

**DISTRICT I**

P.O. Box 1980, Hobbs, NM 88240

**DISTRICT II**

P.O. Box Drawer DD, Artesia, NM 88210

**DISTRICT III**

1000 Rio Brazos Rd., Aztec, NM 87410

**OIL CONSERVATION DIVISION**

2040 S. Pacheco  
Santa Fe, New Mexico 87505-6429

WELL API NO.	3004510173
5. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil / Gas Lease No.	B-11479
7. Lease Name or Unit Agreement Name	NEW MEXICO COM M
8. Well No.	1
9. Pool Name or Wildcat	BASIN DAKOTA (PRORATED GAS)
10. Elevation (Show whether DF, RKB, RT, GR, etc.)	5882'

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT (FORM C-101) FOR SUCH PROPOSALS.	
1. Type of Well:	OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER
2. Name of Operator	FOUR STAR OIL AND GAS COMPANY
3. Address of Operator	3300 N. Butler Ave., Suite 100 Farmington NM 87401
4. Well Location	Unit Letter <u>A</u> : <u>1190</u> Feet From The <u>NORTH</u> Line and <u>1190</u> Feet From The <u>EAST</u> Line Section <u>36</u> Township <u>T31N</u> Range <u>R12W</u> NMPM <u>SAN JUAN</u> COUNTY
10. Elevation (Show whether DF, RKB, RT, GR, etc.)	5882'

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data			
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPERATION <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>		CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

FOUR STAR OIL & GAS CO. PROPOSES THE FOLLOWING ON THE SUBJECT WELL:

TO ADDITIONALLY COMPLETE THE SUBJECT WELL IN THE POINT LOOKOUT FM. OF THE SUBJECT WELL. THE ATTACHED PROGRAM WILL BE UTILIZED. PLEASE REFER TO THE ATTACHED WELLBORE DIAGRAMS.

RECEIVED  
DEC 19 1997  
OIL CON. DIV.  
DIST. 3

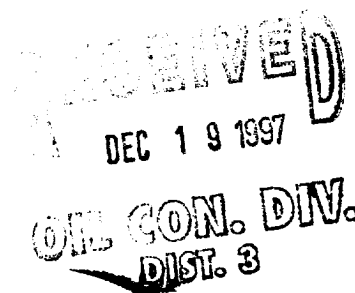
I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Allen Davis TITLE Operating Unit Manager DATE 12/10/97  
TYPE OR PRINT NAME Allen Davis Telephone No. 325-4397

(This space for State Use)

APPROVED BY Ernie Burch TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE DEC 23 1997  
ORIGINAL SIGNED BY ERNIE BURCH  
CONDITIONS OF APPROVAL, IF ANY:

Workover Procedure



1. Insure that a State sundry intent notice has been approved. Insure that any stipulations of approval are adhered to. Inspect and repair rig dead man anchors as needed. Maintain morning reports.
2. MIRU well service unit. NDWH. NUBOP.
3. Kill well with 2% KCl water if necessary. POOH with and lay down 6875' of 2-3/8" production tubing.
4. RU wireline. RIH with 5-1/2" RBP on wireline and set at 4770'. Test casing to 500 psig. Dump 2 sacks of sand on top of RBP with wireline bailer. Run and evaluate GR-CCL-CBL from 2600' to 4770'. Perforate the following Mesa Verde (Point Lookout) interval with 4 JSPF 37-J deep charges:

<u>Interval</u>	<u>Net ft</u>	<u># holes</u>
4640'-60'	20'	80

Log reference: Welex Induction Log dated 8/6/64

5. RIH with 5-1/2" treating packer on 3-1/2" workstring. Set above one joint above RBP. Test RBP to 3,000 psig. Spot 3 Bbls 15% HCl across perforations 4640-60'. Pull packer up-hole and set at 4540'.
6. RU Dowell. Pressure up backside to 500 psi and monitor. Break down and establish rate and pressure into perms using 2% KCl water (max. pressure = 3,400 psig). Fracture stimulate lower Fruitland Coal perms down 2-7/8" tbg with 66,000 gals 30# linear gel containing 100,000# 20/40 Brady sand and 15,000# 20/40 resin coated sand at 40 BPM as follows:

17,000	30# gel	0.00 ppg pad
15,000	30# gel	1.00 ppg 20/40
13,000	30# gel	2.00 ppg 20/40
13,000	30# gel	3.00 ppg 20/40
5,000	30# gel	4.00 ppg 20/40
3,000	30# gel	5.00 ppg 20/40 resin coated
1,700	2% KCl	0.00 flush

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 and monitor shut-in for 20 minutes. Shut-in for the night.

