

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.
NMNM080280

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
NMNM112617

8. Well Name and No.
MEXICO FEDERAL M 2S

9. API Well No.
30-045-31938-00-S1

10. Field and Pool or Exploratory Area
BASIN FRUITLAND COAL

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

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well
 Oil Well Gas Well Other: COAL BED METHANE

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 12 T31N R13W NWSE 1575FSL 1605FEL
36.911150 N Lat, 108.151568 W Lon

12. CHECK THE 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"/> 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 checked="" 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 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.

THE BRADENHEAD ON THIS WELL HAS BEEN REPAIRED:
11/17/2016

MIRU.
Press test tbg to 650psi - good test. Well press: Surface 85psi - bled down instantly. Prod csg: 50psi - bled down w constant flow. No comm between 5-1/2" prod csg and 8-5/8" surface csg. SWIFN.
11/18/2016

POOH rod string, pump. ND WH, install BPV. Installed BOP's. POOH 2-3/8" J55 prod string. Spot in wireline. RU, press test lubricator to 500psi - good. RIH w 4.68" gauge ring. Ran to 2306', tagged fill. POOH w gauge ring. RIH w 5-1/2" Weatherford 10k psi CIBP. Correlate depth, set plug @1815'. POOH setting tool. RD wireline. TIH to 1804'. Load hole w 40bbls fresh city water. Press test csg/plug to 550psi 15min - good.
Remove, replace seized lock down pin. Replaced packing on remaining lock down pins. POOH tbg.

OIL CONS. DIV DIST 3
JAN 20 2017

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

**Electronic Submission #360835 verified by the BLM Well Information System
For FOUR STAR OIL GAS COMPANY, sent to the Farmington
Committed to AFMSS for processing by JACK SAVAGE on 12/14/2016 (17JWS0032SE)**

Name (Printed/Typed) APRIL E POHL	Title PERMITTING SPECIALIST
Signature (Electronic Submission)	Date 12/13/2016

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ACCEPTED	JACK SAVAGE Title PETROLEUM ENGINEER	Date 12/14/2016
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 Farmington

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.

(Instructions on page 2)

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

Additional data for EC transaction #360835 that would not fit on the form

32. Additional remarks, continued

SWIFN.

11/19/2016

Spot in WL. RU lubricator, press test to 2000psi. RIH Isolation Scanner tool. RIH to 1785', record CBL to surface. Initial results show micro-annulus in various locations throughout. Run back to 1785', pressd up to 2000psi, recording CBL to surface. Compared results to isolate potential void/micro-annulus.

Discussed results w CVX engineers, NMOCD official, determined to perforate squeeze holes @1020'. RIH w 3-1/8" perf gun loaded @6spf, 60deg phase. Correlate to depth - collar at 1020'. Pull to 1015', perforate - all shots fired. No comm to surf csg. POOH.

Attempt to establish injection rate into squeeze perms @1015'. Pressd to 2000psi - bled off 500psi in 1 min. Attempted to pump down 8-5/8" surface csg, took 0.4bbbls fresh water to fill csg. Pressd up to 300psi - no bleed off for 1 min.

11/20/2016

Surface 40psi, SICP 0psi. RU cementers. RIH notched collar to 1061'. Press test lines to 3000psi. Est circ w 2bbbls fresh water. Pump 6bbbls (40sx) Fine Cem @12ppg. Displace w 2.5bbbls fresh water, let equalize. POOH to 873', reverse clean. Circed 1.0bbbl cement to tank. POOH tbg.

Press to 1500psi, record bleed off. Press declined to 1460psi in 15min. Pressd to 1600psi, record bleed off. Press declined to 1550psi in 15min. Shut in well. Used total 0.25bbbl squeeze displacement. No comm to surface csg.

11/21/2016

Well press: Surf csg 65psi. Prod csg 750psi.

11/29/2016

SICP: 450 psi, shut-in surface csg: 85 psi. PU 4-3/4" tri-cone rock bit, bit sub, 4-3 1/2" DC's, XO. RIH w BHA, 2-3/8" prod tbg, top of balanced cement plug at 901'. RU power swivel, break circ, DO cement, 901' to 1072', clean out stringers, circ clean. Test 5-1/2" prod csg 1000 psi 15 mins, good test.

