

CONFIDENTIAL

ORIGINAL

10/23/08
Form ACO-1

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

September 1999

Form Must Be Typed

Operator: License # 5447
Name: OXY USA Inc.
Address: P.O. Box 2528
City/State/Zip: Liberal, KS 67905
Purchaser: ONEOK
Operator Contact Person: Rafael Bacigalupo
Phone: (620) 629-4200
Contractor: Name: Murfin Drilling Co., Inc.
License: 30606
Wellsite Geologist: Marvin T. Harvey, Jr.
Designate Type of Completion:
☒ New Well ☐ Re-Entry ☐ Workover
☐ Oil ☐ SWD ☐ SIOW ☐ Temp. Abd.
☒ Gas ☐ ENHR ☐ SIGW
☐ Dry ☐ Other (Core, WSW, Expl, Cathodic, etc)
If Workover/Re-entry: Old Well Info as follows:
Operator: _____
Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____
☐ Deepening ☐ Re-perf. ☐ Conv. To Enhr./SWD
☐ Plug Back ☐ Plug Back Total Depth
☐ Commingled ☐ Docket No. _____
☐ Dual Completion ☐ Docket No. _____
☐ Other (SWD or Enhr.?) ☐ Docket No. _____
07/23/2007 08/04/2007 08/16/2007
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 175-22085-0000
County: Seward
SW - SE - SW Sec 20 Twp. 34 S. R. 33W
330 feet from (S) N (circle one) Line of Section
1425 feet from E (W) (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW (SW)
Lease Name: Stevesson A Well #: 8
Field Name: Salley
Producing Formation: Chester
Elevation: Ground: 2861 Kelly Bushing: 2872
Total Depth: 6700 Plug Back Total Depth: 6660
Amount of Surface Pipe Set and Cemented at 1702 feet
Multiple Stage Cementing Collar Used? ☐ Yes ☒ No
If yes, show depth set 2970
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan AIH NH 8-12-08
(Data must be collected from the Reserve Pit)
Chloride content 1300 mg/l ppm Fluid volume 1600 bbls
Dewatering method used Evaporation
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. ☐ East ☒ West
County: _____ Docket No.: _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 6702, 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 of 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: _____
Title: Capital Project Date 10/23/2007
Subscribed and sworn to before me this 23 day of Oct.
20 07
Notary Public: Anita Peterson
Date Commission Expires: Oct. 1, 2009

KCC Office Use Only

☒ Letter of Confidentiality Attached
If Denied, Yes ☐ Date: _____
☒ Wireline Log Received
☒ Geologist Report Received

UIC Distribution

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OCT 25 2007

CONSERVATION DIVISION
WICHITA, KS

ANITA PETERSON
Notary Public - State of Kansas
My Appt. Expires October 1, 2009

Side Two

Operator Name: OXY USA Inc. Lease Name: Stevesson A Well #: 8
 Sec. 20 Twp. 34 S. R. 33W ☐ East ☐ West County: Seward

Instructions: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

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: Sonic Array Microlog
 Cement Bond Log Array Compensated Resistivity
 Spectral Density Dual Spaced Neutron

☒ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Wellington Salt	2153	708
Chase	2656	205
Council Grove	2924	-63
Wabansee	3481	-620
Heebner Shale	4297	-1435
Toronto	4347	-1486
Lansing	4537	-1676

(See Side Three)

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
Conductor					C		
Surface	12 1/4	8 5/8	24	1702	C	500	A-Con w/2% CC
					C	200	Class H w/2% CC
Production	7 7/8	5 1/2	17	6740	H (1 st stage)	170	50/50 Poz + Additive
					H (2 nd stage)	200 / 100	A-Con w/2% CC / 50/50 POZ + add's

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
☐ Perforate				
☐ Protect Casing	-			
☐ Plug Back TD				
☐ 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	6186-6204'; 6212-6230'	Acidize - 125 bbls 17% FE Acid	
		Frac - 647 bbls 15# X-link Gel; 161,000# 20/40 sand	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-3/8	6143	6140'	☐ Yes ☒ No
Date of First, Resumed Production, SWD or Enhr. 09/18/2007	Producing Method ☒ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)			
Estimated Production Per 24 Hours	Oil BBLS 0	Gas Mcf 264	Water Bbls 1	Gas-Oil Ratio Gravity

Disposition of Gas

METHOD OF COMPLETION

Production Interval

☐ Vented ☒ Sold ☐ Used on Lease
 (If vented, Submit ACO-18)

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled

☐ Other (Specify)

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Side Three

Operator Name: OXY USA Inc. Lease Name: Stevesson A Well #: 8

Sec. 20 Twp. 34S. R. 33W ☐ East ☐ West

County: Seward

<u>Name</u>	<u>Top</u>	<u>Datum</u>
Kansas City	4859	-1998
Marmaton	5199	-2338
Cherokee	5555	-2694
Atoka	5651	-2790
Morrow	5857	-2996
Chester C	6125	-3265
Chester B	6240	-3379
Chester A	6344	-3483
St. Genevieve	6456	-3595

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CONSERVATION DIVISION
TOPEKA, KS

