

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

OCT 22 2008

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		15 Lease Serial No JIC-154	
b. Type of Completion: <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input checked="" type="checkbox"/> Diff Resrv., Other		16 If Indian, Allottee or Tribe Name JICARILLA APACHE	
2. Name of Operator XTO ENERGY INC.		7 Unit or CA Agreement Name and No	
3 Address 382 CR 3100 AZTEC, NM 87410		8 Lease Name and Well No JICARILLA APACHE #16E	
3a Phone No (include area code) 505-333-3100		9 API Well No. 30-039-22434 0067	
4 Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 825' FNL & 995' FEL At top prod interval reported below At total depth		10 Field and Pool, or Exploratory OTERO CHACRA	
14. Date Spudded 10/09/1980		11 Sec, T, R, M, or Block and Survey or Area Sec. 34 (A) - T26N-R5W, NMPM	
15 Date T.D. Reached 10/26/1980		12 County or Parish RIO ARriba	
16 Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 10/13/2008		13 State NM	
17 Elevations (DF, RKB, RT, GL)* 6650' GL			

18 Total Depth: MD TVD 7525'	19 Plug Back T.D., MD TVD 7463'	20. Depth Bridge Plug Set MD TVD
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) GR/CCL/CBL		22 Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)									
Hole Size	Size/Grade	Wt (#ft)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No of Sks. & Type of Cement	Slurry Vol (BBL)	Cement Top*	Amount Pulled
13-3/4"	9-5/8"	36#		491'		450 SX		0	
8-3/4"	7"	23#		5600'		600 SX		0	
6-1/4"	4-1/2"	10.5#	5413'	7523'		250 SX		0	
				DV TOOL	4069'				

24. Tubing Record									
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	
2-3/8"	7322'	10/13/2008							

25. Producing Intervals							26 Perforation Record		
Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf Status			
A) OTERO CHACRA	3922'	4021'	10/03/2008	0.34"	20				
B)									
C)									
D)									

27. Acid, Fracture, Treatment, Cement Squeeze, Etc	
Depth Interval	Amount and Type of Material
3922' - 4021'	10/3/08 - A. w/1,000 gals 15% NEFE HCl acid. Frac'd w/74,122 gals 60Q N2 foamed Delta 140 frac fluid carrying 104,300# sand.
	RCVD OCT 30 '08

28. Production - Interval A									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
	10/13/08	3	→	0	10.3	.10			FLOWING
Choke Size	Tbg Press Flwg SI	Csg Press.	24 Hr	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
1/2"	115	300	→	0	82.4	.80		SHUT IN	

28a. Production-Interval B									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
			→						
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
			→						

(See instructions and spaces for additional data on page 2)

ACCEPTED FOR RECORD

OCT 28 2008

FARMINGTON FIELD OFFICE
BY *[Signature]*

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr →	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio		Well Status

28c Production-Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr →	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio		Well Status

29 Disposition of Gas (Sold, used for fuel, vented, etc.)

TO BE SOLD

30 Summary of Porous Zones (Include Aquifers).

Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries

31 Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc	Name	Top
					Meas Depth
				KIRTLAND	2564
				FRUITLAND	2749
				PICTURED CLIFFS	3018
				CHACRA	3912
				CLIFFHOUSE	4704
				MENEFEE	4860
				POINT LOOKOUT	5148
				MANCOS	5417
				NIOBRARA	6360
				BASAL NIOBRARA	6582
				SANASTEE	6810
				GREENHORN	7100
				GRANEROS	7200
				DAKOTA	7328
				MORRISON	7455

32 Additional remarks (include plugging procedure)

COMPLETION RIG RELEASED 10/13/2008

33. Indicate which items have been attached by placing a check in the appropriate boxes

- ☐ Electrical/Mechanical Logs (1 full set req'd)
 ☐ Geologic Report
 ☐ DST Report
 ☐ Directional Survey
☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ Other.

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) DOLENA JOHNSONTitle REGULATORY CLERKSignature Dolena JohnsonDate 10/21/2008

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

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1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5. Lease Serial No. JIC-154	
b. Type of Completion. <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input checked="" type="checkbox"/> Diff Resvr., Other		6. Indian, Allottee or Tribe Name JICARILLA APACHE	
2. Name of Operator XTO ENERGY INC.		7. Unit or CA Agreement Name and No.	
3. Address 382 CR 3100 AZTEC, NM 87410		8. Lease Name and Well No. JICARILLA APACHE #16E	
3a. Phone No (include area code) 505-333-3100		9. API Well No 30-039-22434 00 C2	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 825' FNL & 995' FEL At top prod interval reported below At total depth		10. Field and Pool, or Exploratory BLANCO MESAVERDE	
14. Date Spudded 10/09/1980		15. Date T D. Reached 10/26/1980	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod 10/13/2008		17. Elevations (DF, RKB, RT, GL)* 6650' GL	
18. Total Depth MD TVD 7525'		19. Plug Back T D.: MD TVD 7463'	
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) GR/CCL/CBL	
22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit copy)		23. Casing and Liner Record (Report all strings set in well)	
24. Tubing Record		25. Producing Intervals	
26. Perforation Record		27. Acid, Fracture, Treatment, Cement Squeeze, Etc	
28. Production - Interval A		28a. Production-Interval B	

Hole Size	Size/Grade	Wt (#ft)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No of Skis & Type of Cement	Slurry Vol (BBL)	Cement Top*	Amount Pulled
13-3/4"	9-5/8"	36#		491'		450 SX		0	
8-3/4"	7"	23#		5600'		600 SX		0	
6-1/4"	4-1/2"	10.5#	5413'	7523'		250 SX		0	
				DV TOOL	4069'				

