

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised March 25, 1999

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-045-30507
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name: New Mexico Com C
7. Well No. IB
9. Pool name or Wildcat Blanco-Mesa Verde
10. Elevation (Show whether DR, RKB, RT, GR, etc.) 5892' GR

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:
Oil Well ☐ Gas Well ☒ Other

2. Name of Operator
Four Star Oil and Gas Company

3. Address of Operator
11111 S. Wilcrest Houston, Texas 77099

4. Well Location
Unit Letter L : 1515 feet from the South line and 660 feet from the West line
Section 36 Township 30N Range 10W NMPM San Juan County

10. Elevation (Show whether DR, RKB, RT, GR, etc.)
5892' GR

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 ☐ MULTIPLE COMPLETION ☐
OTHER: ☐

SUBSEQUENT REPORT OF:
REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ 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. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation.

As per the attached Four Star Oil and Gas hereby proposes to perforate and hydraulically fracture the Cliffhouse portion of the Mesa Verde formation.

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

SIGNATURE Kenneth W. Jackson TITLE Regulatory Specialist DATE 4/17/03
Type or print name Kenneth W. Jackson Telephone No. 281-561-4991
(This space for State use)
APPROVED BY [Signature] TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE APR 21 2003
Conditions of approval, if any:

**New Mexico Com 1C
Add Perfs in Cliffhouse**

1. POOH with plunger.
2. MIRU workover rig. ND wellhead. NU BOP and pressure test same.
3. POOH with 2 3/8" tubing.
4. RIH with composite bridge plug and set at 4245' (note collars at 4207' and 4251') above the existing Point Lookout and Menefee perfs.
5. RU Schlumberger. Install lubricator. Perforate the Mesaverde – Cliffhouse as shown below. Note that existing perfs are from 4352' – 4819' (Point Lookout and Menefee).

Perforation Details:

Interval	Thickness	Interval Between	Gun	Charge	spf	Phasing	# Shots
4086 4088	2		3 1/8" HEGS	34B, HJ RDX	2	90	4
4119 4131	12	31	3 1/8" HEGS	34B, HJ RDX	2	90	24
4174 4194	20	43	3 1/8" HEGS	34B, HJ RDX	2	90	40
4200 4234	34	6	3 1/8" HEGS	34B, HJ RDX	2	90	68
4086 4234	148						136

Correlation Log: Schlumberger Triple Combo log.

6. RD mast truck.

7. RU. Install wellhead isolation tool. Hydraulically frac Cliffhouse down 2 7/8" casing as follows. Ensure correct flush volume calc'd on site.

Treatment Schedule:

#/net foot 1429

Stage No.	Fluid Type	flow	N2	Bttm Slry Fm	Bttm N2	Bttm Prop	Prop	Clean	Bttm Cln Fm	Total SI	Stage	Total	Stage	Total
		rate	rate	Rate	qual	Conc	Conc	Volume	Volume	Volume	Time	Time	Mass	Mass
		(bpm)	scf/min	(bpm)	%	(ppg)	(ppg)	(gal)	(gal)	(gal)	(min)	(min)	(lb)	(lb)
Pad	70% foam w/ slickwater	9.0	17,296	30.0	70.0	0.0	0.0	4,050	13,500	4,050	10.71	10:42	0	0
0.5 ppg	70% foam w/ slickwater	9.5	16,913	30.0	70.0	1.7	0.5	5,400	18,000	9,860	14.61	25:19	9,000	9,000
1.0 ppg	70% foam w/ slickwater	9.9	16,547	30.0	70.0	3.3	1.0	5,700	19,000	16,420	15.76	41:05	19,000	28,000
1.5 ppg	70% foam w/ slickwater	10.3	16,197	30.0	70.0	5.0	1.5	6,000	20,000	23,770	16.95	58:02	30,000	58,000
2.0 ppg	70% foam w/ slickwater	10.7	15,861	30.0	70.0	6.7	2.0	6,300	21,000	31,970	18.17	76:12	42,000	100,000
Flush	2% KCL	9.0	17,296	30.0	70.0	0.0	0.0	6,600	22,000	38,570	17.46	93:40		

Total Clean Volume = 34,050 Gal Total

Net Feet 66 ft

Total Clean Volume = 811 bbls Total Sand Mass = 16/30 Brady 100,000 Lb

8. RD wellhead isolation tool. RU flowback line with 1/2" choke and flow well to pit. Flow and clean up well.
9. PU bit and 2 3/8", 4.6#, J-55 tubing. Clean out sand and drill out composite plug at 4245'.
12. RIH with production string as follows : 2 3/8" mule shoe guide, Otis 2 3/8" X nipple, 130 jnts 2 3/8", 4.6#, J-55 tubing to surface. EOT to be at ~4080'.
13. ND BOP. NU wellhead. RDMO workover rig.
14. Install PCS 3000 ultraflow plunger lift in X nipple. Hook well to gas sales line and place well on production.

Dimensions and Capacities

Item	O.D.	Wt / Ft	Grade	Thread	I.D.	Drift	Bbl/LF	LF/Bbl	Gal/LF	LF/Gal	Burst
Csg	4-1/2"	11.6 #	J-55	8RD	4.000	3.875	0.01550	64.34	0.6528	1.5319	5,350
Tbg	2-3/8"	4.6#	J-55	8RD	1.995	1.901	0.00387	258.65	0.1624	6.1582	7,700
2 3/8" x-nipple					1.875						

New Mexico Com "C" 1B

Current Schematic



API/UWI 3004530507	Field Name Blanco	Area	Operator Four Star O&G	County San Juan	State/Province New Mexico	Surface Legal Location 1515/FSL 660/FWL Sec 36 T30N R10W
KB Elevation (ft)	Ground Elevation (ft) 5939.00	Casing Flange Elevation (ft)	KB-Ground Distance (ft)	KB-Casing Flange Distance (ft)	Spud Date 3/30/2001	

