

CONFIDENTIAL

RELEASED

RECEIVED

MAR 20 2003

KCC WICHITA

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

JAN 04 2005

Form ACO-1
September 1999

WELL COMPLETION FORM FROM CONFIDENTIAL

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: NA
 Operator Contact Person: Vicki Carder **KCC**
 Phone: (620) 629-4200 **MAR 18 2003**
 Contractor: Name: Murfin Drilling Company, Inc.
 License: 30606 **CONFIDENTIAL**
 Wellsite Geologist: Tom Heflin
 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: 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. _____
11/24/02 12/03/02 12/04/02
 Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - 067-21497-0000
 County: Grant
 _____ - _____ - CW/2 - NE Sec 13 Twp. 27 S. R. 36W
1365 feet from S (circle one) Line of Section
1965 feet from E W (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW SW
 Lease Name: Algrim A Well #: 1
 Field Name: Un-named
 Producing Formation: P&A
 Elevation: Ground: 3092 Kelly Bushing: 3103
 Total Depth: 5660 Plug Back Total Depth: _____
 Amount of Surface Pipe Set and Cemented at 1910 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.

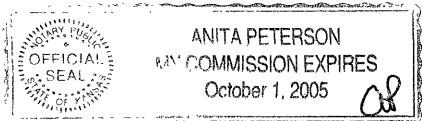
Drilling Fluid Management Plan *P&A Co 3-26-03*
 (Data must be collected from the Reserve Pit)
 Chloride content 1000 ppm Fluid volume 600 bbls
 Dewatering method used Evaporation
 Location of fluid disposal if hauled offsite: _____
 Operator Name: _____
 Lease Name: _____ License No.: _____
 Quarter _____ 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: Vicki Carder
 Title: Capital Project Date March 18, 2003
 Subscribed and sworn to before me this 18th day of March
20 03
 Notary Public: Anita Peterson
 Date Commission Expires: Oct. 1, 2005

KCC Office Use Only
 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: Algrim A Well #: 1
 Sec. 13 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 <i>(Attach Additional Sheets)</i>	<input checked="" type="checkbox"/> Yes <input 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	Heebner	3920	-815
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Toronto	3933	-828
List All E. Logs Run:	Digital Acoustilog Induction	Lansing	3968	-863
	Neutron Geological Report	Marmaton	4585	-1480
	Multipole Array Acoustilog	Cherokee	4730	-1625
		Atoka	4989	-1884
		Morrow	5078	-1973
		(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	1910	C	750	35:65 POZ C, 6% Bentonite, 2% CC, .25 Flocele
Production					C		

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
	3100' w/100 sxs		
	1920' w/50 sxs		
	800' w/40 sxs		
	350' w/40 sxs		
	40' w/10 sxs		

TUBING RECORD	Size NA	Set At NA	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. NA	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input checked="" type="checkbox"/> Other (Explain) P&A			
Estimated Production Per 24 Hours	Oil BBLs	Gas Mcf	Water Bbls	Gas-Oil Ratio Gravity

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

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify) P&A

Production Interval: _____

CONFIDENTIAL

ORIGINAL

Side Three

Operator Name: OXY USA Inc. Lease Name: Algrim A Well #: 1

Sec. 13 Twp. 27 S. R. 36W East West County: Grant

Name	Top	Datum
Chester	5293	-2188
St. Genieve	5468	-2363
St. Louis	5539	-2434

RELEASED

JAN 04 2005

FROM CONFIDENTIAL

KCC

MAR 18 2003

CONFIDENTIAL

RECEIVED

MAR 20 2003

KCC WICHITA

CONFIDENTIAL

ORIGINAL

KCC

MAR 18 2003

RELEASED

JAN 04 2005

ALGRIM A-1

SURFACE JOB

LEAD

CONFIDENTIAL

FROM CONFIDENTIAL

379 SACKS OF 35:65 POZ C +6%D20(BENTONITE)+2%S1(CALCIUM CHLORIDE)
+0.25 D29 (CELLOPHANE FLAKES)

CODE	ADDITIVE	TOTAL QUANTITY	UNITS
D903	CLASS C	35,626.00	LB
D132	POZ	10479.35	LB
D020	BENTONITE	2018.2	LB
D029	CELLOPHANE FLAKES	94.75	LB
S001	ACCELERATOR CALCIUM CHLORIDE	712.52	LB

