

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

NOV 10 2008

FORM APPROVED  
OMB NO. 1004-0137  
Expires July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Land Management  
Pawnee Field Office

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other  
b. Type of Completion: ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☒ Diff. Resvr,  
Other

2. Name of Operator

KTO ENERGY INC.

3. Address

382 CR 3100 AZTEC, NM 87410

3a. Phone No (include area code)

505-333-3100

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

At surface 850' FSL &amp; 850' FEL

At top prod. interval reported below

At total depth

14. Date Spudded

05/07/1980

15. Date T.D. Reached

05/09/1980

16. Date Completed

☐ D & A☒ Ready to Prod.

11/03/2008

17. Elevations (DF, RKB, RT, GL)\*

6174' GL

18. Total Depth: MD  
TVD

2030'

19. Plug Back T.D.: MD  
TVD

1970'

20. Depth Bridge Plug Set: MD  
TVD

1817'

21. Type Electric &amp; Other Mechanical Logs Run (Submit copy of each)

22. Was well cored? ☒ No ☐ Yes (Submit analysis)  
Was DST run ☒ No ☐ Yes (Submit report)  
Directional Survey? ☒ No ☐ 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
12-1/4"	8-5/8"	24#		137'		100 SX		0	
7-7/8"	4-1/2"	10.5#		2030'		250 SX		0	

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"	1799'	11/3/2008						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf Status
A) BASIN FRUITLAND COAL	1747'	1791'	10/15/2008	0.39"	48	
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
1747' - 1791'	10/15/08 - A. w/1,000 gals HEFE 15% HCl acid.
	10/23/08 - Frac'dw/103,756 gals 70Q N2 foam Delta 140 frac fluid carrying
	95,100# sand.

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
	11/3/08		→						FLOWING
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
	0	30	→					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)

NMOC D 8x

PARKINGTON FIELD OFFICE

V 5-

5. Lease Serial No.  
NMSF-078895

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.

MUDGE A #11

9. API Well No

30-045-24268

10. Field and Pool, or Exploratory

BASIN FRUITLAND COAL

11. Sec., T., R., M., or Block and Survey or Area

Sec. 18 (P) - T27N-R11W, NMPM

12. County or Parish

SAN JUAN

13. State

NM

RCVD NOV 20 08  
OIL CONS. DIV.  
DIST. 3

ACCEPTED FOR RECORD

NOV 18 2008

## 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
				OJO ALAMO SS	452'
				KIRTLAND SHALE	800'
				FRUITLAND FORMATION	1601'
				PICTURED CLIFFS SS	1792'

## 32. Additional remarks (include plugging procedure):

Completion rig released 11/03/2008

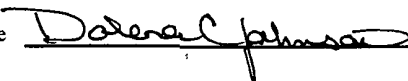
## 33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ 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 CLERK

Signature

Date 11/07/2008

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.