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ORIGINAL

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

Form ACO-1

September 1999

Form Must Be Typed

9/23/09

Operator: License # 5447
Name: OXY USA Inc.
Address: P.O. Box 2528
City/State/Zip: Liberal, KS 67905
Purchaser: Frontstreet
Operator Contact Person: Jarod Powell
Phone: (620) 629-4200
Contractor: Name: Murfin Drilling Company, Inc.
License: 30606
Wellsite Geologist: Earth Tech

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: KCC
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. _____
07/23/2008 07/24/2008 08/21/2008
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 081-21820-0000
County: Haskell
NE - NE - SW - SW Sec 27 Twp 30S S. R. 33W
1250 feet from S N (circle one) Line of Section
1250 feet from E W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW SW

Lease Name: TILLER Well #: 4-27

Field Name: Hugoton-Panoma Commingled

Producing Formation: Chase/Council Grove

Elevation: Ground: 2933.28 Kelly Bushing: 2944.28

Total Depth: 2995 Plug Back Total Depth: 2939

Amount of Surface Pipe Set and Cemented at 642 feet

Multiple Stage Cementing Collar Used? ☐ Yes ☒ No

If yes, show depth set _____

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content 900 ppm Fluid volume 1000 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: [Signature]

Title: Capital Assets Date 09/23/2008

Subscribed and sworn to before me this 23 day of Sept.

20 08

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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WICHITA, KS



Side Two

Operator Name: OXY USA Inc. Lease Name: Tiller Well #: 4-27Sec. 27 Twp. 30 S. R. 33W ☐ East ☐ West County: Haskell

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 ☐ NoCores Taken ☐ Yes ☒ NoElectric Log Run ☒ Yes ☐ No
(Submit Copy)List All E. Logs Run: CBLGamma Ray PerforatorDual Spaced Neutron☒ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Hollenberg	2617	328
Chase Group	2644	301
Herrington	2644	301
Krider	2679	266
Odell	2704	240
Winfield	2718	226
Gage	2740	204

(See Side 3)

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							
Surface	12 1/4	8 5/8	24	642	C	380	A-Modified + additives
					C	200	Premium + additives
Production	7 7/8	4 1/2	11.6	2993	C	185	A-Modified + additives
					C	180	50/50 POZ + additives

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	2686-2695 & 2724-2735		
4	2618-2624 & 2647-2655	Frac: 4700 gals 75Q X-link Gel 2/75% NW foam; 122,208# 16/30 sand	
4	2770-2780 & 2782-2792	Acid: 3400 gals 17% NEFE Acid	
TUBING RECORD		Liner Run	
Size 2 3/8	Set At 2836	Packer At	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. 09/03/2008		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 BBLS 0	Gas Mcf 151	Water Bbls 6
		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: Stevens "C" Well #: 1
Sec. 13 Twp. 30 S. R. 32W ☐ East ☐ West County: Haskell

Name	Top	Datum
St Genevieve	5519	-2647
St Louis	5603	-2731
TD	5775	

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TREATMENT REPORT

Customer Oxy USA	Lease No. CONFIDENTIAL	Date 7/24/08
Lease Tiller	Well # 4-27	
Field Order # 20527	Station Liberal	Casing 4 1/2
		Depth 2755
Type Job 4 1/2 Longstring, CWV	Formation	Legal Description 27 1/2 33
		County Haskell
		State KS

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 Zach Walton	Station Manager Steve Bennett	Treater Chad Hine
Service Units 195.5 275.5	195.5 195.5	
Driver Names C. Hine		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
4:30					inlet gas tank, 1/2 inch
4:35					inlet gas tank, 1/2 inch
4:40					Plug R+M
4:45	70		5	35	1/20 spacer
4:50	70		10	35	CC water
4:55	70		5	3	1/20 spacer
5:00	70		12	3	super flush
5:10	70		5	3	1/20 spacer
5:17	70		0	4	4 1/2 inch A 500 12.2#
5:30	70		71	4	Switched to 5/80 per @ 13.8
8:47	0		40		Shutdown, wait up to 24
14:15	0		0	17	Start chgs
14:15	70		35	2	slow Rate
14:15	50-100		45		Plug down
14:15	100-1				Release PSI, float back
					Job Complete

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TREATMENT REPORT

Customer <i>Day USA</i>		Lease No.		Date <i>7-23-8</i>	
Lease <i>T.M.R.</i>		Well # <i>4-27</i>			
Field Order # <i>20004</i>	Station <i>Liberal</i>	Casing <i>8 3/4</i>	Depth <i>642</i>	County <i>Washita</i>	State <i>KS</i>
Type Job <i>3-1/2" well</i>			Formation	Legal Description <i>21-34-33</i>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 8 7/8"	Tubing Size	Shots/Ft		Acid 380 Gal	1500 Lbs	RATE 2.1 GPM	PRESS 17,760 psi	ISIP 17,760 psi
Depth 160'	Depth	From	To	Pre-Pad 2000 Gal	1000 Lbs	Max 1.33 FVH	5 Min.	1.33 Gal SK
Volume 38.2	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>EMM Sutton</i>			Station Manager <i>Viv Bennett</i>				Treater <i>James Clark</i>		
Service Units	<i>19991</i>	<i>19925</i>	<i>19919</i>	<i>19923</i>	<i>19682</i>	<i>19805</i>	<i>19883</i>		
Driver Names	<i>19882</i>	<i>20043</i>		<i>19801</i>	<i>19100R</i>				

[illegible]

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WICHITA, KS

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