DENSITY 12.2
YIELD 2.18
H2O MIX 11.878

TAIL

150 SACKS CLASS C+2%S1(CALCIUM CHLORIDE)

+0.25 PPS D29(CELLOPHANE FLAKES)

DENSITY 14.8
YIELD 1.34
H2O MIX 6.33

CODE	ADDITIVE	TOTAL QUANTITY	UNITS
D903	CLASS C	14100	LB
S001	ACCELERATOR CALCIUM CHLORIDE	282	LB
D029	CELLOPHANE FLAKES	37.5	LB

RECEIVED

MAR 20 2003

KCC WICHITA

Cementing Service Report

Well		Customer		KCC		Job Number		2205440563	
ALGRIM A-1		Location		MAR 18 2003		Schlumberger Location		Ulysses, KS	
Field		Formation Name/Type		CONFIDENTIAL		Deviation		Well MD	
Gove		State/Province		KS		Bit Size		1,909 ft	
Well Master: 0630458791		API / UWI:		BHP		BHST		BHCT	
Rig Name		Drilled For		Service Via		Depth, ft		Size, in	
murphin		Gas		Land					
Offshore Zone		Well Class		Well Type		Weight, lb/ft		Grade	
		New		Development				RELEASED	
Drilling Fluid Type		Max. Density		Plastic Viscosity		Depth, ft		Size, in	
Lime		9.4 lb/gal		32					
Service Line		Job Type		Casing/Liner		Depth, ft		Size, in	
Cementing		Cem Surface Casing		Grade					
Max. Allowed Tubing Pressure		Max. Allowed Ann. Pressure		WellHead Connection		Weight, lb/ft		Grade	
psi		psi						Thread	
Service Instructions		Perforations/Open Hole		Top, ft		Bottom, ft		spf	
Safely Cement Surface Casing per customers request								No. of Shots	
RECEIVED								Total Interval	
MAR 20 2003								ft	
Casing/Tubing Secured		1 Hole Volume Calculated		Cementing		Treat Down		Displacement	
<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		Casing		118.8 bbl	
Lift Pressure:		300 psi		Shoe Type:		Guide		Squeeze Job	
Pipe Rotated		<input type="checkbox"/>		Pipe Reciprocated		Shoe Depth:		1909 ft	
No. Centralizers:		5		Top Plugs:		1		Bottom Plugs:	
Cement Head Type:		Single		Stage Tool Type:		ft		Tool Depth:	
Job Scheduled For:		Arrived on Location:		Leave Location:		Collar Type:		Tail Pipe Size:	
2002-Nov-25		22:30		2002-Nov-26		2:00		ft	
Collar Depth:		ft		Sqz Total Vol:		bbl		bbl	
Date	Time	Treating Pressure	CMT VOL	CMT DENS	CMT RATE	0	0	0	Message
	24 hr clock	psi	bbl	lb/gal	bbl/min	0	0	0	
2002-Nov-25	23:48	0	0.0	8.36	0.0	0	0	0	
2002-Nov-25	23:48								Start Job
2002-Nov-25	23:48	0	0.0	8.36	0.0	0	0	0	
2002-Nov-25	23:49								Pressure Test Lines
2002-Nov-25	23:49	0	0.0	8.36	0.0	0	0	0	
2002-Nov-25	23:49								Start Pumping Spacer
2002-Nov-25	23:49	0	0.0	8.36	0.0	0	0	0	
2002-Nov-25	23:49								Reset Total, Vol = 0.01 bbl
2002-Nov-25	23:49	0	0.0	8.36	0.4	0	0	0	
2002-Nov-25	23:52	14	0.5	8.36	0.0	0	0	0	
2002-Nov-25	23:54								Reset Total, Vol = 8.25 bbl
2002-Nov-25	23:54	169	8.2	8.35	5.0	0	0	0	
2002-Nov-25	23:54								Reset Total, Vol = 2.69 bbl
2002-Nov-25	23:54	174	2.7	8.36	5.0	0	0	0	
2002-Nov-25	23:54								Reset Total, Vol = 0.08 bbl
2002-Nov-25	23:54	174	0.1	8.36	5.0	0	0	0	
2002-Nov-25	23:54	183	0.3	8.38	5.0	0	0	0	
2002-Nov-25	23:54								End Spacer
2002-Nov-25	23:54	174	0.5	9.09	5.0	0	0	0	
2002-Nov-25	23:54								Start Mixing Lead Slurry
2002-Nov-25	23:55	192	2.1	11.76	5.1	0	0	0	
2002-Nov-25	23:55								mixing 600 sks of lead

