

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

DEC 14 2017

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.  
**NM-002691**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or N

**SUBMIT IN TRIPLICATE – Other instructions on reverse side**

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
**Thompson Engineering & Production Corp**

3a. Address  
**7415 East Main, Farmington, NM 87402**

3b. Phone No. (include area code)  
**505-327-4892**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**790' FSL & 790' FEL; Section 23, T27N, R12W**

8. Well Name and No.  
**Tonkin #1**

9. API Well No.  
**30-045-06323**

10. Field and Pool, or Exploratory Area  
**Basin Fruitland Coal**

11. County or Parish, State  
**San Juan County, NM**

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION				
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off	
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity	
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____	
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon		
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal		

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomplate in a new interval, a Form 3160-4 shall be filed once Testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Thompson Engineering & Production, proposes to permanently plugged and abandoned the Tonkin #1 as per the attached procedure:

Note: The Basin Dakota Formation was previously plugged and abandoned in November, 2005.

**SEE ATTACHED FOR  
CONDITIONS OF APPROVAL**

Notify NMOCD 24 hrs  
prior to beginning  
operations

**BLM'S APPROVAL OR ACCEPTANCE OF THIS  
ACTION DOES NOT RELIEVE THE LESSEE AND  
OPERATOR FROM OBTAINING ANY OTHER  
AUTHORIZATION REQUIRED FOR OPERATIONS  
ON FEDERAL AND INDIAN LANDS**

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed) <b>John C. Thompson</b>	Title <b>Agent / Engineer</b>
Signature 	Date <b>December 11, 2017</b>

THIS SPACE FOR FEDERAL OR STATE USE

Approved by <b>AG Elmadani</b>	Title <b>PE</b>	Date <b>1/23/18</b>
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office <b>FFO</b>	

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

NMOCD PV

OIL CONS. DIV DIST. 3  
**JAN 24 2018**

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# Thompson Engineering & Production, Corp

## Tonkin #1

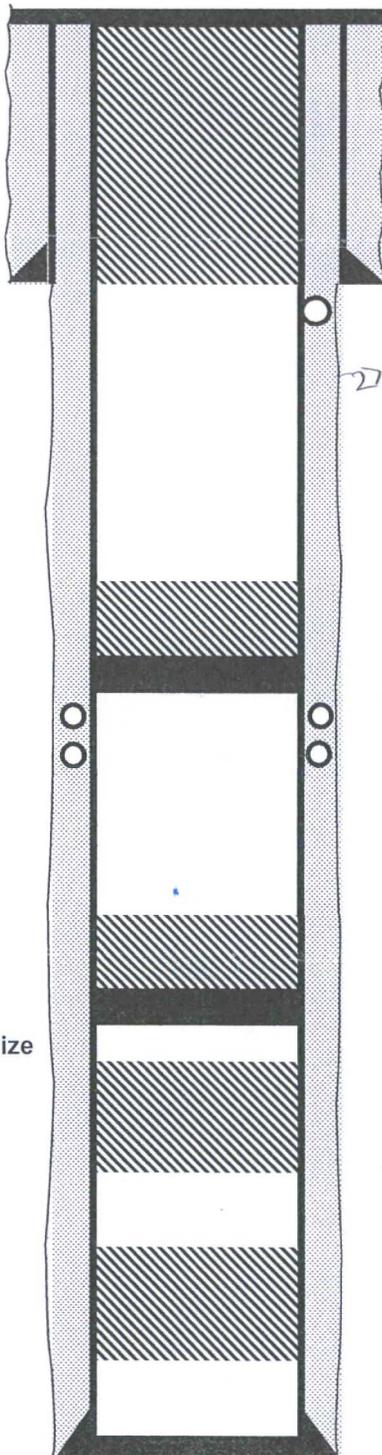
### Proposed P&A

#### Basin Fruitland Coal

790' FSL & 790' FEL, Section 23, T27N, R12W, San Juan County, NM

API #30-045-06323

Date: 12/11/2017  
Elevation: 5354' GL  
5359' KB  
Ojo Alamo/Tertiary @ surf



Hole Size: 12-1/4"

Plug #4: 150' - 0'.  
Class B cement, 30 sxs (35.4 cf)

8-5/8", 23#, Casing set @ 255'  
Cement w/ 150 sxs (177 cf), circulated cmt to surf

Perforate @ 260'

Kirtland @ 400'

Plug #4: 1317' - 1367'  
Class B cement, 6 sx (7.1 cf)

Fruitland Coal @ 1417'

CICR at 1367'

Pictured Cliffs @ 1560'

Perfs: Upper FTC: 1417' - 1422'  
Lower FTC: 1452' - 1465'  
Pictured Cliffs: 1562' - 1618'

Note: Plug #1 - #3 were done in Novemeber of 2005

Mesaverde @ 2365'

Plug #3: 2415'-2239' (TOC)  
20 sx (23.3)  
CICR at 2415'