RIH top 5-1/2" CBP at 1815'. POOH w 10 joints, displace fluid level below BOPE.

11/30/2016

SICP: 0 psi, shut-in surface casing: 85 psi. WO NMOCD. RIH w 10 jts 2-3/8" tubing, R/U power swivel. Bleed down surf csg, monitor 15 min. Perform official MIT on 5-1/2" prod csg with NMOCD, Monica Kuehling, witnessing test.

Drill out 5 1/2" CBP at 1815', chase bottom half CBP to bottom, clean out to 2314' PBSD, circulate clean. RD power swivel, LD 2 3/8" tbg to landing depth. RIH w 2-3/8" mule shoe, PSN, 69 joints 2-3/8", RE-RUN prod tbg.

SEE ATTACHED FOR REMAINDER OF PROCEDURE.

12/1/2016

SICP: 50 psi, shut-in surface csg: 75 psi ND 7-1/16" 3M double gate BOPE w annular
NU 7-1/16" 3M tbg bonnet, flowline, test void to 3K psi for 5 mins, good.

RU rod handling equipment

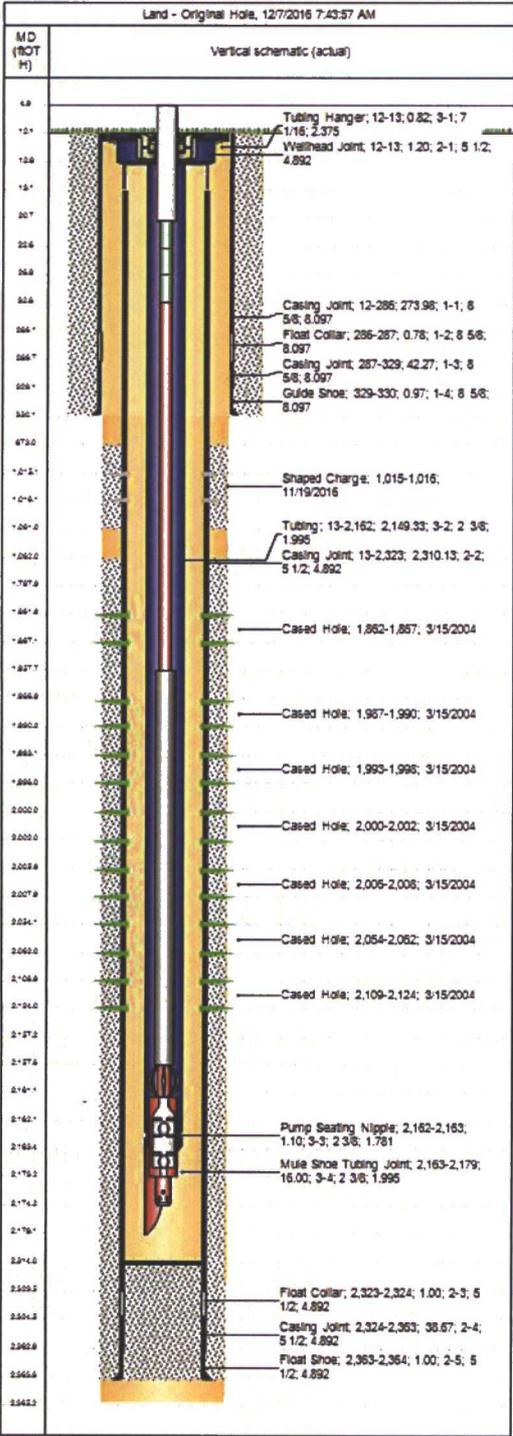
RIH w 2" x 1-1/4" x 12' x 12' x 3" RHAC-Z rod pump w 12" strainer, 7/8" stabilizer rod, 8-1 1/4" sinker bars, 77-3/4" sucker rods,
8'-3/4" pony rod, 2-6'-3/4" pony rods, 2'-3/4" pony rod, 1-1/4" polished rod. Tag PSN, check space out, seat rod pump

Fill 2 3/8" prod tbg, test to 500 psi for 5 mins, good test Test pump function, good test. RDMO.



