

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT --" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well: ☐ OIL WELL ☒ GAS WELL ☐ OTHER

2. Name of Operator
FOUR STAR OIL AND GAS COMPANY

3. Address and Telephone No.
3300 N. Butler Ave., Suite 100 Farmington NM 87401 325-4397

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Unit Letter N : 1190 Feet From The SOUTH Line and 1840 Feet From The
WEST Line Section 09 Township T28N Range R10W

5. Lease Designation and Serial No.
NM-048569

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and Number
MEXICO FEDERAL B
1

9. API Well No.
3004507575

10. Field and Pool, Exploratory Area
BASIN FRUITLAND COAL

11. County or Parish, State
SAN JUAN, NM

12. Check Appropriate Box(s) 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"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input checked="" type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Attaching Casing
	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log Form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

FOUR STAR OIL & GAS PROPOSES TO PLUG BACK THE EXISTING COMPLETION IN THE AZTEC PICTURED CLIFFS POOL, AND COMPLETE THE BASIN FRUITLAND COAL INTERVAL. THE ATTACHED PROCEDURE WILL BE UTILIZED. PLEASE REFER TO THE ATTACHED PROCEDURE AND WELLBORE DIAGRAMS.

RECEIVED
DEC 29 1997
OIL CON. DIV.
DIST. 3

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

SIGNATURE Richard Allen Davis TITLE Operating Unit Manager DATE 11/18/97

TYPE OR PRINT NAME Allen Davis

(This space for Federal or State office use)

APPROVED /s/ Duane W. Spencer

CONDITIONS OF APPROVAL, IF ANY: _____ TITLE _____ DATE DEC 22 1997

Title 18 U.S.C. Section 1001, makes 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.

DISTRICT I

P.O. Box 1980, Hobbs, NM 88241-1980

DISTRICT II

P.O. Box Drawer DD, Artesia, NM 88211-0719

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV

P.O. Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-102
Revised February 10, 1999
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies
AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 3004507575	2 Pool Code 71629	3 Pool Name BASIN FRUITLAND COAL
4 Property Code 017699	5 Property Name MEXICO FEDERAL B	6 Well No. 1
7 OGRID Number 131994	8 Operator Name FOUR STAR OIL AND GAS COMPANY	9 Elevation 5789'

10 Surface Location

UI or lot no N	Section 09	Township T28N	Range R10W	Lot.Idn	Feet From The 1190	North/South Line SOUTH	Feet From The 1840	East/West Line WEST	County SAN JUAN
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11 Bottom Hole Location If Different From Surface

UI or lot no.	Section	Township	Range	Lot.Idn	Feet From The	North/South Line	Feet From The	East/West Line	County
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12 Dedicated Acre 250.68 263.65	13 Joint or Infill No	14 Consolidation Code	15 Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16	<p>FROM ORIGINAL SURVEY BY JAMES P. LEESE JULY 8, 1959</p>	<p>17 OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</p> <p>Signature <i>Allen Davis</i> Printed Name Allen Davis Position Operating Unit Manager Date 12/16/97</p> <p>18 SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.</p> <p>Date Surveyed</p> <p>Signature & Seal of Professional Surveyor</p> <p>Certificate No.</p>
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Workover Procedure

1. Insure that a BLM Sundry and an NMOC administrative approval for a non-standard spacing unit has been approved. Insure that any stipulations of approval are adhered to. Inspect and repair rig dead man anchors as needed. Maintain morning reporting.
2. MIRU well service unit. NDWH. NUBOP.
3. Kill well with 2% KCl water if necessary. POOH with and lay down 2013' of 1" production tubing.
4. RIH with 4-1/2" cement retainer on 2-7/8" workstring. Set retainer at 1940'. Pump into Pictured Cliffs perforations to establish rate and pressure using fresh or produced water. Pump 75 sacks class G cement with fluid loss and dispersant additives. Tail in with 50 sacks class G neat cement. Sting out of retainer and reverse workstring until clean. TOOH with workstring.
5. RU wireline service. Perforate the following Basin Fruitland Coal intervals w/ 2 JSPF in 4-1/2" csg, Schlumberger 3-1/8" HEGS, w/180 degree phasing (0.39" entrance hole diameter):

