

CONFIDENTIAL

CONFIDENTIAL

ORIGINAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM

8/26/09

cc-Jim
Form ACO-1
September 1999
Form Must Be Typed

WELL HISTORY - DESCRIPTION OF WELL & LEASE

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

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/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. _____
06/02/2008 06/03/2008 06/18/2008
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 067-21664-0000
County: Grant
NE - NE - NE - NE Sec 9 Twp. 27S S. R. 36W
200 feet from S (circle one) Line of Section
200 feet from E/W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: HOFFMAN ATU "K" Well #: 4
Field Name: Hugoton-Panoma
Producing Formation: Chase/Council Grove
Elevation: Ground: 3103.59 Kelly Bushing: 3114
Total Depth: 3141 Plug Back Total Depth: 3100
Amount of Surface Pipe Set and Cemented at 690 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 API NH 10-13-08
(Data must be collected from the Reserve Pit)
Chloride content 8400 mg/l 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 08/25/2008
Subscribed and sworn to before me this 25 day of Aug
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
Jim H.
RECEIVED
KANSAS CORPORATION COMMISSION
AUG 27 2008

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

CONSERVATION DIVISION
WICHITA, KS

ORIGINAL

CONFIDENTIAL

CONFIDENTIAL

Side Two

Operator Name: OXY USA Inc. Lease Name: Hoffman ATU "K" Well #: 4

Sec. 9 Twp. 27 S. R. 36W East West County: Grant

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 [X] No
Samples Sent to Geological Survey [X] Yes [] No
Cores Taken [] Yes [X] No
Electric Log Run [X] Yes [] No
List All E. Logs Run:
Array Compensated Resistivity
Microlog
Spectral Density Dual Spaced Neutron

Table with columns: Log Formation (Top), Depth and Datum, Sample. Rows include Hollenberg, Chase Group, Herrington, Krider, Odell, Winfield, Gage.

(See Side 3)

CASING RECORD table with columns: Purpose of String, Size Hole Drilled, Size Casing Set, Weight Lbs./ft., Setting Depth, Type of Cement, # Sacks Used, Type and Percent Additives.

ADDITIONAL CEMENTING / SQUEEZE RECORD

Table for additional cementing with columns: Purpose, Depth Top Bottom, Type of Cement, #Sacks Used, Type and Percent Additives.

PERFORATION RECORD table with columns: Shots Per Foot, Bridge Plugs Set/type, Acid, Fracture, Shot, Cement Squeeze Record, Depth.

TUBING RECORD table with columns: Size, Set At, Packer At, Liner Run.

Table for production start with columns: Date of First, Resumed Production, SWD or Enhr., Producing Method.

Table for production rates with columns: Estimated Production Per 24 Hours, Oil BBLs, Gas Mcf, Water Bbls, Gas-Oil Ratio, Gravity.

Disposition of Gas METHOD OF COMPLETION Production Interval
[] Vented [X] Sold [] Used on Lease [] Open Hole [X] Perf. [] Dually Comp. [] Commingled
[] Other (Specify)

Handwritten notes and stamps at the bottom right of the page.

CONFIDENTIAL

Side Three

Operator Name: OXY USA Inc. Lease Name: Hoffman ATU "K" Well #: 4

Sec. 9 Twp. 27 S. R. 36W East West County: _____ Grant _____

<u>Name</u>	<u>Top</u>	<u>Datum</u>
Towanda	2630	485
Fort Riley	2672	443
Matfield	2746	369
Wreford	2767	348
Council Grove Group	2787	328
A1 LM	2810	305
B1 SH	2835	280
B1 LM	2860	255
B2 SH	2869	248
B2 LM	2879	236
B3 SH	2891	224
B3 LM	2904	210
B4 SH	2911	204
B4 LM	2921	194
B5 SH	2925	190
B5 LM	2929	186

CONFIDENTIAL
AUG 26 2008
KCC

RECEIVED
KANSAS CORPORATION COMMISSION

AUG 27 2008

CONSERVATION DIVISION
WICHITA, KS

Customer <i>Oxy USA</i>	Lease No.	Date <i>6-3-08</i>
Lease <i>Hoffman ATU "K"</i>	Well # <i>4</i>	
Field Order # <i>20696</i>	Station <i>1975</i>	Casing <i>8 5/8</i>
Type Job <i>Surface</i>	Formation <i>CNW</i>	Depth <i>695</i>
		County <i>Giant</i>
		State <i>KS</i>
		Legal Description <i>9-27-36</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size <i>8 5/8</i>	Tubing Size	Shots/Ft		Acid <i>4.57 SKS A-Serve</i>	RATE	PRESS <i>2700</i>	ISIP <i>1/2" Cell</i>
Depth <i>695</i>	Depth	From	To	Pre Pad <i>210 SKS Premium</i>	Max	Concentration <i>2%</i>	5 Min. <i>1/4"</i>
Volume <i>91</i>	Volume	From	To	Pad	Min		10 Min.
Max Press <i>3000'</i>	Max Press	From	To	Frac	Avg		15 Min.
Well Connection <i>3</i>	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth <i>640</i>	Packer Depth	From	To	Flush <i>40 bbl Haz</i>	Gas Volume		Total Load

Customer Representative *Zack Nelson* Station Manager *Jerry Bennett* Treater *Garry Humphries*

Service Units	<i>19888</i>	<i>19827</i>	<i>19843</i>	<i>19805</i>	<i>19883</i>	<i>19819</i>	<i>19566</i>			
Driver Names	<i>Garry</i>	<i>Jason</i>	<i>Keatington</i>	<i>James</i>	<i>McCann</i>	<i>Marty</i>	<i>Petrie</i>			

