

State of New Mexico  
Energy, Minerals and Natural Resources Department

**Susana Martinez**  
Governor

**Ken McQueen**  
Cabinet Secretary

**Matthias Sayer**  
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: July 25<sup>th</sup>, 2017

Well information:

frmWellFilterSub																	
API WELL #	Well Name	Well #	Operator Name	Type	Stat	County	Surf_Owner	UL	Sec	Twp	N/S	Rng	W/E	Feet	NS	Ft	EW
30-045-24555-00-00	H J LOE FEDERAL B	003E	FOUR STAR OIL & GAS CO	G	A	San Juan	F	O	23	29	N	12	W	1100	S	2000	E

Application Type:

- P&A   
  Drilling/Casing Change   
  Location Change  
  Recomplete/DHC (For hydraulic fracturing operations review EPA Underground injection control Guidance #84; Submit Gas Capture Plan form prior to spudding or initiating recompletion operations)  
 Other:

Conditions of Approval:

Notify NMOCD 24hrs prior to beginning operations.

Fourstar is required to drill down and isolate at or below the casing shoe and the Kirtland formation top at ~490'. Isolating the gas any higher would not isolate the gas from the water formation tops

*Brandon Powell*

\_\_\_\_\_  
NMOCD Approved by Signature

8-10-2017  
Date



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

5. Lease Serial No.  
NMNM014378

6. If Indian, Allottee or Tribe Name

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

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

8. Well Name and No.  
H J LOE FEDERAL B 3E

9. API Well No.  
30-045-24555-00-C1

10. Field and Pool or Exploratory Area  
BASIN DAKOTA  
FULCHER KUTZ PICTURED CLIFFS

11. County or Parish, State  
SAN JUAN COUNTY, NM

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
FOUR STAR OIL GAS COMPANY  
Contact: APRIL E POHL  
E-Mail: APRIL.POHL@CHEVRON.COM

3a. Address  
332 ROAD 3100  
AZTEC, NM 87410  
3b. Phone No. (include area code)  
Ph: 505-333-1941

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 23 T29N R12W SWSE 1100FSL 2000FEL  
36.707687 N Lat, 108.066055 W Lon

**12. CHECK THE 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"/> Hydraulic Fracturing	<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 Operation: 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 must 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 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

THIS WELL WAS RECENTLY PLUGGED AND ABANDONED. WHEN CUTTING OFF CASING FOR INSTALLATION OF WELL MARKER A PROBLEM WAS DISCOVERED. THIS NECESSITATES A DRILL OUT AND PLUGGING AGAIN.

MI and RU. PU drill collar(s) and power swivel. Drill out cement to appropriate depth. RU wireline and perforate 4 squeeze holes at 100'. If able to establish circulation mix and pump cement to surface; circulating good cement out casing and annulus. SI well and hesitate squeeze until well locks up. If unable to establish circulation then perforate 4 squeeze holes at 50'. RIH with tubing to 150'.

Mix and pump cement to surface; circulating good cement out casing and annulus. WOC. If cement is at surface set P&A marker. RD and MOL. If cement is not at surface then contact operator for further instructions.

OIL CONS. DIV DIST. 3  
JUL 31 2017

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

**Electronic Submission #382451 verified by the BLM Well Information System For FOUR STAR OIL GAS COMPANY, sent to the Farmington Committed to AFMSS for processing by ABDELGADIR ELMADANI on 07/27/2017 (17AE0273SE)**

Name (Printed/Typed) APRIL E POHL	Title PERMITTING SPECIALIST
Signature (Electronic Submission)	Date 07/25/2017

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By <u>ABDELGADIR ELMANDANI</u>	Title <u>PETROLEUM ENGINEER</u>	Date <u>07/27/2017</u>
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 <u>Farmington</u>

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.