7. Swab in Point Lookout and establish flow (with packer still set). Tie in well into existing Dakota separator, test and recover as much load as possible.
8. Kill with 2% KCl water. Unset treating packer, POOH and laydown 3-1/2" workstring. RIH with hydrostatic bailer on 2-3/8" tbg and clean out to the top of the RBP at 4770'. POOH. RIH with retrieving head on 2-3/8" tubing and retrieve RBP.
9. RIH with 5-1/2", Guiberson G-6 production packer and on/off tool with 2052' of 2-3/8" tail pipe below packer and 4760' of 2-3/8" tubing above the packer. Swab liquids out of wellbore, then set packer at 4760'.

10. NDBOP, NUWH, RD well service unit. Set Mesa Verde production equipment. Place Mesa Verde and Dakota production back on line with compressor. Notify EA to file subsequent sundry and G-140 (workover severance tax reduction). Perform packer leakage test as required for dual completion.

MRR 12/8/97

Capacities:

2-3/8", 4.7#, J-55 tbg.	0.2431 gals/ft (0.00579 Bbls/ft)
3-1/2", 9.3#, N-80 tbg.	0.3652 gals/ft (0.00870 Bbls/ft)
5-1/2", 14#, J-55 csg	1.0249 gals/ft (0.0244 Bbls/ft)
2-3/8" x 5-1/2", 14# annulus	0.7948 gals/ft (0.0189 Bbls/ft)
3-1/2" x 5-1/2", 14# annulus	0.5251 gals/ft (0.0125 Bbls/ft)

Burst:

7,700 psi (80% = 6,160 psi)  
10,160 psi (80% = 8,128 psi)  
4,270 psi (80% = 3,416 psi)



## NEW MEXICO COM 'M' No. 1

## Current Completion

API # 30-045-10173

**LOCATION:** 1190' FNL & 1190' FEL,  
NE/NE (Unit Ltr. A), Sec. 36,  
T31N, R12W,  
San Juan Co., NM

**ELEVATION:** 5897' KB  
5885' GR

**SPUD DATE:** 7/29/64

**COMPL. DATE:** 9/28/64

2/91. Perfed Holes @ 803'  
SQZ w/ 225 SXS of CMT

2/91. Perfed Holes @ 1680'  
SQZ w/ 50 SXS of CMT

2/91. Perfed Holes @ 2275'  
SQZ w/ 150 SXS of CMT

**FORMATION TOPS:**

Fruitland 2097'  
Pictured Cliffs 2316'  
Pt. Lookout 4642'  
Mancos 4853'  
Dakota 6756'  
Greenhorn 6638'