Wellbore Schematic

Well Name Mexico Federal M-2S	Lease Mexico Federal M	Field Name Basin(New Mexico)	Business Unit Mid-Continent
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Job Details

Job Category	Start Date	Rig/Unit End Date
Major Rig Work Over (MRWO)	11/17/2016	12/2/2016

Casing Strings

Csg Des	OD (in)	WLen (ft)	Grade	Top Thread	Set Depth (MD) (ft)
Surface	8 5/8	24.00	J-55	STC	330
Production Casing	5 1/2	17.00	N-80	LT&C	2,364

Tubing Strings

Tubing - Production set at 2,179.3ftOTH on 11/30/2016 15:45

Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Blm (ftOTH)
Tubing Hanger	1	7 1/16			0.82	12.8
Tubing	69	2 3/8	4.70	J-55	2,149.33	2,162.2
Pump Seating Nipple	1	2 3/8			1.10	2,163.3
Mule Shoe Tubing Joint	1	2 3/8	4.70	J-55	16.00	2,179.3

Rod Strings

Rods on 12/1/2016 11:45

Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Blm (ftOTH)
Polished Rod	1	1 1/4			16.00	20.8
Pony Rod	1	3/4			2.00	22.8
Pony Rod	1	3/4			4.00	26.8
Pony Rod	1	3/4			6.00	32.8
Sucker Rod	77	3/4	1.63	D	1,825.00	1,957.8
Sinker Bar	8	1 1/4	4.17		200.00	2,157.8
Stabilizer Rod	1	7/8			3.40	2,161.2
Rod Pump	1	1 3/4			12.00	2,173.2
Strainer	1	1			1.00	2,174.2

Perforations

Date	Top (ftOTH)	Blm (ftOTH)	Shot Dens (shots/ft)	Entered Shot Total	Linked Zone
11/19/2016	1,015.0	1,016.0		6	Fruitland Coal, Original Hole
3/15/2004	1,862.0	1,867.0			Fruitland Coal, Original Hole
3/15/2004	1,987.0	1,990.0			Fruitland Coal, Original Hole
3/15/2004	1,993.0	1,998.0			Fruitland Coal, Original Hole
3/15/2004	2,000.0	2,002.0			Fruitland Coal, Original Hole
3/15/2004	2,006.0	2,008.0			Fruitland Coal, Original Hole
3/15/2004	2,054.0	2,062.0			Fruitland Coal, Original Hole
3/15/2004	2,109.0	2,124.0			Fruitland Coal, Original Hole

Other Strings

Run Date	Pull Date	Set Depth (ftOTH)	Com

Other In Hole

Des	Top (ftOTH)	Blm (ftOTH)	Run Date	Pull Date	Com
Bridge Plug (Drillable)	1,815.0	1,816.0	11/18/2016	11/30/2016	Weatherford 10k composite plug



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

MECHANICAL INTEGRITY TEST REPORT

(TA OR UIC)

Date of Test 11-30-16 Operator Four Star API # 30-0 45 31938
Property Name Mexico Fed. M Well # 25 Location: Unit Sec 12 Twn 3 Rge 13

Land Type: State Federal Private Indian

OIL CONS. DIV DIST. 3 NOV 30 2010

Well Type: Water Injection Salt Water Disposal Gas Injection Producing Oil/Gas Pressure observation

Temporarily Abandoned Well (Y/N) TA Expires:

Casing Pres. Bradenhead Pres. Tubing Pres. Int. Casing Pres. Tbg. SI Pres. Tbg. Inj. Pres. Max. Inj. Pres.

Pressured annulus up to 570 psi. for 30 mins. Test passed/failed

REMARKS: Corrod. bit tubing 1850

By Kevin Heisl (Operator Representative) Well Site Manager (Position)

Witness Monica Cuchling (NMOCD)

Revised 02-11-02