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KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1

September 1999

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Form Must Be Typed

ORIGINAL

Operator: License # 5447

Name: OXY USA Inc.

Address: P.O. Box 2528

City/State/Zip: Liberal, KS 67905

Purchaser: Duke Energy

Operator Contact Person: Greg Rowe

Phone: (620) 629-4200

Contractor: Name: Cheyenne Drilling, LP

License: 33375

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. _____

03/25/05 03/27/05 05/20/05

Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - 067-21607-0000

County: Grant

NW - NW - SE - SE Sec 13 Twp. 29 S. R. 36W

1250 feet from 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: Devoe A Well #: 4

Field Name: Panoma

Producing Formation: Council Grove

Elevation: Ground: 3028 Kelly Bushing: 3033

Total Depth: 3165 Plug Back Total Depth: 3117

Amount of Surface Pipe Set and Cemented at 743 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 ALT IWHM

(Data must be collected from the Reserve Pit) 4-23-07

Chloride content 3200 mg/l ppm Fluid volume 900 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: Wicki Gardner

Title: Capital Project Date July 18, 2005

Subscribed and sworn to before me this 18 day of July

20 05

Notary Public: Anita Peterson

Date Commission Expires: Oct 1, 2005

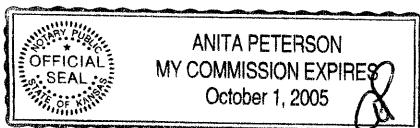
KCC Office Use Only

YES Letter of Confidentiality Attached
If Denied, Yes Date: _____

_____ Wireline Log Received

_____ Geologist Report Received

_____ UIC Distribution



X

Side Two

Operator Name: OXY USA Inc. Lease Name: Deyoe A Well #: 4
 Sec. 13 Twp. 29 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 <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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Hollenberg	2486	547
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Chse Grp	2511	522
List All E. Logs Run: Neutron	TracerScan	Paddock	2530	503
CBL		Krider	2537	496
		Odell	2561	472
		Winfield	2577	456
		B/Wnf LM	2590	443
		(See Side Three)		

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	743	C	175	35/65 Poz + Additives
					C	195	Class C + Additives
Production	7 7/8	4 1/2	10.5	3160	H	445	Prem + Additives
					H	150	Prem + 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	2884,2900, 2873-2880, 2864-2867		
3	2844-2859		
2	2834-2841, 2820-2831	Frac - 18,136 gls ClearFRAC LT @ 75%N2, 102,098#	
		12/20 Sand	

TUBING RECORD	Size 2 3/8	Set At 2948	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. 06/23/05	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	Gas Mcf 98	Water Bbls 2	Gas-Oil Ratio Gravity

Disposition of Gas Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled _____
 (If vented, Submit ACO-18) Other (Specify) _____

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled _____
 Other (Specify) _____

Production Interval _____

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Side Three

Operator Name: OXY USA Inc. Lease Name: Deyoe A Well #: 4
Sec. 13 Twp. 29 S. R. 36W East West County: Grant

Name	Top	Datum
Gage	2616	417
Towanda	2646	387
B/TWND	2682	351
Fort Riley	2695	338
FLRNC	2744	289
Matfield	2760	273
Wreford	2784	249
CGRV GRP	2812	221
A1 LM	2833	200
B1 SH	2869	164

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Schlumberger

Cementing Service Report

ORIGINAL

Customer OXY USA, INC.	Job Number 2205547983
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Well Deyoe 'A' 4	Location (legal) Sec 13 - 29S - 36W	Schlumberger Location Perryton, TX	Job Start 2005-Mar-25
Field	Formation Name/Type KCO	Deviation	Bit Size 12.3 in
County Grant	State/Province Kansas	BHP psi	Well MD 744 ft
Well Master: 0630675652	API / UWI: CONFIDENTIAL	BHST 88 °F	BHCT 85 °F
Rig Name CHEYENNE 8	Drilled For Gas	Service Via	Pore Press. Gradient psi/ft
Offshore Zone	Well Class New	Well Type Development	Casing/Liner
Drilling Fluid Type Bentonite	Max. Density 9.3 lb/gal	Plastic Vt cp	Depth, ft 743
Service Line Cementing	Job Type Cem Surface Casing		Size, in 8.63
Max. Allowed Tubing Pressure 1000 psi	Max. Allowed Ann. Pressure psi	WellHead Connection 8 5/8" H&S M	Weight, lb/ft 24
Service Instructions CEMENT 8 5/8" SURFACE CASING WITH: 10 BBL FRESH WATER 175 SK 35:65 POZ C + 6% D020 + 2% S001 + 0.5 pps D029 195 SK CLASS C + 2% S001 + 0.25 pps D029 DISPLACE WITH FRESH WATER			Grade 8RD
Casing/Tubing Secured <input type="checkbox"/>	1 Hole Volume Circulated prior to Cementing <input type="checkbox"/>		Thread 8RD
Lift Pressure: 250 psi	Pipe Rotated <input type="checkbox"/>	Pipe Reciprocated <input type="checkbox"/>	Depth, ft
No. Centralizers: Top Plugs: 1	Bottom Plugs:		Size, in
Cement Head Type: Single	Job Scheduled For: 2005-Mar-25 20:30	Arrived on Location: 2005-Mar-25 20:30	Weight, lb/ft
		Leave Location:	Grade
			Thread
			Depth, ft
			Size, in
			Weight, lb/ft
			Grade
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			Depth, ft
			Size, in
			Weight, lb/ft

