CATEGORY: **OH**
 JOB PURPOSE: **035**
 WELL PERMIT NO.:
 WELL LOCATION:

PRICE REFERENCE	SECONDARY REFERENCE PART NUMBER	ACCOUNTING DOC	DESCRIPTION	QTY	UNIT	PRICE	AMOUNT
000-117		1	MILEAGE (RTM 51145)	44 mi		2.85	125.40
001-016		1	Pump Charge	3440 ft	6 hrs	1500.00	1500.00
12 A	825-205	1	Regular Guide Shoe	1 ea	5 1/2 in	121.00	121.00
24 A	815-19251	1	Insert Float Valve	1 ea	5 1/2 in	110.00	110.00
27	815-19313	1	Auto-Fillup Assembly	1 ea		69.00	69.00
40	806-60022	1	S-4 Centralizer	18 ea	5 1/2 in	60.00	1080.00
030-016		1	5-w Top Plug	1 ea	5 1/2 in	60.00	60.00
030-018		1	5-w Bottom Plug	1 ea	5 1/2 in	65.00	65.00
019-241		1	Rotating Head	1 Tr	5 1/2 in	185.00	185.00
018-315		1	Med Flush	500 gal		.65	325.00

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS
 YES NO
 DATE SIGNED: **4-28-96**
 TIME SIGNED: **10:00 A.M.**

SUB SURFACE SAFETY VALVE WAS:
 PULLED & RETURN PULLED RUN
 TYPE LOCK: _____ DEPTH: _____
 BEAN SIZE: _____ SPACERS: _____
 TYPE OF EQUALIZING SUB: _____ CASING PRESSURE: _____
 TUBING SIZE: _____ TUBING PRESSURE: _____ WELL DEPTH: _____
 TREE CONNECTION: _____ TYPE VALVE: _____

SURVEY: YES NO
 AGREE UN-DECIDED DIS-AGREE
 OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?
 WE UNDERSTOOD AND MET YOUR NEEDS?
 OUR SERVICE WAS PERFORMED WITHOUT DELAY?
 WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?
 ARE YOU SATISFIED WITH OUR SERVICE?
 YES NO
 CUSTOMER DID NOT WANT TO RESPOND

PAGE TOTAL	3640.40
FROM CONTINUATION PAGE(S)	7044.42
SUB-TOTAL	10284.82
APPLICABLE TAXES WILL BE ADDED TO INVOICE	

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.
 CUSTOMER OR CUSTOMER'S AGENT (PLEASE PRINT): _____
 CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE): *[Signature]*
 HALLIBURTON OPERATOR/ENGINEER: *[Signature]* EMP # **47553**
 HALLIBURTON APPROVAL: _____

12-15-1995 6:30AM FROM P.1



JOB LOG HALL-2019-C

DATE: 4-28-96 PAGE NO: 1

CUSTOMER: Oxy USA Inc WELL NO: A-39 LEASE: JOB TYPE: 5 1/2" Prod. Csg. TICKET NO: 913387-0

CHART NO. RATE (GPM) VOLUME (BBL) (GAL) PUMPS (T) (C) PRESSURE (PSI) (TUBING) (CASING) DEPTH (GAL) (M) (MATERIAL)

ORIGINAL

0602						Called out - Job ready @ 0400 hrs.
0606						on loc - Rigging up to 5 1/2" Csg. - Discuss
0404						Cent. placement of Co. Rep.
						Start 5 1/2" Csg. - Reg. Guide Shoe - TUSERT
						First Valve on 5 1/2" - Test on Its 1-18.
						Set up Equip.
0535						Csg. @ 3440' Hook up Rotating head
						& Plug Container @ Aukys
0604						Rig Start Circulating
0608						Start Rotating Reg & Circ.
						Hook up to PT - Push 5 1/2" Bottom Plug thru head
0653	4.0	12.0			200	Start 12 bbl water with 1 sk. Deso
0656						Deso in - Shut down - Repair head @ floor & head
0723	4.0	12.0			200	Start 5 gal. Mud Flush - Rotate Csg.
0727	3.0	3.0			175	Start 3 bbl water spacer
0729	6.0	173.6			200	Start mixing 3 sacks. Mid-Cont. - 22CC - 1/4" Flack
0735	6.5				100	Bottom Plug @ TUSERT
0759	6.0	35.6			75	Start Mix - 160 lbs. 50/50 Per. 22 Gal. - 12% Soil -
						1/2" Hlad 322 - 1% CC - 1/4" Flack
0804	4.0				75	Finish mixing Cement
						Close in Csg. - Stop Rotating - Washup Pump & hose
						Release 5 1/2" 5-W Top Plug
0806	4.5	83.1			25	Start disp
0821	2.0				175	Start lift Press. Turn on - Show to 280 PM
0842	2.0				750	Finish Circ. Press.
0849					1400	Plug down -
0845					0	Release Press. - Insert Holding
						Washing & Rack up PT - Complete - Tkt.
0930						Job Completed

