

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 32864
Name: XTO Energy Inc.
Address: 210 Park Ave., Suite 2350
City/State/Zip: Oklahoma City, Oklahoma 73102
Purchaser: Oneok Field Services
Operator Contact Person: Bruce Hankins
Phone: (405) 319-3208
Contractor: Name: Thornton Drilling
License: 4815

Wellsite Geologist: _____
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: _____
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. _____

<u>12-13-2005</u>	<u>12-24-2005</u>	<u>01-12-2006</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 175-22006-0000
County: Seward
SE SE NW NW Sec. 5 Twp. 32 S. R. 34 East West
1250 feet from S / (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: Jerman Well #: 11-5
Field Name: Hugoton

Producing Formation: Chase
Elevation: Ground: 2861' Kelly Bushing: 2867'
Total Depth: 3020' Plug Back Total Depth: 2963'
Amount of Surface Pipe Set and Cemented at 22 jts @ 690 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 3001
feet depth to Surface w/ 385 sx cmt.

Drilling Fluid Management Plan A1+II MR
(Data must be collected from the Reserve Pit) 10-23-08
Chloride content 7000 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.: _____

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INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, 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: Bruce E. Hankins
Title: Regulatory & Data Processing Manager Date: 03-14-2006

Subscribed and sworn to before me this 14th day of March, 2006

Notary Public: Joyce A. Williams
Notary Public in and for State of Oklahoma
Commission Expires 8/11-08
Commission # 00013369 Expires 8/11/08

KCC Office Use ONLY

Letter of Confidentiality Attached
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

ORIGINAL

Side Two

Operator Name: XTO Energy Lease Name: Jerman Well #: 11-5
Sec. 5 Twp. 32 S. R. 34 East West County: Seward

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 (Attach Additional Sheets)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Log Formation (Top), Depth and Datum	Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top Datum
Cores Taken	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Chase Group Top	2582'
Electric Log Run (Submit Copy)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Herington	2582'
List All E. Logs Run:		Krider	2606'
Cement Bond Log, Array Induction, and Compensated Neutron Log.		Winfield	2685'
		Chase Group Btm	3020'

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
Surface	12 1/4"	8 5/8"	24#	690'	Prem. Plus	310	CaCl & Flocele
Production	7 7/8"	5 1/2"	15.5#	3001'	Prem. Plus	385	FWCA & Flocele

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
2 & 6SPF	2584-2588' (25 holes) and 2615-2624' (19 holes)	Acidize w/2500 gals 15% HCl. Frac	
		w/30,000 gals 80 Q N2	

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2 3/8"	2648'	None	Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr.		Producing Method			
01-14-2006		Flowing <input type="checkbox"/>		Pumping <input checked="" type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)	
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	0	231	15	NA	

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

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

HALLIBURTON JOB LOG

TICKET #	4129619	TICKET DATE	12/25/05
BDA / STATE	MC/Ks	COUNTY	SEWARD
PSL DEPARTMENT	Cement		
CUSTOMER REP / PHONE	301 BILL CUSTARD	405-313-8750	
API/WW #			
JOB PURPOSE CODE	Cement Production Casing		
HES FACILITY (CLOSEST TO WELL'S)	LIBERAL		

REGION	Central Operations	NWA / COUNTRY	Mid Continent/USA
MBU ID / EMPL #	MCLI0110 / 217398	H.E.S EMPLOYEE NAME	Mickey Cochran
LOCATION	LIBERAL	COMPANY	XTO ENERGY INC
TICKET AMOUNT	\$12,874.61	WELL TYPE	01 Oil
WELL LOCATION	LIBERAL, KS	DEPARTMENT	ZI
LEASE NAME	JERMAN	SEC / TWP / RNG	5 - 32S - 34W

HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS
Cochran, M 217398	8				
Beasley, J 299920	0				
Beruman, E 267804	0				
Sinard, T 362921	0				

Chart No.	Time	Rate (BPM)	Volume (BBL/GAL)	Press. (PSI)			Job Description / Remarks
				N2	CSG.	Tbg	
	0900						JOB READY
	0500						CALLER FOR JOB
	0530						PRETRIP SAFETY MEETING
	0730						ARRIVE ON LOCATION
	0735						PREJOB SAFETY MEETING W/ HALLIBURTON CREW
	0740						SPOT EQUIPMENT
	0745						RIG UP EQUIPMENT
	????						
	1015						START CASING
							CASING ON BOTTOM & CIRCULATE W/ RIG PUMP(S)
							PUMP TRUCK WENT DOWN
							CALL FOR ANOTHER TRUCK
							TRUCK ON LOCATION
					2000		PRESSURE TEST PUMPS & LINES
	1145	6.0	10.0		200		START FRESH H2O AHEAD
	1148	6.0	140.0		250		START LEAD CEMENT 280 SKS @ 11.3#
	1208	6.0	30.0		100		START TAIL CEMENT 125 SKS @ 14.8#
	1215						SHUT DOWN & WASH PUMP & LINES
	1216						DROP PLUG
	1220	6.0	0		75		START DISPLACEMENT W/ FRESH H2O
	1223	6.0	12.0		150		DISPLACEMENT CAUGHT CEMENT
	1230	2.0	62.0		600		SLOW RATE
	1234	2.0	72.0		1700		BUMP PLUG
	1235				0		RELEASE --- FLOAT HELD
	1236						END JOB
					710		PRESSURE BEFORE PLUG LANDED
							CIRCULATED CEMENT TO PIT

