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NOV 28 2007  
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ORIGINAL

11/28/08

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM

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: N/A  
Operator Contact Person: Rafael Bacigalupo  
Phone: (620) 629-4200  
Contractor: Name: Trinidad Drilling Limited Partnership  
License: 33784  
Wellsite Geologist: NA  
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: \_\_\_\_\_  
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. \_\_\_\_\_  
08/03/2007 08/10/2007 08/30/2007  
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 129-21811-00-00  
County: Morton  
SW - SW - NE Sec 34 Twp. 32S S. R. 43W  
2253 feet from  N (circle one) Line of Section  
2310 feet from  W (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
(circle one)  NE  SE  NW  SW  
Lease Name: FEDERAL F Well #: 1  
Field Name: Greenwood  
Producing Formation: Morrow  
Elevation: Ground: 3600 Kelly Bushing: 3612  
Total Depth: 5125 Plug Back Total Depth: 4996  
Amount of Surface Pipe Set and Cemented at 1390 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 AHJ NH 8-25-08  
(Data must be collected from the Reserve Pit)  
Chloride content 1100 mg/l ppm Fluid volume 1400 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 Project Date 11/28/2007  
Subscribed and sworn to before me this 28 day of NOV  
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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NOV 29 2007

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

CONSERVATION DIVISION  
WICHITA, KS

Operator Name: OXY USA Inc. Lease Name: FEDERAL F Well #: 1  
 Sec. 34 Twp. 32 S. R. 43W  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, 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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i>  List All E. Logs Run:      Cement Bond Log Microlog                      Array Sonic Spectral Density Dual Spaced Neutron Array Compensated Resistivity Annular Hole Volume Plot	<input checked="" type="checkbox"/> Log      Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Topeka</td> <td>2902</td> <td>710</td> </tr> <tr> <td>Lansing</td> <td>3331</td> <td>281</td> </tr> <tr> <td>Drum</td> <td>3575</td> <td>37</td> </tr> <tr> <td>Dennis</td> <td>3692</td> <td>-80</td> </tr> <tr> <td>Atoka</td> <td>4215</td> <td>-603</td> </tr> <tr> <td>Morrow</td> <td>4533</td> <td>-921</td> </tr> <tr> <td>S1</td> <td>4563</td> <td>-951</td> </tr> </table> (See Side Three)	Name	Top	Datum	Topeka	2902	710	Lansing	3331	281	Drum	3575	37	Dennis	3692	-80	Atoka	4215	-603	Morrow	4533	-921	S1	4563	-951
Name	Top	Datum																							
Topeka	2902	710																							
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Dennis	3692	-80																							
Atoka	4215	-603																							
Morrow	4533	-921																							
S1	4563	-951																							

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					C		
Surface	12 1/4	8 5/8	24	1390	C C	350 200	MID-CON+ w/3% CC P+ w/2% CC
Production	7 7/8	5 1/2	17	5107	C	170	50/50 CI H POZMIX 2/5% Cal-Set +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 <i>(Amount and Kind of Material Used)</i>	Depth
4	4642-4656		

<b>TUBING RECORD</b> Size                      Set At                      Packer At 2-3/8                      4705	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. 09/12/2007	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 35	Gas Mcf 24
Water Bbls 0	Gas-Oil Ratio Gravity

Disposition of Gas	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input checked="" type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18)</i>	<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled _____ <input type="checkbox"/> Other (Specify) _____	

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Side Three

Operator Name: OXY USA Inc. Lease Name: FEDERAL F Well #: 1

Sec. 34 Twp. 32 S. R. 43W  East  West County: Morton

<u>Name</u>	<u>Top</u>	<u>Datum</u>
L2	4644	-1032
Indian Belly	4856	-1244
S2	4941	-1329
Keyes	4977	-1365
Mississippian	5021	-1409
 TD:	 5125	

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WICHITA, KS



OXY USA Inc.  
1701 N. Kansas  
P.O. Box 2528  
Liberal, Kansas 67905

November 28, 2007

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

RE: FEDERAL F-1  
NE/4 S-34 R-32S T-43W  
Morton County, Kansas  
API # 15-129-21811

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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WICHITA, KS



OXY USA Inc.  
1701 N. Kansas  
P.O. Box 2528  
Liberal, Kansas 67905

August 20, 2008

Kansas Corporation Commission  
Attn: Naomi Hollon, Production Dept  
Wichita State Office Bldg.  
130 South Market  
Wichita KS 67202-3802

RE: OXY USA Inc.  
FEDERAL "F" #1  
Sec-34 T-32S R-43W  
Morton County, Kansas  
API No. 15-129-21811-00-00

Dear Ms. Hollon:

As requested, enclosed herewith please find cementing reports for both the surface and production casings on the above referenced well.