Thank you
Ethan, Tim, Doug, Craig

Cement Circulated to Collar

J. D. Heringer

FIELD OFFICE

WELL SUMMARY

HALLIBURTON LOCATION Hays, KS

BILLED ON TICKET NO. 916397-0

WELL DATA

FIELD _____ SEC 24 TWP 11S RNG 17W COUNTY Ellis STATE KS

FORMATION NAME _____ TYPE _____ FROM _____ TO _____

INITIAL PRODUCTION _____ BPD. WATER _____ BPD. GAS _____ MCFD _____

PRESENT PRODUCTION _____ BPD. WATER _____ BPD. GAS _____ MCFD _____

COMPLETION DATE _____ MUD TYPE _____ MUD WT. _____

CASING TYPE _____ SET AT _____

BOTTOM HOLE TEMPERATURE _____ PRESSURE _____

TOTAL DEPTH 3427'

NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	N	14"	54'	3440'	
LINER					
TUBING					
OPEN HOLE					SHOTS/FT
PERFORATIONS					
PERFORATIONS					
PERFORATIONS					

JOB DATA

TOOLS AND ACCESSORIES

DESCRIPTION AND SIZE	QTY.	MAKE
LOAD COLLAR	1 ea	11/16"
LOAD ROD	1 ea	5/8"
GUIDE CHISEL	1 ea	5/16"
CENTRAL PERC	1 ea	5/16"
BOTTOM HOLE	1 ea	5/16"
TOP HOLE	1 ea	5/16"
HEADS	1 ea	5/16"
BAGGER	1 ea	5/16"
OTHER		

CALLER OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>4-28-96</u>	DATE <u>4-28-96</u>	DATE <u>4-28-96</u>	DATE <u>4-28-96</u>
TIME <u>0003</u>	TIME <u>0356</u>	TIME <u>0104</u>	TIME <u>0750</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO.	TYPE	LOCATION
<u>E. Reynolds</u>	<u>47568</u>		<u>Hays, KS</u>
<u>T. Phares</u>	<u>400</u>		<u>Hays, KS</u>
<u>D. Burt</u>			<u>Hays, KS</u>
<u>C. Dodson</u>			<u>Hays, KS</u>

MATERIALS

TREAT FLUID _____ DENSITY _____ LB/GAL. API

DRILL FLUID _____ DENSITY _____ LB/GAL. API

PROP. TYPE _____ SIZE _____ LB.

ACID TYPE _____ GAL _____ %

ACID TYPE _____ GAL _____ %

ACID TYPE _____ GAL _____ %

SURFACTANT _____ GAL _____ IN

IN. AGENT _____ GAL _____ IN

FLUID LOSS ADJ. _____ GAL-LB _____ IN

GELING AGENT _____ GAL-LB _____ IN

FINE RED. AGENT _____ GAL-LB _____ IN

DRILLER _____ GAL-LB _____ IN

BLOCKING AGENT _____ GAL-LB _____ IN

PERFAC BALLS _____ CITY _____

OTHER Surgeal Mud Flush

OTHER _____

DEPARTMENT Consulting

DESCRIPTION OF JOB Cement 5 1/2" Prod. Pipe - drilled

JOB DONE THRU: TUBING CASING MANIFOLD TIE-BACK

CUSTOMER REPRESENTATIVE X J. D. [Signature]

HALLIBURTON OPERATOR [Signature]

COPIES REQUESTED _____

CEMENT DATA

NO. BAGS	CEMENT	BRAND	SILK SACKED	ADDITIVES	YIELD CU. FT./SK	MIXED LB./GAL
	<u>29.00</u>	<u>Cont</u>		<u>29.00 - 100% Flocc</u>	<u>3.75</u>	<u>11.1</u>
	<u>10.00</u>	<u>5015A B2</u>		<u>10.00 - 12.5% Sil - 11.2% 200 mesh silica</u>	<u>4.25</u>	<u>11.6</u>

PRESSURES IN PSI

CIRCULATING _____ DISPLACEMENT _____

BREAKDOWN _____ MAXIMUM _____

AVERAGE _____ FRACTURE GRADIENT _____

SHUT-IN INSTANT _____ 5-MIN _____ 15-MIN _____

ORDERED _____ AVAILABLE _____ USED _____

AVERAGE RATES IN BPM _____

TREATING _____ DISPL. _____ OVERALL _____

CEMENT LEFT IN PIPE _____

FEEL 3440' REASON Shoe Joint

SUMMARY

VOLUMES

FRESHWASH: BBL-GAL 110 TYPE Mud Flush

LOAD & EXCN: BBL-GAL 122.5

TREATMENT: BBL-GAL _____

CEMENT SLURRY: BBL-GAL 173.6

TOTAL VOLUME: BBL-GAL _____

REMARKS See Job Log

CUSTOMER