

State of New Mexico
Energy, Minerals and Natural Resources Department

Susana Martinez
Governor

David Martin
Cabinet Secretary

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

David R. Catanach, 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: 10/2/15

Well information:

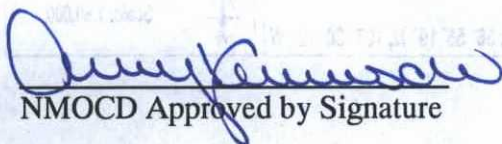
API WELL #	Well Name	Well #	Operator Name	Type	Stat	County	Surf_Owner	UL	Sec	Twp	N/S	Rng	W/E	Feet	NS	Ft	EW
30-045-24122-00-00	KRAUSE WN FEDERAL	002E	THOMPSON ENGR & PROD CORP	G	A	San Juan	F	P	28	28	N	11	W	790	S	1120	E

Application Type:

- ☐ P&A ☐ Drilling/Casing Change ☐ Location Change
☐ Recomplete/DHC (For hydraulic fracturing operations review EPA Underground injection control Guidance #84)
☒ Other: Casing Repair

Conditions of Approval:

Amend sundry to include tubing details, size weight and grade.


NMOCD Approved by Signature

12-8-15
Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

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.

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5. Lease Serial No.

SF 078863

6. If Indian, Allottee or Tribe Name

Farmington Field Office
Bureau of Land Management

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Thompson Engineering and Production Corp.

3a. Address

7415 E. 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 & 1120 FEL, Section 7 (P), T28N, R11W

28

OIL CONS. DIV DIST. 3

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8. Well Name and No.

Krause WN Federal #2E

9. API Well No.

30-045-24122

10. Field and Pool, or Exploratory Area

Basin Dakota

11. County or Parish, State

San Juan, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input 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 checked="" 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 checked="" type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input 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 recomple 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 recompletion 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.)

9/23/15 Started workover operations. Notified BLM cement phone and spoke with Monica Kueling with NMOCD.

9/25/15 Determined casing leaks are between 3649 and 3711' KB and 4273' to 4303' KB. Spotted 21 sx (16 cu.ft.) of micromatrix cement across the lower leaks and squeezed to 1200 psi below a cement retainer set at 4086' KB. WOC.

9/28/15 Drilled the CR and cement. Tested the lower holes from 579 psi to 554 psi in 30 min - test good. Spotted a balanced plug across the upper leaks with 20 sx (16.4 cu.ft.) of micro matrix cement. Set a packer at 3180' and squeezed cement to 1100 psi. WOC

9/30/15 Drilled cement and pressure tested both squeeze jobs from 605 psi to 558 psi for 30 minutes. Notified NMOCD. See attached chart.

10/1/15 Drilled the CIBP at 6174' and cleaned out to 6337' KB. Landed the tubing at 6302' KB. Swab testing well.

ACCEPTED FOR RECORD

OCT 06 2015

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

Name (Printed/Typed)

Paul C. Thompson, P.E.

Title FARMINGTON FIELD OFFICE

BY:

President

Signature

Paul C. Thompson

Date

October 2, 2015

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

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

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.

(Instructions on reverse)

NMOCD