If there are any questions or you require further information, please contact me at the above address or by phone at (620) 629-4214.

Sincerely,

A handwritten signature in cursive script that reads "Vonda Freeman". The signature is written in black ink and is positioned above the printed name and phone number.

Vonda Freeman  
(620) 629-4214

Enclosures - 3

cc: Well File

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CONSERVATION DIVISION  
WICHITA, KS

The Road to Excellence Starts with Safety

Sold To #: 348005	Ship To #: 2590682	Quote #:	Sales Order #: 5280011
Customer: OXY HUGOTON EBUSINESS		Customer Rep: Wylie, Cal	
Well Name: Federal	Well #: F#1	API/UWI #:	
Field:	City (SAP): UNKNOWN	County/Parish: Morton	State: Kansas
Contractor: Cheyenne Drilling		Rig/Platform Name/Num: 1616	
Job Purpose: Cement Surface Casing			
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: HESTON, MYRON		Srvc Supervisor: OLIPHANT, CHESTER	MBU ID Emp #: 243055

### Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
byrd, john	3.5	361417	CHAVEZ, ERIK Adrain	4.5	324693	OLDS, ROYCE E	3.5	306196
OLIPHANT, CHESTER C	4.5	243055						

### Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10704310	60 mile	10744298C	60 mile	10897879	60 mile	10988832	60 mile
54219	60 mile	6611U	60 mile	77031	60 mile	D0315	60 mile

### Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
<b>TOTAL</b>			<i>Total is the sum of each column separately</i>					

### Job

### Job Times

Formation Name	Formation Depth (MD) Top	Bottom	Called Out	Date	Time	Time Zone
				05 - Aug - 2007	08:00	EST
Form Type		BHST	On Location	05 - Aug - 2007	11:30	EST
Job depth MD	1395. ft	Job Depth TVD	Job Started	05 - Aug - 2007	13:45	EST
Water Depth		Wk Ht Above Floor	Job Completed	05 - Aug - 2007	15:00	EST
Perforation Depth (MD) From		To	Departed Loc	05 - Aug - 2007	16:00	EST

### Well Data

Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD Ft	Top TVD ft	Bottom TVD ft
Surface Hole				12.25					1395.		
Surface Casing	Used		8.625	8.097	24.				1395.		

### Sales/Rental/3<sup>rd</sup> Party (HES)

Description	Qty	Qty uom	Depth	Supplier
PLUG,CMTG, TOP, 8 5/8, HWE, 7.20 MIN/8.09 MA	1	EA		

### Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug			
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container			
Stage Tool										Centralizers			

### Miscellaneous Materials

Gelling Agt	Conc	Surfactant	Conc	Acid Type	Qty	Conc	%
Treatment Fld	Conc	Inhibitor	Conc	Sand Type	Size	Qty	

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WICHITA, KS

Fluid Data									
Stage/Plug #: 1									
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft <sup>3</sup> /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	Lead Cement	MIDCON-2 CEMENT PREMIUM PLUS - SBM (15079)	350.0	sacks	11.4	2.96	18.14		18.14
	3 %	CALCIUM CHLORIDE - HI TEST PELLET (100005053)							
	0.25 lbm	POLY-E-FLAKE (101216940)							
	0.1 %	WG-17, 50 LB SK (100003623)							
	18.138 Gal	FRESH WATER							
2	Tail Cement	CMT - PREMIUM PLUS CEMENT (100012205)	200.0	sacks	14.8	1.34	6.32		6.32
	94 lbm	CMT - PREMIUM PLUS - CLASS C REG OR TYPE III, BULK (100012205)							
	6.324 Gal	FRESH WATER							
	2 %	CALCIUM CHLORIDE - HI TEST PELLET (100005053)							
	0.25 lbm	POLY-E-FLAKE (101216940)							
3	Displacement		106.00	bbl	8.33	.0	.0	.0	
Calculated Values			Pressures			Volumes			
Displacement		Shut In: Instant		Lost Returns		Cement Slurry		Pad	
Top Of Cement		5 Min		Cement Returns		Actual Displacement		Treatment	
Frac Gradient		15 Min		Spacers		Load and Breakdown		Total Job	
Rates									
Circulating		Mixing		Displacement		Avg. Job			
Cement Left In Pipe	Amount	40 ft	Reason	Shoe Joint					
Frac Ring # 1 @	ID	Frac ring # 2 @	ID	Frac Ring # 3 @	ID	Frac Ring # 4 @	ID		
The Information Stated Herein Is Correct				Customer Representative Signature <i>P.M. Ugi</i>					