5/74. SQZ Leak @ 3969'  
and

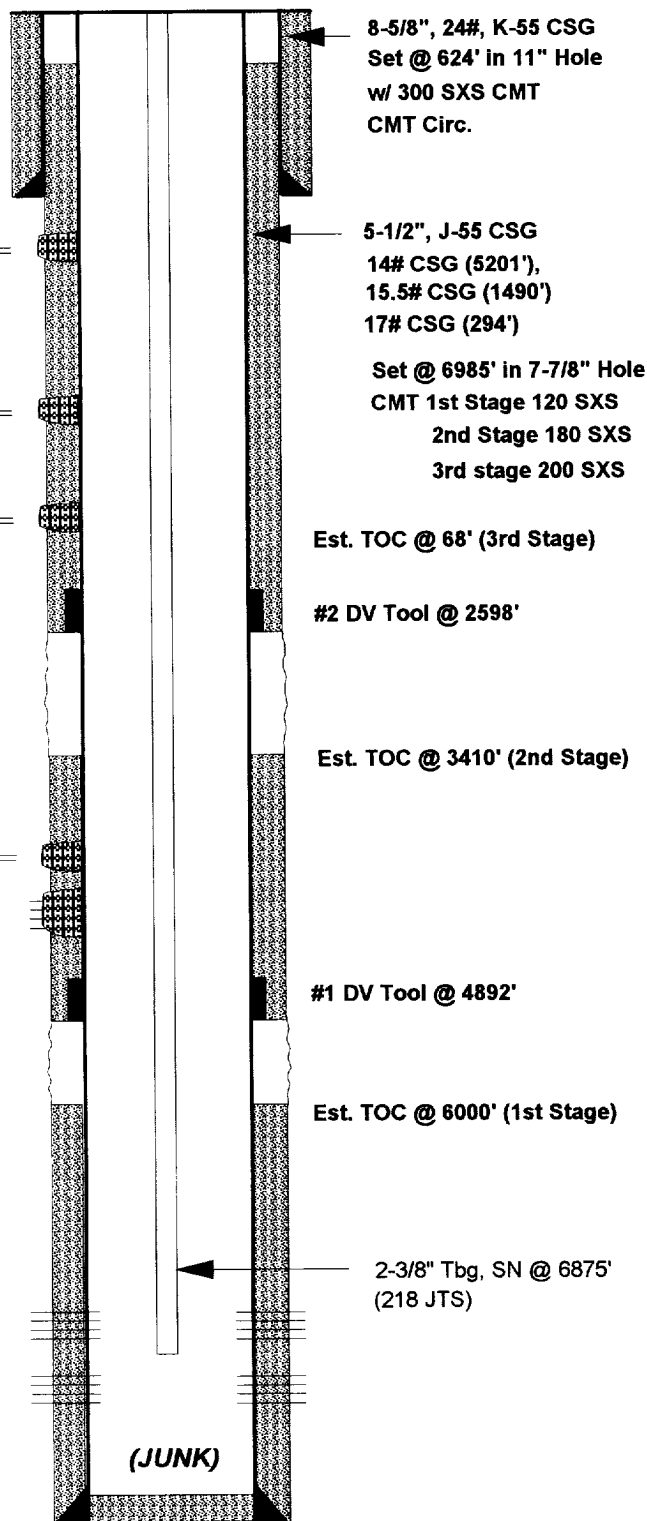
**MESA VERDE PERFS:**

4635'-43, 4646'-70'  
(1 JSPF)  
w/ 375 SXS CMT

**ORIG. STIMULATION:**  
FRAC. w/50,000 GALS WATER  
& 50,000 LBS SAND

**DAKOTA PERFS:**

6758'-66', 6842'-58'  
(1 JSPF)  
FRAC. w/45,000 GALS WATER  
& 45,000 LBS SAND  
6888'-91', 6913'-20'  
(2 JSPF)  
FRAC. w/15,000 GALS WATER  
& 15,000 LBS SAND



PBTD 6922'

TD 6985'



# NEW MEXICO COM 'M' No. 1

Proposed Dual Completion  
w/ new Mesa Verde Perfs

API # 30-045-10173

**LOCATION:** 1190' FNL & 1190' FEL,  
NE/NE (Unit Ltr. A), Sec. 36,  
T31N, R12W,  
San Juan Co., NM

**ELEVATION:** 5897' KB  
5885' GR

**SPUD DATE:** 7/29/64  
**COMPL. DATE:** 9/28/64

2/91. Perfed Holes @ 803'  
SQZ w/ 225 SXS of CMT

2/91. Perfed Holes @ 1680'  
SQZ w/ 50 SXS of CMT

2/91. Perfed Holes @ 2275'  
SQZ w/ 150 SXS of CMT

## FORMATION TOPS:

Fruitland 2097'  
Pictured Cliffs 2316'  
Pt. Lookout 4642'  
Mancos 4853'  
Dakota 6756'  
Greenhorn 6638'