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Well		Field			Service Date		Customer		Job Number
Deyoe 'A' #4					0584-Mar-25		OXY USA, INC.		2205547983
Date	Time	Pressure	Density	PumpRate	0	0	0	0	Message
	24 hr clock	psi	lb/gal	bbt/min	0	0	0	0	
2005-Mar-26	0:16	169	12.11	6.0	0	0	0	0	
2005-Mar-26	0:17	156	12.25	6.1	0	0	0	0	
2005-Mar-26	0:18	146	12.30	6.2	0	0	0	0	
2005-Mar-26	0:19	142	12.25	6.3	0	0	0	0	
2005-Mar-26	0:20	142	12.21	6.3	0	0	0	0	
2005-Mar-26	0:21	124	12.21	5.7	0	0	0	0	
2005-Mar-26	0:21	124	12.24	5.7	0	0	0	0	
2005-Mar-26	0:22	124	12.24	5.8	0	0	0	0	
2005-Mar-26	0:23	142	12.24	6.3	0	0	0	0	
2005-Mar-26	0:24	128	12.22	5.8	0	0	0	0	
2005-Mar-26	0:25	128	12.21	5.9	0	0	0	0	
2005-Mar-26	0:26	128	12.43	5.8	0	0	0	0	
2005-Mar-26	0:26	128	12.50	5.9	0	0	0	0	
2005-Mar-26	0:26								Reset Total, Vol = 67.82 bbl
2005-Mar-26	0:26								Start Mixing Tail Slurry
2005-Mar-26	0:26	137	13.04	5.8	0	0	0	0	
2005-Mar-26	0:26	151	13.75	5.8	0	0	0	0	
2005-Mar-26	0:27	165	14.53	5.3	0	0	0	0	
2005-Mar-26	0:28	137	14.72	5.2	0	0	0	0	
2005-Mar-26	0:29	142	14.76	5.2	0	0	0	0	
2005-Mar-26	0:30	169	15.01	5.6	0	0	0	0	
2005-Mar-26	0:31	179	15.04	5.8	0	0	0	0	
2005-Mar-26	0:31	179	14.93	5.7	0	0	0	0	
2005-Mar-26	0:32	174	14.88	5.8	0	0	0	0	
2005-Mar-26	0:33	174	14.72	5.8	0	0	0	0	
2005-Mar-26	0:34	169	14.37	5.8	0	0	0	0	
2005-Mar-26	0:35	64	14.45	2.7	0	0	0	0	
2005-Mar-26	0:36	-9	9.62	0.0	0	0	0	0	
2005-Mar-26	0:36	-5	9.50	0.0	0	0	0	0	
2005-Mar-26	0:37	-9	9.51	0.0	0	0	0	0	
2005-Mar-26	0:38	-5	9.50	0.0	0	0	0	0	
2005-Mar-26	0:39	-9	9.47	0.0	0	0	0	0	
2005-Mar-26	0:40	-5	9.47	0.0	0	0	0	0	
2005-Mar-26	0:41	-9	9.48	0.0	0	0	0	0	
2005-Mar-26	0:41	-9	9.41	0.0	0	0	0	0	
2005-Mar-26	0:42	-9	9.32	0.0	0	0	0	0	
2005-Mar-26	0:43	-9	9.28	0.0	0	0	0	0	
2005-Mar-26	0:44	-5	9.24	0.0	0	0	0	0	
2005-Mar-26	0:45	-9	9.21	0.0	0	0	0	0	
2005-Mar-26	0:46	-5	9.18	0.0	0	0	0	0	
2005-Mar-26	0:46	-9	9.17	0.0	0	0	0	0	
2005-Mar-26	0:47	-5	9.15	0.0	0	0	0	0	
2005-Mar-26	0:47								Reset Total, Vol = 50.42 bbl
2005-Mar-26	0:47	-9	9.15	0.0	0	0	0	0	
2005-Mar-26	0:47	-5	9.15	0.0	0	0	0	0	
2005-Mar-26	0:47								Drop Top Plug
2005-Mar-26	0:47	-9	9.15	0.0	0	0	0	0	
2005-Mar-26	0:47								Start Displacement
2005-Mar-26	0:48	50	9.12	4.9	0	0	0	0	
2005-Mar-26	0:49	96	8.73	5.6	0	0	0	0	
2005-Mar-26	0:50	96	8.38	5.8	0	0	0	0	
2005-Mar-26	0:51	137	8.41	5.8	0	0	0	0	
2005-Mar-26	0:51	169	8.38	6.0	0	0	0	0	
2005-Mar-26	0:52	192	8.39	5.4	0	0	0	0	