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CONSERVATION DIVISION  
WICHITA, KS

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Sold To #: 348005	Ship To #: 2590682	Quote #:	Sales Order #: 5280011
Customer: OXY HUGOTON EBUSINESS		Customer Rep: Wylie, Cal	
Well Name: Federal	Well #: F#1	API/UWI #:	
Field:	City (SAP): UNKNOWN	County/Parish: Morton	State: Kansas
Legal Description:			
Lat:		Long:	
Contractor: Cheyenne Drilling		Rig/Platform Name/Num: 1616	
Job Purpose: Cement Surface Casing			Ticket Amount:
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: HESTON, MYRON		Srvc Supervisor: OLIPHANT, CHESTER	MBU ID Emp #: 243055

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	08/05/2007 08:00							SECOND CALL / GO TO LOCATION ASAP
Safety Meeting	08/05/2007 10:00							
Arrive at Location from Service Center	08/05/2007 11:30							RIG CIRCULATING CASING ON BOTTOM @ 1392 FT / STANDBY UNTIL HALLIBURTON READY
Assessment Of Location Safety Meeting	08/05/2007 11:35							
Safety Meeting - Pre Rig-Up	08/05/2007 11:40							
Rig-Up Equipment	08/05/2007 11:45							
Safety Meeting - Pre Job	08/05/2007 13:40							
Start Job	08/05/2007 13:53							
Test Lines	08/05/2007 13:54						2500.0	
Pump Lead Cement	08/05/2007 13:58		6.5	185	0		225.0	350 SK MIDCON II @ 11.4 PPG
Pump Tail Cement	08/05/2007 14:25		6	48	185		125.0	200 SK PREM PLUS @ 14.8 PPG
Shutdown	08/05/2007 14:36				233		75.0	FINISHED MIXING CEMENT
Drop Plug	08/05/2007 14:37							HWE TOP PLUG
Pump Displacement	08/05/2007 14:38		7	85	0		70.0	FRESH WATER DISPLACEMENT
Displ Reached Cmnt	08/05/2007 14:47		7		25		235.0	

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WICHITA, KS



Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Other	08/05/2007 14:52		2		65	415.0	320.0	SLOW RATE TO STAGE CEMENT AND LAND PLUG
Bump Plug	08/05/2007 14:58		2		85		400.0	
Pressure Up	08/05/2007 14:59						1100.0	TEST CASING AND FLOAT
Release Casing Pressure	08/05/2007 15:00				85		.0	FLOAT HOLDING / CIRCULATED CEMENT TO PIT
Safety Meeting - Pre Rig-Down	08/05/2007 15:05							
Rig-Down Equipment	08/05/2007 15:10							THANK YOU FOR CALLING HALLIBURTON
End Job	08/05/2007 16:00							CHESTER AND CREW

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WICHITA, KS

Sold To #: 348005

Ship To #: 2590682

Quote #:

Sales Order #: 5280011

SUMMIT Version: 7.20.130

Sunday, August 05, 2007 03:26:00

Customer: <u>Oxy USA</u>	Lease No.	Date: <u>8-10-07</u>			
Leas: <u>Federal</u>	Well #: <u>F-1</u>				
Field Order # <u>14984</u>	Station <u>Liberal</u>	Casing <u>5 1/2</u>	Depth <u>5110</u>	County <u>Morton</u>	State <u>KS</u>
Type Job <u>5 1/2" long string</u>	(CNU)	Formation	Legal Description <u>7-33-42</u>		

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 <u>Water</u>	Gas Volume		Total Load	

Customer Representative: <u>Cal White</u>	Station Manager: <u>Jerry Bennett</u>	Treater: <u>Kirby Harper</u>							
Service Units	19816	19631	19819	19808					
Driver Names	<u>Kemper</u>	<u>Jones</u>	<u>Combs</u>	<u>...</u>					

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1200					On Loc - Spot & Run no
1400					Casing on Bottom - Break Circ.
1732		200	43	55	Mix 710 Sk 50/50 Pz @ 13.8 PPG
1741					Shut down - clean lines - drop plug
1747		200	0	56	Displace with 1174-1
1803		300	82	4	Displacement Reaches Cement
1811		600	107	2	Slow Rate
1815		500-1300	117		Bump Plug
1816		1800-0			Release Pressure - Float Held
					Job Complete

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