CONFIDENTIAL

ORIGINAL

Well		Field				Service Date		Customer		Job Number
ALGRIM #A-1						02329-Nov-25		OXY USA, INC.		2205440563
Date	Time	Treating Pressure	CMT VOL	CMT DENS	CMT RATE	0	0	0	Message	
	24 hr clock	psi	bbl	lb/gal	bbl/min	0	0	0		
2002-Nov-25	23:55	220	3.8	13.05	5.1	0	0	0	KCC	
2002-Nov-25	23:58	211	21.3	12.96	5.2	0	0	0	MAR 18 2003	
2002-Nov-26	0:02	169	38.8	12.04	5.2	0	0	0		
2002-Nov-26	0:05	169	56.4	12.45	5.3	0	0	0		
2002-Nov-26	0:08	160	73.9	11.89	5.3	0	0	0	CONFIDENTIAL	
2002-Nov-26	0:12	151	91.4	12.01	5.2	0	0	0		
2002-Nov-26	0:15	156	109.0	12.05	5.2	0	0	0	RELEASED	
2002-Nov-26	0:18	174	126.7	12.47	5.4	0	0	0		
2002-Nov-26	0:22	146	144.8	11.67	5.4	0	0	0		
2002-Nov-26	0:25	137	163.0	12.15	5.4	0	0	0	IAN U 4 2005	
2002-Nov-26	0:28	165	181.1	12.17	5.4	0	0	0		
2002-Nov-26	0:32	156	199.2	12.58	5.4	0	0	0	FROM CONFIDENTIAL	
2002-Nov-26	0:35	165	217.3	12.34	5.4	0	0	0		
2002-Nov-26	0:37	169	226.7	12.71	5.4	0	0	0		
2002-Nov-26	0:37								Reset Total, Vol = 226.73 bbl	
2002-Nov-26	0:37								End Lead Slurry	
2002-Nov-26	0:37	179	0.4	12.94	5.4	0	0	0		
2002-Nov-26	0:37	183	0.5	13.08	5.4	0	0	0		
2002-Nov-26	0:37								Start Mixing Tail Slurry	
2002-Nov-26	0:38	215	8.8	14.67	5.4	0	0	0		
2002-Nov-26	0:42	220	26.9	15.20	5.4	0	0	0		
2002-Nov-26	0:44								Reset Total, Vol = 37.61 bbl	
2002-Nov-26	0:44	55	37.6	2.84	0.0	0	0	0		
2002-Nov-26	0:44	50	0.0	2.10	0.0	0	0	0		
2002-Nov-26	0:44								End Tail Slurry	
2002-Nov-26	0:44								Drop Top Plug	
2002-Nov-26	0:44	55	0.0	1.52	0.0	0	0	0		
2002-Nov-26	0:44								Start Displacement	
2002-Nov-26	0:44	55	0.0	1.31	0.0	0	0	0		
2002-Nov-26	0:45	50	0.0	9.34	0.0	0	0	0		
2002-Nov-26	0:48	64	0.1	9.42	1.4	0	0	0		
2002-Nov-26	0:52	101	15.3	7.94	6.4	0	0	0		
2002-Nov-26	0:53								End Displacement	
2002-Nov-26	0:53								End Displacement	
2002-Nov-26	0:53								Start Displacement	
2002-Nov-26	0:53	133	20.7	8.37	6.3	0	0	0		
2002-Nov-26	0:55	197	36.9	8.37	6.6	0	0	0		
2002-Nov-26	0:58	247	59.0	8.38	6.6	0	0	0		
2002-Nov-26	1:02	334	81.0	8.38	6.6	0	0	0		
2002-Nov-26	1:05	476	102.9	8.38	6.6	0	0	0		
2002-Nov-26	1:08	481	116.9	8.38	2.7	0	0	0		
2002-Nov-26	1:12	453	122.6	8.38	0.0	0	0	0		
2002-Nov-26	1:15	499	124.2	8.38	0.0	0	0	0		
2002-Nov-26	1:18	41	124.2	8.38	0.0	0	0	0		