Time	Casing Pressure	Tubing Pressure	Bbbs. Pumped	Rate	Service Log
<i>2345</i>					<i>ARRIVE on loc - Safety Meet - Rig up</i>
					<i>Safety Meet - Pre Job</i>
<i>0038</i>	CONFIDENTIAL				<i>Test Lines</i>
<i>0040</i>	<i>ALL 26 2008</i>		<i>175</i>	<i>4.8</i>	<i>Pump lean Cement @ 12.2"</i>
<i>0121</i>	<i>125</i>	<i>KCC</i>	<i>47</i>	<i>4.2</i>	<i>Pump Tail Cement @ 15"</i>
					<i>Stop Plug</i>
<i>0133</i>	<i>0</i>		<i>41</i>	<i>4.5</i>	<i>Pump Displacement</i>
<i>0150</i>	<i>200</i>		<i>40</i>	<i>2</i>	<i>Land Plug - Skut in Well</i>
<i>0151</i>	<i>0</i>				<i>Release DST</i>
<i>0155</i>					<i>safety Meeting - Post Job</i>
<i>0230</i>					<i>Crew leave Location</i>

RECEIVED
KANSAS CORPORATION COMMISSION

AUG 27 2008

CONSERVATION DIVISION
WICHITA, KS

Customer <i>Oxy USA</i>	Lease No.	Date <i>6-5-08</i>	
Lease <i>Hoffman ATU "K"</i>	Well # <i>4</i>		
Field Order # <i>20677</i>	Station <i>Liberal</i>	Casing <i>4 1/2</i>	Depth <i>3130</i>
Type Job <i>4 1/2 L.S.</i>	Formation <i>C'NW</i>	County <i>Grant</i>	State <i>KS</i>
		Legal Description <i>9-27-36</i>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
		<i>180 sk</i>		<i>A-serv Life</i>	<i>2% C.C.</i>	<i>14.2#</i>	<i>Cell Make</i>	
Depth	Depth	From	To	Pre Pad	Max		5 Min.	
		<i>2.15</i>	<i>11.26</i>	<i>11.26</i>	<i>11.26</i>	<i>11.26</i>		
Volume	Volume	From	To	Pad	Min		10 Min.	
		<i>295</i>	<i>sk</i>	<i>Minimum .67</i>	<i>FIA-115</i>			
Max Press	Max Press	From	To	Frac	Avg		15 Min.	
		<i>1.07</i>	<i>sk</i>	<i>4.42</i>	<i>16.4#</i>			
Well Connection	Annulus Vol	From	To		HHP Used		Annulus Pressure	
<i>Rat Hole</i>	<i>11.26</i>	<i>25</i>	<i>sk</i>	<i>A-serv Life</i>	<i>2.6 C.C.</i>	<i>1/4# Cell Make</i>		
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load	

Customer Representative <i>Z. Wahlen</i>	Station Manager <i>J. Bennett</i>	Treater <i>M. Cochran</i>
---	--------------------------------------	------------------------------

Service Units	<i>21955</i>	<i>8172</i>	<i>19553</i>	<i>19819</i>	<i>19566</i>				
Driver Names	<i>Cochran</i>	<i>Wahlen</i>	<i>Wahlen</i>	<i>J. Hoge</i>					

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>10:00</i>	<i>AUG 26 2008</i>				<i>on Loc. / Held Safety Meeting</i>
<i>10:15</i>	<i>4.00</i>				<i>Rig Up Equip.</i>
<i>11:00</i>					<i>Held safety meeting w/ Rig</i>
<i>11:10</i>			<i>6</i>	<i>3</i>	<i>Plug Rat Hole w/ 15sk @ 12.2#</i>
<i>11:15</i>			<i>4</i>	<i>3</i>	<i>Plug Mouse Hole w/ 10sk @ 14.2#</i>
<i>11:29</i>	<i>2500</i>				<i>Test Pump + Lines</i>
<i>11:31</i>	<i>200</i>		<i>5</i>	<i>5</i>	<i>Start Fresh H₂O</i>
<i>11:32</i>	<i>250</i>		<i>12</i>	<i>5</i>	<i>Start Mud Flush</i>
<i>11:35</i>	<i>250</i>		<i>5</i>	<i>6</i>	<i>Start Fresh H₂O</i>
<i>11:36</i>	<i>300</i>		<i>69</i>	<i>6</i>	<i>Start lead amt 180sk @ 19.2#</i>
<i>11:53</i>	<i>250</i>		<i>56</i>	<i>6</i>	<i>Start Tail amt 295sk @ 16.4#</i>
<i>12:01</i>					<i>Shutdown + Wash up</i>
<i>12:04</i>					<i>Drop Plug</i>
<i>12:08</i>	<i>200</i>		<i>6</i>	<i>6</i>	<i>Start Disp. w/ Fresh H₂O</i>
<i>12:16</i>	<i>700</i>		<i>40</i>	<i>2</i>	<i>Slow Rate</i>
<i>12:19</i>	<i>1100</i>		<i>48</i>	<i>2</i>	<i>Bump Plug</i>
<i>12:20</i>	<i>6</i>		<i>47</i>	<i>2</i>	<i>Release / float held</i>
<i>12:30</i>					<i>End Job</i>
<i>1000</i>					<i>Pressure Before Plug landed</i>

RECEIVED
KANSAS CORPORATION COMMISSION

AUG 27 2008

CONSERVATION DIVISION
WICHITA, KS