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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

9/18/09

Operator: License # 5447
Name: OXY USA Inc.
Address: P.O. Box 2528
City/State/Zip: Liberal, KS 67905
Purchaser: Unknown
Operator Contact Person: Jarod Powell
Phone: (620) 629-4200
Contractor: Name: Kenai Mid-Continent, Inc.
License: 34000
Wellsite Geologist: Loretto Petroleum Inc.
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: OXY USA, Inc.
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. _____
06/11/2008 06/15/2008 07/23/2008
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 129-21843-0000
County: Morton
- NW - NW - NW Sec 33 Twp. 34S S. R. 41W
151 feet from S (circle one) Line of Section
468 feet from E (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Wilburton Morrow Sand Unit Well #: 1108
Field Name: Wilburton
Producing Formation: Morrow
Elevation: Ground: 3442 Kelly Bushing: 3454
Total Depth: 5000 Plug Back Total Depth: 4938
Amount of Surface Pipe Set and Cemented at 1433 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 3411.54
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan ALT INH/112408
(Data must be collected from the Reserve Pit)
Chloride content 2000 mg/l ppm Fluid volume 1300 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: Jarod Powell
Title: Capital Assets Date 09/18/2008
Subscribed and sworn to before me this 18th 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

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

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Operator Name: OXY USA Inc. Lease Name: Wilburton Morrow Sand Unit Well #: 1108

Sec. 133 Twp. 34 S. R. 41W East West County: Morton

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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<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	Chase	2142	1312
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Council Grove	2429	1025
List All E. Logs Run: CBL		Topeka	3061	393
Array Sonic Microlog		Lansing	3513	-59
Spectral Density Dual Spaced Neutron		Kansas City	3819	-365
Array Compensated Resistivity		Marmaton	4090	-636
		Cherokee	4400	-946
		Atoka	4555	-1101
		Morrow	4681	-1227

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
Conductor							
Surface	12 1/4	8 5/8	24	1433	C	500	A-Con + additives
					C	200	"A" + additives
Production	7 7/8	5 1/2	17	4991	1 st stage	205	50/50 H POZ + additives
					2 nd stage	200	A-Con + 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 checked="" type="checkbox"/> Plug off Zone	4830-4866	H	25	Cl H + additives

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	4880-4900	Acid: 2000 Gals 7.5% FE Acid	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 7/8	4895		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr.	Producing Method			
08/15/2008	<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	Gas Mcf	Water Bbbs	Gas-Oil Ratio Gravity
	24	19	60	

Disposition of Gas Vented Sold Used on Lease *(If vented, Submit ACO-18)*

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled

Other (Specify) _____

Production Interval _____

Customer OKY USA	Lease No.	Date 6/12/08
Well # WMSU	Well # 11058	
Field Order # 20579	Station Liberal	Casing 6 5/8"
Type Job 8 7/8" Surface CW	Depth 1437	County Morton
	Formation	State KS
		Legal Description S3 S4 - 411

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size 6 5/8"	Tubing Size	Shots/Ft		Acid 20% H ₂ O ₂ A-Con @ 17.2 #	RATE 2.45 cc/Hr	PRESS 1154 psi	ISIP 1154 psi
Depth 1433	Depth	From	To	Pre Pad 30% CC 1/2 #	Max 17.2		5 Min.
Volume 56	Volume	From	To	Pad 20% H ₂ O ₂ A-Con @ 17.2 #	Min 17.2	30% CC, 1/4 #	10 Min.
Max Press	Max Press	From	To	Frac 20% H ₂ O ₂ "A" @ 17.2 #	Avg 17.2	1.33	15 Min
Well Connection Annulus	Annulus Vol.	From	To	20% CC 1/4 #	HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush Fresh	Gas Volume		Total Load

Customer Representative Cal White	Station Manager Cory Bonnett	Treater C. White		
Service Units 19656	19828	19919	19615	25366
Driver Names C. White	S. Ch...	M. T...		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
19:30					on loc spot truck
21:30					start Csg in hole
23:05					Csg on bottom
23:19					Break Circ.
23:45	200		0	5	Start mix A Con @ 17.2 #
00:39	200		217	5	Switch to tail @ 15 #
00:56	0		064	-	Shutdown drop plug
01:01	0		0	2	start disp waste, on Plug
01:25	650-1470		417	-	Plug down
					Release Press, start hold
					Job complete
					Thank You
					Check + Crew

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energy services, L.P.

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TREATMENT REPORT

Customer OXY USA	Lease No.	Date 6-16-08
Lease WMSU	Well # 1108	
Field Order # 20670	Station 1975	Casing 5 7/8
Type Job 2 stage Long Strings CNW	Formation	Depth 105
		County Morton
		State KS
		Legal Description 22-34-41

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 5 7/8	Tubing Size	Shots/Ft		Acid 205 SKS 50/50 P02	RATE 5% XPC-1, 5# GIL, 10% S0H, 6% FIA-115,	PRESS 1/4 # De foam	ISIP 5 Min.	
Depth 4976.15	Depth	From	To	Pre Pad	Max			
Volume 114.88	Volume	From	To	Pad 200 SKS A-Con	Min 2% CC, 1/4 # Cell		10 Min.	
Max Press 3000	Max Press	From	To	Frac 50 SKS A-Con	Avg 2% CC, 1/4 # Cell		15 Min.	
Well Connection 31	Annulus Vol.	From	To	1000gal Super Fluid	HHP Used		Annulus Pressure	
Plug Depth 4951.85	Packer Depth	From	To	Flush Mud + Water	Gas Volume		Total Load	

Customer Representative Cal Wylie	Station Manager Jerry Bennett	Treater Garry Humphries
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Service Units	1988	1927	1942	1912	1962	19804	19809				
Driver Names	Garry	Jean Arrington	Chris Rodriguez	Chris	Rodriguez						

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
15:45					Arrive On Loc. - Safety Meeting
16:00					Rig up Equip.
2000					Casing on Bottom - Circ.
2145					Safety Meeting -
2203	2500				Test Lines
2206	400		22	2.	Pump Flush 5 H2O 12 SF 5 H2O
2227	200		56	4	Pump Cement - 205 SKS 50/50 P02
2245					Drop Plug
2256	0-400		114.88	2	Pump Disp. ^{40 H2O} _{25 MUD} (DV Tool-3416)
2325	600-2000		111.9	2	Land Plug
2340	0				Drop Opening tool - wait
2400	900		.5	2	Open DV Tool - Circ. w/d
0346	400				Pump Flush - Plug Rat + Mouse
0411	200		75	5.5	Pump Cement - Lead 175 SKS A-Con
0425	100		15	4	Pump Cement - Tail 50 SKS A-Con
0430					Drop Plug
0431	0-600		79.25	4.5	Pump Disp.
0452	2400		78.75	2.5	Land Plug - Rel. Pres. - Close D.U. Tool
0500					Post Job Safety Meeting
0505					Rig down Equip.
0545					Crew Leave Loc.

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