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Well		Field			Service Date		Customer		Job Number	
Deyoe 'A' #4					0584-Mar-25		OXY USA, INC.		2206547983	
Date	Time	Pressure	Density	PumpRate	0	0	0	0	Message	
	24 hr clock	psi	lb/gal	bbbl/min	0	0	0	0		
2005-Mar-26	0:53	220	8.38	5.4	0	0	0	0	KCC	
2005-Mar-26	0:54	243	8.38	5.4	0	0	0	0	JUL 18 2005	
2005-Mar-26	0:55	197	8.38	2.2	0	0	0	0	CONFIDENTIAL	
2005-Mar-26	0:56	211	8.38	2.5	0	0	0	0		
2005-Mar-26	0:56	220	8.38	2.4	0	0	0	0		
2005-Mar-26	0:57	229	8.38	2.4	0	0	0	0		
2005-Mar-26	0:58	668	8.38	0.0	0	0	0	0		
2005-Mar-26	0:59	-5	8.38	0.0	0	0	0	0		
2005-Mar-26	1:00	37	8.38	0.0	0	0	0	0		
Post Job Summary										
Average Pump Rates, bpm					Volume of Fluid Injected, bbl					
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2			
5.28			6.42	118	0	10				
Treating Pressure Summary, psi					Breakdown Fluid					
Maximum	Final	Average	Bump Plug to	Breakdown	Volume	Density				
2357.39		152.46	668		Volume	lb/gal				
Avg. N2 Percent		Designed Slurry Volume	Displacement	Mix Water Temp	<input checked="" type="checkbox"/> Cement Circulated to Surface?	Volume	47	bbbl		
		115 bbl	43 bbl	°F	<input type="checkbox"/> Washed Thru Perfs	To	ft			
Customer or Authorized Representative			Schlumberger Supervisor			<input type="checkbox"/> CirculationLost		<input checked="" type="checkbox"/> Job Completed		
WYLIE, CAL			Grella Chacon, Miguel							

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Date	03/25/05
Company	OXY USA
Job Number	2205547983
Well Name	DEYOE
Well Number	A' 4
County	GRANT
State	KS

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Schlumberger

Pipe Size	8 5/8	
Pipe Weight	24	24
Pipe Depth	743.1	
Shoe Length	43.1	2.75 STV
Insert Depth	700	
Hole Size	12 1/4	
Hole Depth	744	

1st System	
175 sacks	35/65 POZ/C
2.18 yield	D20, S1, D29
12.2 weight	
12.3 water	51.2
cubic ft.	382
height	924
bbls	67.9

102	Pipe Volume	47
	Annular Volume	55
	Total Cement	114
	Total Water	125

Pipe Factor	0.0637	0.0637
Annular Factor	0.0735	
Height Factor	2.4231	

2nd System	
195 sacks	C
1.34 yield	S1, D29
14.8 weight	
6.35 water	29
cubic ft.	261
height	633
bbls	46.5

Casing lift 305
 Cement lift 212

3rd System	
0 sacks	
0 yield	
0 weight	
0 water	0
cubic ft.	0
height	0
bbls	0

Test 1500

0 Mud

10 Spacer

68 Lead 12.2

47 Tail 14.8

44.6 Displacement

1000 Maximum Pressure

4th System	
sacks	
yield	
weight	
water	0
cubic ft.	0
height	0
bbls	0

Pump time @ 6 BPM

27 MIN