Hole Size  
7-7/8"

Gallup @ 5150'

Plug #2 5098' - 4830' (TOC)  
30 sx (35.4 cf)

Dakota @ 6035'

Plug #1: 6032'-5856' (TOC)  
20 sx (23.6 cf)

5-1/2", 15.5#, J-55 casing set @ 6264'

PBTD: 2239'  
TD: 6256'

Cement 1 stg w/ 1324 cf 65/35 Poz & tail w/ 118 cf Class B  
2nd Stage: 1251 cf of 65/35 Poz  
Circulated Cement to Surface

## **P&A Procedure**

### **Thompson E&P – Tonkin #1**

790' FSL & 790' FEL, Section 23, T27N, R12W

San Juan County, New Mexico, API #30-045-06323

#### **Plug & Abandonment Procedure:**

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**Note:** The Tonkin #1 was originally drilled to the Dakota formation. It was plugged back in 2005 (plugs #1 – plug #3). A CBL was ran December 1, 2005 from PBDT (2191') to 150'. CBL indicates cement into surface casing which is set at 255'.

- 1. Plug #4, 1317' -1367' (PC top: 1560', Fruitland Coal Top: 1417', Perfs: 1417' – 1618'):** RIH & set CICR at 1367'. Pressure test tubing prior to pumping cement to 1000 psi. Sting out of retainer, mix & pump 6 sxs (7.1 cf) of Class B cement (or equivalent) leaving 50' of cement on top of retainer. Pull up and circulate hole clean.
- 2. Plug #5, (8-5/8" Surface casing shoe, 255' to Surface):** If required by BLM, Perforate at 260' and attempt to establish circulation to surface out the bradenhead valve (note: TOC from CBL ran in 2005 indicates cement inside surface casing. Original reports indicate cement was circulated to surface on original cement job). Mix approximately 30 sxs (35.4 cf) of cement and pump down the 4.5" casing to circulate out the BH valve. If unable to circulate, top off as necessary.
- 3. ND BOP and cut off wellhead.** Note: NAPI (surface lessee) has requested that permanent P&A marker be installed 4' – 6' below surface for farming operations on surface (location is in an actively farmed crop circle). RD & MOL. Restore location per BLM stipulations.

Tonkin Federal # 1

API 30-045-06323

Sec 23 T27N-R12W

790 FSL 790 FEL

The Pre-onsite has been done on the Tonkin Federal #1. The onsite was on 12-15-17 and the attendees were as follows:

Michael L Dean Walsh Engineering

Gary Smith [g1smith@blm.gov](mailto:g1smith@blm.gov)

Natural Resource Specialist  
BLM Farmington Field Office  
6251 College Blvd, Suite A  
Farmington, NM 87402  
office: 505.564.7701  
cell: 505.635.0703

Al Nakai [anakai@navajopride.com](mailto:anakai@navajopride.com)

Realty Department  
Navajo Agricultural Products Industry  
Farmington NM 87499  
P.O. Drawer 1318  
Direct 505-566-2607

Alysse Pablo [apablo@navajopride.com](mailto:apablo@navajopride.com)

Land Development Technician  
BLM Farmington Field Office  
6251 College Blvd, Suite A  
Farmington, NM 87402  
office: 505.564.1402

The reclamation Thompson is to remove all of the equipment from the location and install a below grade P&A maker at least 6 feet deep. On the water and gas line that leaves the location they are to be capped off below ground and noted with GPS readings and sent in to the NAPI contacts above. The soil that was hauled in for the sprinkler system to go over the equipment will be leveled off and left on location. There will be no seed put on the reclaimed portion of the location.

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UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
FARMINGTON DISTRICT OFFICE  
6251 COLLEGE BLVD.  
FARMINGTON, NEW MEXICO 87402

Attachment to notice of  
Intention to Abandon:

Re: Permanent Abandonment  
Well: Tonkin Federal #1

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."
2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 564-7750.
  - a) Add Plug from (403'-270). To cover the top of Kirtland and Ojo Alamo. **BLM picks top of the Kirtland at 453' and the Ojo Alamo at 300' ft.**

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.

See Revised Conditions

UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
FARMINGTON DISTRICT OFFICE  
6251 COLLEGE BLVD.  
FARMINGTON, NEW MEXICO 87402

Attachment to notice of  
Intention to Abandon:

Re: Permanent Abandonment  
Well: Tonkin Federal #1

**Amendment to the original COA**  
CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."
2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 564-7750.
  - a) Add Plug from (403'-270'). To cover the top of Kirtland and Ojo Alamo. BLM picks top of the Kirtland at 453' and the Ojo Alamo at 300' ft.
  - b) Add Plug from (1974'-1874') to cover the Chacra tops. BLM picks top of the Chacra at 1924' ft.

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.

OIL CONS. DIV DIST. 3

JAN 25 2018

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