

State of New Mexico
Energy, Minerals and Natural Resources Department

Susana Martinez
Governor

David Martin
Cabinet Secretary-Designate

Brett F. Woods, Ph.D.
Deputy Cabinet Secretary

Jami Bailey, Division Director
Oil Conservation Division



New Mexico Oil Conservation Division approval and conditions listed below are made in accordance with OCD Rule 19.15.7.11 and are in addition to the actions approved by BLM on the following 3160-4 or 3160-5 form.

Operator Signature Date: 11/18/13

Application Type:

☐ P&A ☐ Drilling/Casing Change ☐ Recomplete/DHC
☐ Location Change ☒ Other: T/A or P/A

Well information:

API WELL #	Well Name	Well #	Operator Name	Type	Stat	County	Surf_Owner	UL	Sec	Twp	N/S	Rng	W/E
30-045-31181-00-00	BW FEDERAL 29 29 8	201	THOMPSON ENGR & PROD CORP	G	N	San Juan	F	D	29	29	N	8	W

Conditions of Approval:

Notify NMOCD 24hrs prior to beginning operations

Notify Agencies of the cleanout results and of the proposed setting depth of CIBP prior setting it and testing the well.

A witness of the pressure test will be required if the T/A procedure is successful.

NMOCD Approved by Signature

3-27-14
Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

MAR 20 2014

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 any abandoned well. Use Form 3160-3 (APD) for such proposals.

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 E. Main St., Farmington, NM 87402

3b. Phone No. (include area code)

505-327-4892

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

438' FNL & 645' FWL Section 29, T29N, R8W

5. Lease Serial No.

NMSF - 078046

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

BW Federal #201

9. API Well No.

30-045-31181

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 checked="" 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 recompleat 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 recompleat 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 and Production proposes to temporarily abandon this well by attempting to recover the 1-1/4" coiled tubing and setting a 5-1/2" CIBP on wireline as deep as it will go inside the 5-1/2" liner. The casing will be loaded with water and pressure tested to 500 psi. If the casing test should fail, then the well will be P&A'd according to the procedure already on file with the BLM.

TA approved 4/1/15

RCVD MAR 24 '14
OIL CONS. DIV.
DIST. 8

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

Name (Printed/Typed)

Paul C. Thompson, P.E.

Title

President

Signature

Date

November 18, 2013

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

PE

Date

MAR 21 2014

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

Fao

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 false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOCDA

Walsh Engineering and Production
P & A Procedure for
Thompson Engineering and Production Corp.
BW Federal 29-29-8 #201

Location: NW/4 Sec 29 T29N R8W
San Juan Co., NM
API: 30-045-31181


Date: November 18, 2013

Field: Basin Fruitland Coal
Surface: BLM
Minerals: Fed SF - 078046

Elev: GL 6480', 6492' KB
5-1/2' liner: 2652'-2900' MD
TD: 5424' MD 2985' TVD

Procedure:

1. Move on location and rig up a well service unit. Hold a safety meeting and explain the procedure to the crew.
2. Blow the well down and kill with water if necessary. Nipple down the wellhead and nipple up a BOP. Engage the 1-1/4" coiled tubing (cutoff at surface). Cutoff the coiled tubing at approximately 2900' and recover.
3. Pick up a 5-1/2" cast iron bridge plug (CIBP) on a 2-3/8" work string. TIH and set the CIBP at approximately 2800'. Load the hole and pressure test the casing, tubing, and CIBP, to 1,000 psi. Spot 40 sx (45.1 cu.ft.) of neat cement above the CIBP to 2600' (plus 50' excess) to cover the liner top and the Fruitland top (2829').
4. POH to 2128' KB. Spot a balanced plug across the Ojo Alamo top +/- 50' (2078' KB) plus 50' excess with 30 sx (35.4 cu.ft.) of neat cement. POH to 388'.
5. Spot a balanced plug across the surface casing shoe +/- 50' (338') plus 50' excess with 30 sx (35.4 cu.ft.) of neat cement. POH to 100.
6. Fill the casing to surface with 20 sx (23.6 cu.ft) of neat cement. Finish laying down the 2-3/8" tubing and top off the 7" casing as necessary. Leave the casing standing full.
7. Cut the wellhead off 4' below the ground level. Install a dryhole marker with a weep hole. Reclaim location as per BLM specifications.