<u>Interval</u>	<u>Net ft</u>	<u># holes</u>
1916'-1926'	10'	20

Log reference: Lane wells GR-CCL dated 7/24/59

6. RIH with 4-1/2" treating packer (Guiberson Uni-VI) on 2-7/8" workstring. Spot 3 Bbls 15% HCl across perforations 1916'-1926'. Pull packer up-hole and set at 1800'.
7. RU Dowell. Pressure up backside to 500 psi and monitor. Fracture stimulate lower Fruitland Coal perfs down 2-7/8" tbg with 15,000 gals 70 quality stable nitrogen foamed WF-120 gel and 30,000 lbs 16/30 sand according to the attached Dowell frac schedule. Add Prop-Net to the last 6,000 lbs of sand. Under flush by 1-2 barrels. If Nolte plot net pressure is stable, taper down rate during flush to assist tip screen-out and minimize fluid momentum at final shut down. Obtain ISIP, then begin immediate flow back at 1 BPM in order to "force close" the fracture. Flow back at 1-2 BPM until gel has broken as per pre-job test, then go wide open in order to utilize the nitrogen to help bring back load. Shut-in for the night.
8. Kill well with 2% KCl water if necessary. Unset packer and POOH with 2-7/8" workstring.
9. RU wireline. RIH with 4-1/2" RBP (on wireline or tubing) and set at 1883'. Spot 2 sacks sand on top of RBP. Perforate the following Basin Fruitland Coal intervals w/ 2 JSPF in 4-1/2" csg, Schlumberger 3-1/8" HEGS, w/180 degree phasing (0.39" entrance hole diameter):

<u>#</u>	<u>Interval</u>	<u>Net ft</u>	<u># holes</u>
1.	1795'-1800'	5	10
2.	1810'-1814'	4	8
3.	1820'-1826'	6	12
4.	1832'-1838'	6	12
5.	1846'-1850'	4	8

Log reference: Lane wells GR-CCL dated 7/24/59

10. RIH with 4-1/2" treating packer on 2-7/8" workstring. Spot 4 Bbls 15% HCl across perforations 1795'-1850'. Pull packer up-hole and set at 1695'.

11. RU Dowell. Pressure up backside to 500 psi and monitor. Fracture stimulate upper Fruitland Coal perfs down 2-7/8" tbg with 35,000 gals 70 quality stable nitrogen foamed gel and 70,000 lbs 16/30 sand according to the attached Dowell frac schedule. Add Prop-Net to the last 14,000 lbs of sand. Under flush by 1-2 barrels. If Nolte plot net pressure is stable, taper down rate during flush to assist tip screenout and minimize fluid momentum at final shut down. Obtain ISIP, then begin immediate flow back at 1 BPM in order to "force close" the fracture. Flow back at 1-2 BPM until gel has broken as per pre-job test, then go wide open in order to utilize the nitrogen to help bring back load. Shut-in for the night.
12. Swab/flow using nitrogen to help recover load. Release packer and POOH w/ 2-7/8" workstring. RIH with hydrostatic bailer and clean out sand to RBP at 1883'. RIH with retrieving head on 2-7/8" workstring and unset RBP, POOH. Clean out to top of CIBP at 1940' using hydrostatic bailer.
13. RIH with of 1" production string to 1828'. NDBOP, NUWH, RD well service unit. Place well back on line. Notify EA to file subsequent sundry.

MRR 11/18/97

Capacities:

Burst:

2-7/8", 6.5#, J-55 tbg	0.2431 gals/ft (0.00579 Bbls/ft)	7,260 psi (80% = 5,808 psi)
4-1/2", 9.5#, J-55 csg	0.6825 gals/ft (0.0162 Bbls/ft)	4,380 psi (80% = 3,504 psi)
2-7/8" x 4-1/2", 9.5# annulus	0.3453 gals/ft (0.0082 Bbls/ft)	



MEXICO FEDERAL B No. 1

Current Completion

WELL:

Mexico Federal B #1

API #: 30-045-07575

LOCATION:

Ltr. N, Sec. 9, T28N, R10W

1190' FSL & 1840' FWL

SPUD DATE: 7/13/59

COMPL. DATE: 8/7/59

ELEVATION:

KB - 5789'

GR - 5781'

FORMATION TOPS:

Aztec Fruitland Sand 1766'

Basin Fruitland Coal 1790'

Aztec Pictured Cliffs 1940'

Lewis Shale 2025'

Aztec Pictured Cliffs

Perforations:

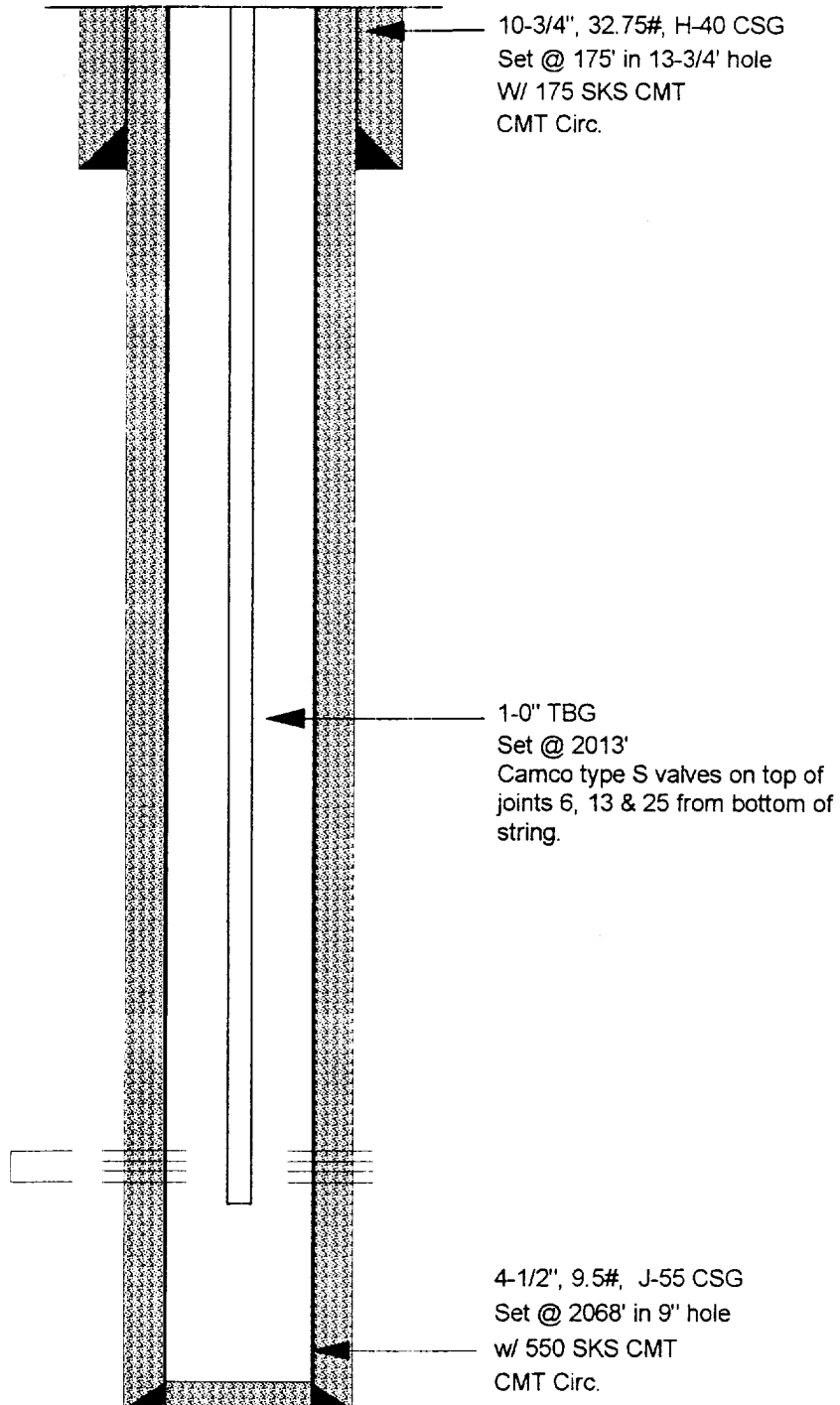
1948'-1960'

1966'-1980'

1984'-1992'

4 JSPF

Frac'd w/ 41,670 gals water &
40,000# 20/40 sd





MEXICO FEDERAL B No. 1

Proposed Completion

WELL:

Mexico Federal B #1
API #: 30-045-07575

LOCATION:

Ltr. N, Sec. 9, T28N, R10W
1190' FSL & 1840' FWL

SPUD DATE: 7/13/59

COMPL. DATE: 8/7/59

ELEVATION:

KB - 5789'
GR - 5781'

FORMATION TOPS:

Aztec Fruitland Sand 1766'
Basin Fruitland Coal 1790'
Aztec Pictured Cliffs 1940'
Lewis Shale 2025'

Proposed Basin Fruitland Coal Perfs:

1795'-1800'
1810'-1814'
1820'-1826'
1832'-1838'
1846'-1850'
1916'-1926'
2 JSPF

Aztec Pictured Cliffs Perforations:

1948'-1960'
1966'-1980'
1984'-1992'
4 JSPF

Frac'd w/ 41,670 gals water &
40,000# 20/40 sd