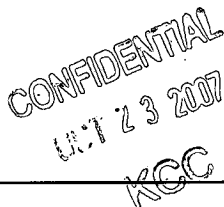
TREATMENT REPORT

Customer <i>Mr. USG</i>		Lease No. <i>KCC</i>		Date <i>7-24-07</i>	
Lease <i>Shawson</i>		Well # <i>A-8</i>			
Field Order # <i>14921</i>	Station <i>1, bend!</i>	Casing <i>2 3/8</i>	Depth <i>1694</i>	County <i>Seward</i>	State <i>KS</i>
Type Job <i>Surface</i>		Formation <i>(CWW)</i>		Legal Description <i>20-34-33</i>	

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
Depth	Depth	From	To	Pre Pad	Max		5 Min.
Volume	Volume	From	To	Pad	Min		10 Min.
Max Press	Max Press	From	To	Frac	Avg		15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load

Customer Representative				Station Manager <i>Kerry Bennett</i>				Treater <i>Kirkley Harper</i>			
Service Units	<i>19806</i>	<i>19631</i>	<i>19804</i>	<i>19566</i>	<i>19809</i>						
Driver Names	<i>Kapoor</i>	<i>Shree</i>	<i>Poon</i>	<i>McGinn</i>							

[illegible]



Customer <i>OXY</i>		Lease No. <i>None</i>		Date <i>2-5-07</i>	
Lease <i>Steelesboro</i>		Well # <i>A-E</i>			
Field Order # <i>12182</i>	Station <i>Liberty</i>	Casing <i>1 1/2"</i>	Depth <i>1171</i>	County <i>Sumner</i>	State <i>KS</i>
Type Job <i>2 1/2" VV 1.5</i>		(CNW)		Formation	Legal Description <i>20-34-33</i>

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
Depth	Depth	From	To	Pre Pad	Max		5 Min.
Volume	Volume	From	To	Pad	Min		10 Min.
Max Press	Max Press	From	To	Frac	Avg		15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load

Customer Representative <i>R. R. Levet</i>			Station Manager <i>J. Bennett</i>			Treater <i>M. C. Whelan</i>		
Service Units	<i>17808</i>	<i>17820</i>	<i>17828</i>	<i>19919</i>	<i>19836</i>	<i>17808</i>		
Driver Names	<i>C. Hine</i>	<i>A. Worth</i>	<i>M. C. Whelan</i>	<i>D. Adams</i>				

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
8:00					Arrive on Loc.
8:16					Start Monitoring w/ Rig Crew
10:19	5000				Test Lines
10:17	700		12	5	Pump Mat Flush
10:28	100		43	4.5	Pump Cement 170 lbs @ 13.8"
10:50					Start Down & Wash Pump Lines
10:53					Drop L.D. Plug
10:58	150		0	5.5	Start Displacement 16/10051 H ₂ O
11:01	100		90	5.5	Switch to Mud Displacement
11:32	100		155	2.5	Run Plug
11:33	0				Release Pressure Check Flats
11:34					Flats Hold
11:40	100				Drop opening Plug
11:00	100				Open DV Tool
12:03					Switch Over to Rig & Civ.
					2 nd Stage
					on sheet #2
					Sheet #1

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TREATMENT REPORT

Customer <i>Oxy</i>	Lease No.	Date <i>8-5-07</i>
Lease <i>Shoverson</i>	Well # <i>A-8</i>	
Field Order # <i>15182</i>	Station <i>Liberati</i>	Casing <i>5 1/2"</i> Depth <i>3093</i>
Type Job <i>3 1/2 D.V. Long Spring (CONV)</i>	Formation	Legal Description <i>20 24 33</i>
County <i>Seward</i>		State <i>KS</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
Depth	Depth	From	To	Pre Pad		Max		5 Min.
Volume	Volume	From	To	Pad		Min		10 Min.
Max Press	Max Press	From	To	Frac		Avg		15 Min.
Well Connection	Annulus Vol.	From	To			HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush		Gas Volume		Total Load

Customer Representative Station Manager Treater

Service Units	Driver Names

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
15:30		40	10	2	High Rat + House 25
15:42	130	130	15	4.5	Pump head 117 115 kgs @ 12.2"
15:59	110		25	4.5	Pump Tail Cont 110 kgs @ 13.6"
16:05					Shut Down + Wash Pump + Lines
16:16					Deep Plug
16:28	100		0	5.5	Start + Disp. w/ fresh H ₂ O
16:31	1300		12	4	Bump Plug + 110 kgs for Plughead
16:34	0		12	0	Release + Check for Flow Back
16:37	0			0	MSC Hold
16:30					End Job

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CONSERVATION DIVISION
CHEROKEE

Sheet #2



10/23/08

OXY USA Inc.

1701 N. Kansas
P.O. Box 2528
Liberal, Kansas 67905

October 23, 2007

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OCT 23 2007

KCC

Kansas State Corporation Commission
Conservation Division – Room 2078
Finney State Office Building
130 S. Market
Wichita, KS 67202-3802

RE: STEVESSON A-8
SW/4 S-20 R-34S T-33W
Seward County, Kansas
API # 15-175-22085

Dear Sir:

Please file confidential. The following items are being submitted for the above referenced well which was recently drilled and completed.

1. KANSAS STATE FORM ACO-1 + 2 copies
2. CEMENT REPORTS
3. GEOLOGICAL REPORT
4. A SET OF ELECTRIC LOGS

If there are any questions or you require further information, please contact me at the above address or by phone at (620) 629-4229.

Sincerely,

Rafael Bacigalupo
Capital Projects

Enclosures

Cc: OXY – Houston
OXY – Well File

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CONSERVATION DIVISION
WICHITA, KS