**Revisions to Operator-Submitted EC Data for Sundry Notice #382451**

	<b>Operator Submitted</b>	<b>BLM Revised (AFMSS)</b>
Sundry Type:	ABD NOI	ABD NOI
Lease:	NMNM014378	NMNM014378
Agreement:		
Operator:	FOUR STAR OIL & GAS CO 332 ROAD 3100 AZTEC, NM 87410 Ph: 505-333-1941	FOUR STAR OIL GAS COMPANY 332 ROAD 3100 AZTEC, NM 87410
Admin Contact:	APRIL E POHL AUTHORIZED REPRESENTATIVE E-Mail: April.Pohl@chevron.com  Ph: 505-333-1941	APRIL E POHL PERMITTING SPECIALIST E-Mail: APRIL.POHL@CHEVRON.COM Cell: 505-386-8074 Ph: 505-333-1941
Tech Contact:	APRIL E POHL AUTHORIZED REPRESENTATIVE E-Mail: April.Pohl@chevron.com  Ph: 505-333-1941	APRIL E POHL PERMITTING SPECIALIST E-Mail: APRIL.POHL@CHEVRON.COM Cell: 505-386-8074 Ph: 505-333-1941
Location:		
State:	NM	NM
County:	SAN JUAN COUNTY	SAN JUAN
Field/Pool:	DAK/FULCHER KUTZ PC	BASIN DAKOTA FULCHER KUTZ PICTURED CLIFFS
Well/Facility:	H J LOE FEDERAL B 3E Sec 23 T29N R12W SWSE 1100FSL 2000FEL 36.707687 N Lat, 108.066055 W Lon	H J LOE FEDERAL B 3E Sec 23 T29N R12W SWSE 1100FSL 2000FEL 36.707687 N Lat, 108.066055 W Lon

# H. Loe Federal B #3E

As P&A on 5/4/17

Basin Dakota / Fulcher Kutz Pictured Cliffs

1100' FSL, 2000' FEL, Section 23O, T-29-N, R-12-W

San Juan County, NM, API #30-045-24555

Today's Date: 518/17  
Spud: 9/29/80  
DK Completed: 10/31/80  
PC Completed: 10/1/92  
Elevation: 5583' GL  
5595' KB

Ojo Alamo @ 390'

12.25" hole

Kirtland @ 566'

Fruitland @ 1247'

Pictured Cliffs @ 1608'

Chacra @ 2595'

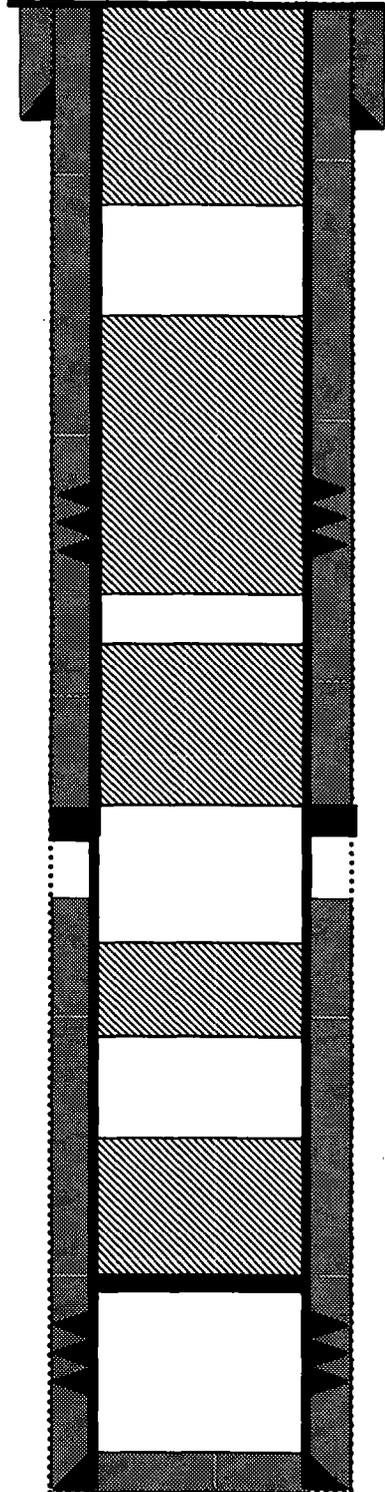
Mesaverde @ 3143'

Mancos @ 4332'

Gallup @ 5225'

Dakota @ 5966'

7.875" hole



TD 6278'

TOC @ 50' (CBL 2017)

8-5/8" 24# Casing set @ 481'  
Cement with 440 sxs.

Plug #5: 660' - 0'  
Class B cement, 60 sxs

Plug #4: 1670' - 1143'  
Class B cement, 40 sxs

Pictured Cliffs Perforations:  
1614' - 1656'

Plug #3: 3193' - 2468'  
Class B cement, 55 sxs  
(extra cement due to open  
perforations above plug)

DV Tool at 3264'  
2nd Stage: Cement with 1250 sxs

TOC @ 3970' (CBL 2017)

Plug #2: 4385' - 4227'  
Class B cement, 12 sxs

Plug #1: 6016' - 5120'  
Class B cement, 68 sxs

Set CR @ 6016'

Dakota Perforations:  
6066' - 6179'

4.5", 10.5# Casing set @ 6278'  
1st Stage: Cement with 1200 sxs