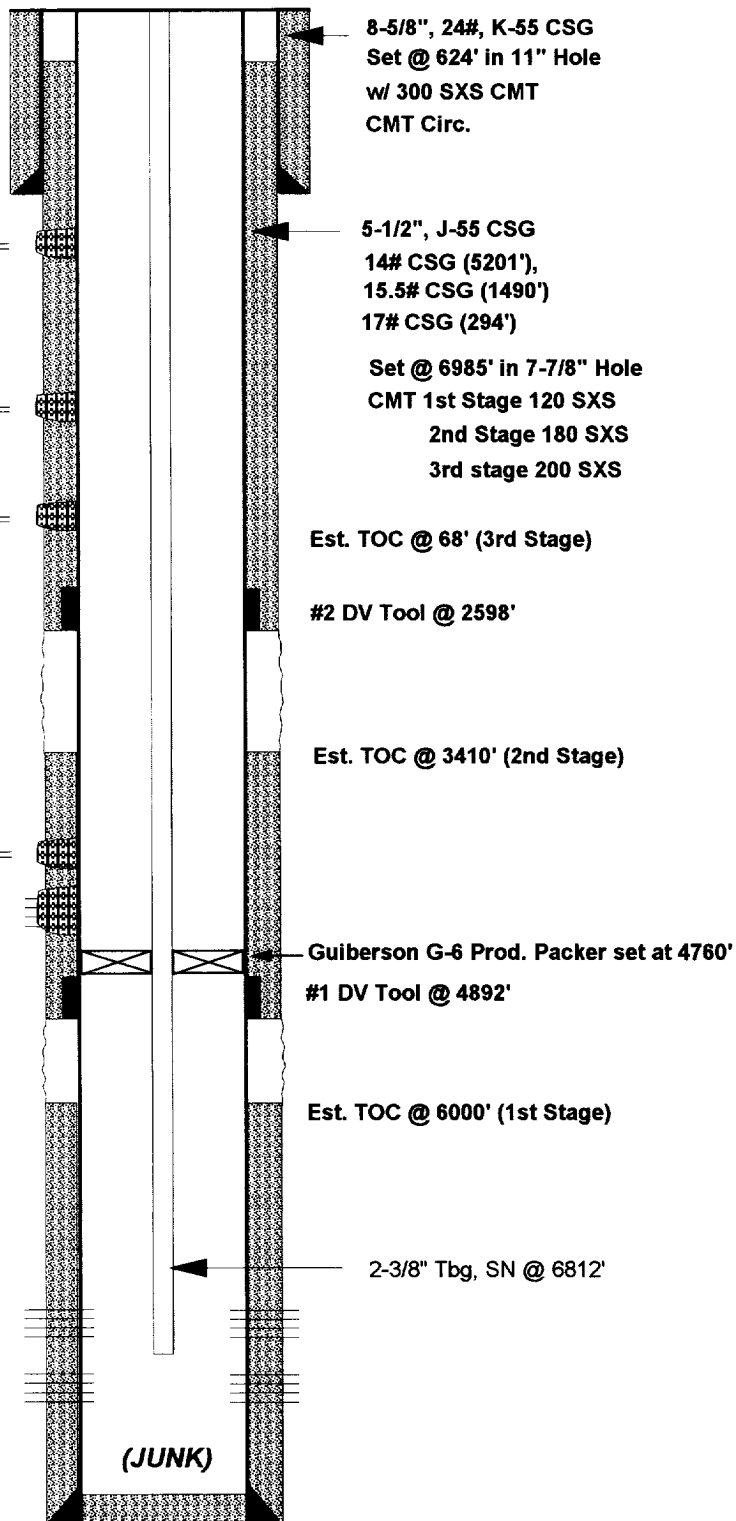
**Proposed new  
MESA VERDE  
PERFS:**  
4640'-60' (4 JSPF)

5/74. SQZ Leak @ 3969'  
and original  
**MESA VERDE PERFS:**  
4635'-43, 4646'-70'  
(1 JSPF)  
w/ 375 SXS  
CMT

**ORIG. STIMULATION:**  
FRAC. w/50,000 GALS WATER  
& 50,000 LBS SAND

## DAKOTA PERFS:

6758'-66', 6842'-58'  
(1 JSPF)  
FRAC. w/45,000 GALS WATER  
& 45,000 LBS SAND  
6888'-91', 6913'-20'  
(2 JSPF)  
FRAC. w/15,000 GALS WATER  
& 15,000 LBS SAND



PBTD 6922'

TD 6985'