Paul C. Thompson, P.E.

3-782	500 SHEETS, FILLER	5 SQUARE
2-381	50 SHEETS EYE-EASE	5 SQUARE
2-382	100 SHEETS EYE-EASE	5 SQUARE
2-389	200 SHEETS EYE-EASE	5 SQUARE
12-392	100 RECYCLED WHITE	5 SQUARE
12-399	200 RECYCLED WHITE	5 SQUARE



National® Brand

CURRENT STATUS

PFA STATUS

SAN JOSE

NACIMIENTO - 820

036 ALAMO - 2078

KIRJ. - 2285

FRUITLAND - 2829

13 3/8, 48" @ 338'
CMT TO SURF W/ 350 SX

1 1/4" COILED TUBING

5 1/2" LINGER TOP AT 2652.

7¹¹, 23⁴ @ 2688⁻
CMT TO SURF W/ 7505K

5 1/2", 17" @ 2900'
CMT TO 2652' w/1255x

OH - 5424' MD
- 2985' TVD
(COLLAPSED)

SURFACE Pkg
20 SK (23.6 ft³)

7444 #3 30sx (35.4 ft)

PLUG #2 30sx (35.4 ft³)

TOC - 2600

Page #1 $405 \times (45.1 \text{ ft}^3)$

CIBPC 2800

OH COLLAPSED

Walsh Engineering and Production

P & A Procedure for
Thompson Engineering and Production, Corp.
BW Federal 29-29-8 #201

Location: NW/4 Sec 29 T29N R8W
San Juan Co., NM
API: 30-045-31181

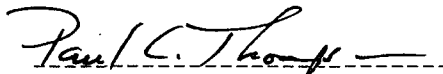
Date: November 18, 2013

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Surface: BLM
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Elev: GL 6480', 6492' KB
5-1/2' liner: 2652'-2900' MD
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Procedure:

1. Move on location and rig up a well service unit. Hold a safety meeting and explain the procedure to the crew.
2. Blow the well down and kill with water if necessary. Nipple down the wellhead and nipple up a BOP. Engage the 1-1/4" coiled tubing (cutoff at surface). Cutoff the coiled tubing at approximately 2900' and recover.
3. Pick up a 5-1/2" cast iron bridge plug (CIBP) on a 2-3/8" work string. TIH and set the CIBP at approximately 2800'. Load the hole and pressure test the casing, tubing, and CIBP, to 1,000 psi. Spot 40 sx (45.1 cu.ft.) of neat cement above the CIBP to 2600' (plus 50' excess) to cover the liner top and the Fruitland top (2829').
4. POH to 2128' KB. Spot a balanced plug across the Ojo Alamo top +/- 50' (2078' KB) plus 50' excess with 20 sx (35.4 cu.ft.) of neat cement. POH to 388'. 2171' - 1876'
→ Macmillan plug 702' - 602'
5. Spot a balanced plug across the surface casing shoe +/- 50' (338') plus 50' excess with 30 sx (35.4 cu.ft.) of neat cement. POH to 100. (388' - 288')
6. Fill the casing to surface with 20 sx (23.6 cu.ft) of neat cement. Finish laying down the 2-3/8" tubing and top off the 7" casing as necessary. Leave the casing standing full. (100' - 50' full)
7. Cut the wellhead off 4' below the ground level. Install a dryhole marker with a weep hole. Reclaim location as per BLM specifications.



Paul C. Thompson, P.E.

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: 201 BW Federal

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.
3. The following modifications to your plugging program are to be made:
 - a) Place the Kirtland/Ojo Alamo plug from 2171' - 1876'.
 - b) Place the Nacimiento plug from 702' - 602'.
 - c) Place the Surface Casing Shoe plug from 388' - 288'.

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.