

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.	3004523978
5. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil / Gas Lease No.	E1195
7. Lease Name or Unit Agreement Name	WAYNE MOORE COM
8. Well No.	1A
9. Pool Name or Wildcat	BLANCO MESAVERDE (PRORATED GAS)
10. Elevation (Show whether DF, RKB, RT,GR, etc.)	

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 PERMI
(FORM C-101) FOR SUCH PROPOSALS.

1. Type of Well:	OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>
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>P</u> : <u>790</u> Feet From The <u>SOUTH</u> Line and <u>790</u> Feet From The <u>EAST</u> Line Section <u>16</u> Township <u>T31N</u> Range <u>R09W</u> NMPM <u>SAN JUAN</u> COUNTY
10. Elevation (Show whether DF, RKB, RT,GR, etc.)	

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☒ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPERATION ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐
OTHER: ☐

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 COMPANY REQUESTS APPROVAL ON THE FOLLOWING:

WE PROPOSE TO ADD ADDITIONAL PERFS IN THE BLANCO MESA VERDE POOL OF THE SUBJECT WELL. THE ATTACHED PROCEDURE WILL BE UTILIZED. PLEASE REFER TO THE ATTACHED WELLBORE DIAGRAM.

RECEIVED
MAR - 9 1998
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 [Signature] TITLE Operating Unit Manager DATE 2/27/98
TYPE OR PRINT NAME Allen Davis Telephone No. 325-4397

(This space for State Use)

APPROVED BY [Signature] TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE MAR 12 1998

CONDITIONS OF APPROVAL, IF ANY:

Wayne Moore Com # 1-A

Workover Procedure

NMOCB

1. Insure that a ~~DEM~~ Sundry has been approved and any stipulations of approval are adhered to. Inspect and repair rig dead man anchors as needed.
2. MIRU well service unit. NDWH. NUBOP.
3. Retrieve plungers. Kill well with 2% Kcl water. Pull ER VI Packer set at 3321' lay down 2-3/8" and 1-1/2" tubing.
4. RU wireline. RIH with 5-1/2" RBP and set at 4785' (just above top of 3-1/2" liner). Dump 2 sacks of sand on top of RBP. Perforate the following Lewis (Cliff House transition and Otero) intervals with 2 JSPF, Schlumberger 4" HEGS: 4266', 4278', 4287', 4298', 4301', 4312', 4316', 4320', 4405', 4441', 4467', 4604', 4671', 4677', 4698', 4702', 4706', 4714', 4722', 4737', 4746', 4750', 4755', 4769'. 24' Net / 503' Gross, 48 holes.
5. RIH with 5-1/2" packer on 3-1/2", N-80 workstring. Set packer on top of RBP and test to 3,400 psig. Spot 600 gallons 15% HCl across perforations 4266'- 4769'. Raise packer up hole and set at 4166'.
6. RU Dowell frac equipment and ProTechnics for RA tagging. Monitor backside pressure (Pictured Cliffs). Fracture stimulate Lewis perms down 3-1/2" workstring with 5,000 gallons of WF130, 45,000 gallons of 70 quality foamed WF130 and 150,000 lbs of 20/40 Arizona sand at 30-40 BPM (3,400 psi max. surf. pressure) as follows:

5,000	WF130	0.00 pre pad
10,000	WF130 70Q FO	0.00 pad
2,000	WF130 70Q FO	2.00 ppg 20/40
6,000	WF130 70Q FO	3.00 ppg 20/40
12,000	WF130 70Q FO	4.00 ppg 20/40
10,000	WF130 70Q FO	5.00 ppg 20/40
5,000	WF130 70Q FO	6.00 ppg 20/40
1,600	2% KCl	Flush

ProTechnics will tag the sand with 3 solid zero wash isotopes: Iridium 192, Scandium 46 and Antimony SB124.

Fracture half length = 236 ft, average conductivity = 1,338 md. ft.

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 10-15 GPM (use 5 gallon bucket to measure) 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.

7. Release packer, POOH and laydown 3-1/2" workstring. TIH with 2-3/8" tubing, tag for fill and then set tbg at 4517'. Swab/flow using nitrogen to help recover load. RU slickline. Run 1.9" gauge ring. Run ProTechnics logging tool (1.69" O.D.) to determine the distribution of frac sand.
8. RIH with hydrostatic bailer and clean out sand to RBP at 4785'. RIH with retrieving tool on 2-3/8" tubing string and retrieve RBP.

9. TIH with production string as follows: 1-1/2" notched collar, 1-1/2" seating nipple, 64 jts (2037') 1-1/2" EUE 10 rd tbg, 5-1/2" x 2-3/8" ER VI packer, 2-3/8" seating nipple, 2-3/8" x 4' perf pup joint, 105 jts (3306') 2-3/8" EUE J-55 tbg. EOT 5364'. Set packer. Swab if necessary until flow is established
10. NDBOP, NUWH, RD well service unit.
11. RU slickline. Run 1.9" gauge ring to seating nipple at 3320'. Run bumper spring assemble with ball and seat standing valve into seating nipple at 3320'. Place well back on line as downhole PC/MV (& Lewis) commingled production. Notify EA to file subsequent sundry.

MRR 2/24/98

	Capacities:	Burst:
2-3/8", 4.7#, J-55 tbg	0.1624 gals/ft (0.00387 Bbls/ft)	7,700 psi (80% = 6,120 psi)
3-1/2", 9.3#, N-80 tbg	0.3652 gals/ft (0.00870 Bbls/ft)	10,160 psi (80% = 8,128 psi)
5-1/2", 14#, K-55 csg	1.0094 gals/ft (0.0240 Bbls/ft)	4,270 psi (80% = 3,416 psi)
5-1/2", 15.5#, K-55 csg	0.9996 gals/ft (0.0238 Bbls/ft)	4,810 psi (80% = 3,848 psi)
3-1/2", 9.2#, J-55 FJ	0.3652 gals/ft (0.0087 Bbls/ft)	6,980 psi (80% = 5,584 psi)



11/12/97

WAYNE MOORE COM No. 1-A

Current DHC Completion
w/ Proposed Lewis Perfs

API# 30 045 23978

LOCATION:

790' FSL & 790' FEL
SE/SE, Sec. 16, T31N, R09W
San Juan County

ELEVATION: 6319' KB

SPUD DATE: 2/07/80

COMPL. DATE: 4/14/80

FORMATION TOPS:

Pictured Cliffs 3103'
Huerfano Bentonite 3442'
Cliff House 4982'
Menefee 5066'
Pt. Lookout 5355'
Mancos 5754'

Pictured Cliffs Perfs:

3174'-98', 3201', 3204',
3208'-66', 3273', 3277',
3298'-3300' (2 JSPF)
(May 1991)

Proposed Lewis Perfs:

4266', 4278', 4287', 4298', 4301', 4312',
4316', 4320', 4405', 4441', 4467', 4604',
4671', 4677', 4698', 4702', 4706', 4714',
4722', 4737', 4746', 4750', 4769'.
(2 JSPF)

Mesa Verde Perfs:

4990'-5060', 5108', 5170', 5176', 5180',
5246', 5266', 5290', 5369', 5373', 5378',
5386', 5395', 5402', 5408', 5417', 5445',
5454', 5458', 5463', 5480', 5497',
5514', 5534', 5565', 5572', 5590',
5619', 5630', 5703', 5738'

(1 JSPF)