RECEIVED
MAR 20 2003
KCC WICHITA

CONFIDENTIAL

ORIGINAL

Well ALGRIM #A-1		Field		Service Date 02329-Nov-25		Customer OXY USA, INC.		Job Number 2205440563	
Date	Time 24 hr clock	Treating Pressure psi	CMT VOL bbl	CMT DENS lb/gal	CMT RATE bbl/min	0	0	0	Message
Post Job Summary									
Average Pump Rates, bpm				Volume of Fluid Injected, bbl					
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2		
			6.6	263		10			
Treating Pressure Summary, psi					Breakdown Fluid				
Maximum	Final	Average	Bump Plug to	Breakdown	Volume		Density		
770	440	290	850		bbl		lb/gal		
Avg. N2 Percent	Designed Slurry Volume		Displacement		Mix Water Temp	Cement Circulated to Surface?		Volume	
%	262 bbl		119 bbl		45 °F	<input checked="" type="checkbox"/>		6 bbl	
Customer or Authorized Representative			Schlumberger Supervisor			Washed Thru Perfs		To	
FILLPOT, GREGG,			<i>[Signature]</i>			Camargo, Jose		<input type="checkbox"/> CirculationLost	
								<input checked="" type="checkbox"/> Job Completed	

RELEASED

KCC

JAN 04 2005

MAR 18 2003

CONFIDENTIAL FROM CONFIDENTIAL

RECEIVED
MAR 20 2003
KCC WICHITA

CONFIDENTIAL

ORIGINAL

RECEIVED

TREATMENT REPORT



MAR 20 2003

WICHITA

Customer ID	Date
Customer Oxy USA Inc	12-3-02
Lease KCC Algrim A	Lease No.
Well # 7	2005
Field Order # 3644	Station Pratt KS
Depth 1750	County Grant
Formation	Legal Description 13-225-36w

MAR 18 2003

Type Job PTA New well

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 8 7/8	Tubing Size 4 1/2 D.P.	Shots/Ft		Acid 2655li 60140p02		RATE	PRESS	ISIP
Depth 1750	Depth 3100	From	To	Pre Pad 680 Total 6c1 1/4 ct.		Max		5 Min.
Volume	Volume 29.4	From	To	Pad 1.59 R+3 13.3 ppg		Min		10 Min.
Max Press	Max Press 1000	From	To	Frac		Avg		15 Min.
Well Connection	Annulus Vol.	From	To	75.0 Bbls SL		HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush		Gas Volume		Total Load

Customer Representative Kelly Wilson	Station Manager D. Autry	Treater D. Scott
-----------------------------------------	-----------------------------	---------------------

Service Units	106	26	38	76	112
---------------	-----	----	----	----	-----

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1900					On hoc w/ Trki Safety mtg
2326	50		22	5	1st Plug 100ski @ 13.3 ppg
2330	350		28	5	H2O Spacer
2336	100		8	5	100ski Cmt @ 13.3 ppg
2338	50		29.4	5	H2O Spacer
12-4-02					Balance + Disp Cmt
0038	50		22	5	2nd Plug @ 1920' 50ski
0042	350		14	5	H2O Spacer
0044	100		8	5	50ski Cmt @ 13.3 ppg
0046	50		12.2	5	H2O Spacer
0136	100		22	5	Balance + Disp Cmt
0139	150		11.3	5	3rd Plug @ 800' 40ski Cmt
0141	50		4.0	5	H2O Spacer
0204					Mix Cmt @ 13.3 ppg
0207			10	5	Balance + Disp Cmt
0209			16	5	4th Plug @ 350'
0315			1	5	H2O Spacer
					Mix Cmt @ 13.3 ppg
					Disp + Balance Cmt
					10ski @ 40'
					15ski Rat hole 10ski Mouse hole

Job complete
Thank you
Scotty

10244 NE Hiway 61 • P.O. Box 8613 • Pratt, KS 67124-8613 • Phone (620) 672-1201 • Fax (620) 672-5383