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THANK YOU FOR CALLING HALLIBURTON
MICKEY AND CREW

HALLIBURTON JOB SUMMARY

REGION Central Operations		NWA / COUNTRY Mid Continent/USA		SALES ORDER NUMBER 4129619	TICKET DATE 12/25/05
MBU ID / EMPL # MCLI0110 / 217398		H.E.S. EMPLOYEE NAME Mickey Cochran		BDA / STATE MC/Ks	COUNTY SEWARD
LOCATION LIBERAL		COMPANY XTO ENERGY INC		PSL DEPARTMENT Cement	CUSTOMER REP / PHONE BILL CUSTARD 405-313-8750
TICKET AMOUNT \$12,874.61		WELL TYPE 01 Oil		API/WI #	
WELL LOCATION LIBERAL, KS		DEPARTMENT Z1		SAP BOMB NUMBER 7523	Description Ce
LEASE NAME JERMAN		Well No. 11-5	SEC / TWP / RNG 5 - 32S - 34W	HES FACILITY (CLOSEST TO WELL SITE) Liberal, Ks	

HES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	HRS	HRS	HRS
Cochran, M 217398	6.0			
Beasley, J 299920	6.0			
Beruman, E 267804	6.0			
Sinard, T 362921	6.0			

H.E.S. UNIT #S / (R / T MILES)	R / T MILES	R / T MILES	R / T MILES	R / T MILES
10704310	40			
10689601	40			
10244148/10286731	20			
10011406/10011591	20			

Form. Name _____ Type: _____
 Form. Thickness _____ From _____ To _____
 Packer Type _____ Set At _____
 Bottom Hole Temp. _____ Pressure _____
 Retainer Depth _____ Total Depth **3000 FT**

Date	Called Out	On Location	Job Started	Job Completed
	12/25/2005	12/25/2005	12/25/2005	12/26/2005
Time	0430	0730	1142	1236

Tools and Accessories

Type and Size	Qty	Make
Float Collar INSERT	1	H
Float Shoe		O
Centralizers	10	W
Top Plug HWE	1	C
HEAD	1	H O
Limit clamp	1	O
Weld-A	1	W
Guide Shoe	1	C
BTM PLUG		O

Well Data

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	NEW	15.5#	5 1/2" STD		KB	3,040	
Liner							
Tubing							
Drill Pipe							
Open Hole			7 7/8"				Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials

Mud Type	Density	Lb/Gal
Disp. Fluid	Density	Lb/Gal
Prop. Type	Size	Lb
Prop. Type	Size	Lb
Acid Type	Gal.	%
Acid Type	Gal.	%
Surfactant	Gal.	In
NE Agent	Gal.	In
Fluid Loss	Gal/Lb	In
Gelling Agent	Gal/Lb	In
Fric. Red.	Gal/Lb	In
Breaker	Gal/Lb	In
Blocking Agent	Gal/Lb	In
Perfpac Balls	Qty.	
Other		
Other		
Other		
Other		
Other		

Hours On Location

Date	Hours
12/25	6.0
Total	6.0

Operating Hours

Date	Hours
12/25	1.0
Total	1.0

Description of Job

Cement Production Casing

SEE JOB PROCEDURE

Hydraulic Horsepower: Avail. _____ Used _____

Average Rates in BPM: Disp. _____ Overall _____

Cement Left in Pipe: Reason _____

Feet 31

SHOE JOINT

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Cement Data

Stage	Sacks	Cement	Additives	W/Rq	Yield	Lbs/Gal
1	260	MIDCON II PP	1% CC - 1/2 # FLOCELE	18.59	3.00	11.30
2	125	PREM PLUS	1/4# FLOCELE - .5% HALAD-322	6.30	1.32	14.80
3						
4						

Summary

Circulating Breakdown	Displacement	Preflush: BBI	10	Type: FRESH H2O
Lost Returns-YES	MAXIMUM	Load & Bkdn: Gal - BBI		Pad:Bbl -Gal
Cmt Rtm#Bbl	Lost Returns-NO	Excess /Return BBI		Calc.Disp Bbl
Average	Actual TOC	Calc. TOC:		Actual Disp. 72
Shut In: Instant	Frac. Gradient	Treatment: Gal - BBI		Disp:Bbl
	5 Min. 15 Min.	Cement Slurry BBI	LC 139 TC 29	
		Total Volume BBI	250	

Frac Ring #1 _____ Frac Ring #2 _____ Frac Ring #3 _____ Frac Ring #4 _____

THE INFORMATION STATED HEREIN IS CORRECT
 CUSTOMER REPRESENTATIVE

Bill H. Curt
 SIGNATURE