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-3/8"	7322'	10/13/2008						

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf Status
A) LOOKOUT POINT	5148'	5278'		0.32"	20	
B) BLANCO MESAVERDE	4958'	5119'	09/29/2008	0.34"	13	
C) BLANCO MESAVERDE	4918'	5141'	10/02/2008	0.34"	15	
D)						

Depth Interval	Amount and Type of Material
5148' - 5278'	1980 Treated w/48 bbls 7-1/2% HCl acid w/30 ball sealers, 35,600 gals 70 quality foam w/23,100 SCF N2 & 89,000# 10/20 sand.
4958' - 5119'	09/29/08 - A. w/1,000 gals 15% NEFE HCl acid. 10/02/08 - Frac'd w/23,515 gals 30Q N2 foamed Delta 140 frac fluid carrying 1,750# 20/40 BASF (cont'd on back)

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
	10/13/08	3	→	0	51.3	.22			FLOWING

Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status
1/2"	115	300	→	0	410.4	1.76		SHUT IN

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
			→						

NIMCO

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OCT 28 2008

FARMINGTON FIELD OFFICE
BY WJ

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr →	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	

28c. Production-Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr →	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	

29 Disposition of Gas (Sold, used for fuel, vented, etc.)

TO BE SOLD

30. Summary of Porous Zones (Include Aquifers).

Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas Depth
front cont'd	4958'	5119'	sand per densometer.	KIRTLAND	2564
				FRUITLAND	2749
10/02/08	4918'	5141'	A. w/1,100 gals 15% NEFE HCl acid. frac'd w/70,960 gals 50Q N2 foamed Delta 140 frac fluid carrying 19,350# sand.	PICTURED CLIFFS	3018
				CHACRA	3912
				CLIFFHOUSE	4704
				MENEFEE	4860
				POINT LOOKOUT	5148
				MANCOS	5417
				NIOBRARA	6360
				BASAL NIOBRARA	6582
				SANASTEE	6810
				GREENHORN	7100
				GRANEROS	7200
				DAKOTA	7328
				MORRISON	7455

32. Additional remarks (include plugging procedure).

COMPLETION RIG RELEASED 10/13/2008

33. Indicate which items have been attached by placing a check in the appropriate boxes

- ☐ Electrical/Mechanical Logs (1 full set req'd)
 ☐ Geologic Report
 ☐ DST Report
 ☐ Directional Survey
- ☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ Other

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) DOLENA JOHNSONTitle REGULATORY CLERKSignature Date 10/21/2008

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2. Name of Operator XTO ENERGY INC.		7 Unit or CA Agreement Name and No							
3 Address 382 CR 3100 AZTEC, NM 87410		8 Lease Name and Well No JICARILLA APACHE #16E							
3a. Phone No. (include area code) 505-333-3100		9 API Well No. 30-039-22434 00 C3							
4 Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 825' FNL & 995' FEL At top prod interval reported below At total depth		10 Field and Pool, or Exploratory BASIN MANCOS							
14. Date Spudded 10/09/1980		11 Sec, T, R, M, or Block and Survey or Area Sec. 34 (A) - T26N-R5W, NMPM							
15 Date T D Reached 10/26/1980		12 County or Parish RIO ARriba							
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod 10/13/2008		13 State NM							
17 Elevations (DF, RKB, RT, GL)* 6650' GL									
18 Total Depth MD 7525'		19 Plug Back T D MD 7463'							
TVD		TVD							
20 Depth Bridge Plug Set MD		TVD							
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) GR/CCL/CBL		22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit copy)							
23 Casing and Liner Record (Report all strings set in well)									
Hole Size	Size/Grade	Wt (#ft)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No of Sks & Type of Cement	Slurry Vol (BBL)	Cement Top*	Amount Pulled
13-3/4"	9-5/8"	36#		491'		450 SX		0	
8-3/4"	7"	23#		5600'		600 SX		0	
6-1/4"	4-1/2"	10.5#	5413'	7523'		250 SX		0	
				DV TOOL	4069'				
24. Tubing Record									
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	
2-3/8"	7322'	10/13/2008							
25 Producing Intervals									
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status			
A) BASIN MANCOS	6365'	6684'	09/22/2008	0.34"	21				
B)									
C)									
D)									
26 Perforation Record									
27. Acid, Fracture, Treatment, Cement Squeeze, Etc									
Depth Interval	Amount and Type of Material								
6365' - 6684'	09/24/08 - A. w/1,250 gals 15% NEFE HCl acid. Frac'd w/82,105 gals 70Q CO2 foam frac fluid carrying 120,500# sand.								
	RCVD OCT 30 '08								
	OIL CONS. DIV.								
	DIST. 3								
28. Production - Interval A									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
	10/13/08	3	→	0	10.3	.22			FLOWING
Choke Size	Tbg Press Flwg SI	Csg Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
1/2"	115	300	→	0	82.4	1.76		SHUT IN	
28a Production-Interval B									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
			→						
Choke Size	Tbg Press Flwg SI	Csg Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
			→						

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
Choke Size	Tbg Press. Flwg SI	Csg Press	24 Hr →	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	

28c. Production-Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
Choke Size	Tbg Press. Flwg SI	Csg Press	24 Hr →	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	

29 Disposition of Gas (Solid, used for fuel, vented, etc)

TO BE SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries

31 Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc	Name	Top
					Meas Depth
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				FRUITLAND	2749
				PICTURED CLIFFS	3018
				CHACRA	3912
				CLIFFHOUSE	4704
				MENEFEE	4860
				POINT LOOKOUT	5148
				MANCOS	5417
				NIOBRARA	6360
				BASAL NIOBRARA	6582
				SANASTEE	6810
				GREENHORN	7100
				GRANEROS	7200
				DAKOTA	7328
				MORRISON	7455

32 Additional remarks (include plugging procedure):

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