

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
May 27, 2004

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

WELL API NO. 30-045-22672
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. I-149-IND-8464 FEDERAL / INDIAN
7. Lease Name or Unit Agreement Name Nellie Platero (17709 Property Code)
8. Well Number 5A
9. OGRID Number 131994
10. Pool name or Wildcat Blanco-Mesaverde / Otero-Chacra
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 5,981' 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 & Gas Company (131994)

3. Address of Operator
15 Smith Road Midland, Texas 79705 (c/o Alan W. Bohling, Rm 4205)

4. Well Location
Unit Letter I : 1870 feet from the South line and 1135 feet from the East line
Section 11 Township 27-N Range 09-W NMPM San Juan County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
5,981' GR

Pit or Below-grade Tank Application ☐ or Closure ☐ Use Steel Flowback Tanks

Pit type: _____ Depth to Groundwater: _____ Distance from nearest fresh water well: _____ Distance from nearest surface water: _____

Pit Liner Thickness: _____ mil Below-Grade Tank: Volume: _____ Bbls; Construction Material: _____

12. 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 COMPL ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: Application for DHC, Blanco-Mesaverde / Otero-Chacra ☒

OTHER: ☐

13. 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 recompletion.

Four Star Oil & Gas Company respectfully submits this application for Administrative Approval to Downhole Commingle (DHC) production from the Blanco-Mesaverde (72319) and the Otero-Chacra (82329) Pools within the wellbore of the Nellie Platero # 5A. Both of these pools are included in the Pre-Approved Pools for Downhole Commingling established by NMOCD Division Order R-11363, Amending Rule 303.C (Case No. 12346 w/Exhibit "A").

This well is currently dually completed in both pools. We plan to pull tubing and production equipment, acid treat the Blanco-Mesaverde perfs from 4290'-4398' and the Otero-Chacra perfs from 2954'-3137' and then RIH with single tubing string and Downhole Commingle produce both pools within this wellbore.

Please see additional Downhole Commingle Supporting Data on Continuation Page 2 and attachments.

Concurrent DHC Application is being made with BLM, Farmington Office on Form 3160-5 on this same date.

RCVD JAN 25 '08
OIL CONS. DIV.
DIST. 3

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐ a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE: Alan W. Bohling TITLE: Regulatory Agent DATE: 01/21/2008

Type or print name: Alan W. Bohling E-mail address: ABohling@chevron.com Telephone No.: 432-687-7158

For State Use Only

Deputy Oil & Gas Inspector,
District #3

APPROVED BY: [Signature] TITLE: _____ DATE: JAN 29 2008

Conditions of Approval (if any):

Continuation Page 2 (Form C-103, Downhole Commingle Application, Dated 01/ 21/2008)

Nellie Platero #5A

(API # 30-045-22672)

1870' FSL & 1135' FEL

UL 1, NESE, Sec. 11, T-27-N, R-09-W

San Juan County, New Mexico

In support of this proposed Downhole Commingling request, Four Star Oil & Gas submits the following:

- a. The two pools to be commingled are the Blanco-Mesaverde (72319), with perforations from 4290'-4398' and the Otero-Chacra (82329), with perforations from 2954'-3137'.
- b. We have not experienced any significant cross flows between these two intervals and all fluids produced from these intervals are compatible.
- c. Downhole Commingling will not reduce the value of the total remaining production and will enhance the economic life of the well by eliminating redundant surface and downhole equipment if dually completed and by maximizing its productivity and total recoveries.
- d. Ownership percentages in the two zones are identical.
- e. Concurrent DHC Application is being sent on Form C-103 to the NMOCD, Aztec Office.
- f. Our proposed production allocation percentages are currently based on current and historical production from both the Blanco-Mesaverde and the Otero-Chacra zones, individually, by this well as it is currently dually completed (See Attached Table & Graphs).

	<u>Oil</u>	<u>Gas</u>	<u>Water</u>
Blanco-Mesaverde	100%	29%	50%
Otero-Chacra	0%	71%	50%

Summary Calculation Sheet for Proposed Allocation Percentages for Commingled Production Nellie Platero #5A Well (API # 30-045-22672)

AVERAGE OF MESAVERDE PRODUCTION FROM NELLIE PLATERO # 5A WELL

30-045-22672	BLANCO-MESAVERDE	5A	FOUR STAR OIL & GAS COMPANY									<u>Date</u>	<u>Oil Bbl/Day</u>	<u>Gas Mcf/Day</u>	<u>Water Bbl/Day</u>
												6/30/2007	0	352	0
												7/31/2007	0	403	0
												8/31/2007	0	288	0
												9/30/2007	0	353	0
												10/31/2007	0	379	0
												11/30/2007	0	381	0
MV AVG.													0	359	0

AVERAGE OF CHACRA PRODUCTION IN AREA OF NELLIE PLATERO #5A WELL

30-045-22672	OTERO-CHACRA	5A	FOUR STAR OIL & GAS COMPANY	I	12	27N	9W	ACT	MESAVERDE			<u>Date</u>	<u>Oil Bbl/Day</u>	<u>Gas Mcf/Day</u>	<u>Water Bbl/Day</u>
												6/30/2007	0	849	0
												7/31/2007	0	906	0
												8/31/2007	0	648	0
												9/30/2007	0	805	0
												10/31/2007	0	1207	0
												11/30/2007	0	954	0
CHACRA AVG.													0	895	0

PROPOSED DHC ALLOCATION PERCENTAGES FOR NELLIE PLATERO #5A WELL

	ALLOCATION FACTOR		
	OIL	GAS	WTR
MESAVERDE	100%	29%	50%
CHACRA	0%	71%	50%



Nellie Platero #5A
San Juan, New Mexico

Proposed Well Schematic as of 09/06/07

API: 30-045-22672
Legals: Sec 11 - T 27N - R 9W
Field: Blanco MV

Geologic Tops:
Chacra 3005'
Mesa Verda 3584'
Pt. Lookout 4214'

Gr Elev 5981'

Surface Casing:

9-5/8", 32.3 #, H-40, Set @ 330' in 12-3/4" Hole
TOC = 0' w/ 300 sks

Tubing

2-3/8" @ EOT (proposed by Jeff/Bret)

Production Casing:

7", 20 #, H-40, Set @ 2371' in 8-3/4" Hole
TOC = 231" w/ 375 sks
(calc. w/40% excess)

Liner Hanger @ 2281'

TOC @ 2654' (Calc w/50% excess)

Put on plunger lift (land tubing at ~4362')

4-1/2", 11.3#, J-55 Liner
Set @ 2281-4470' in 6-1/4" Hole
TOL @ 2281 w/ 225 sks

PBTD = 4440'

TD = 4485'

Chacra Perfs (12.07.92): Water Frac w/
90, 620# Sand & 950 bbls gel in 2 stgs,
w/ Sand conc. 1-6#. IR 30 bpm, max 3700#
12.08.92 Test 550 CAOF (24 hrs)

2954-57 (2 sh)	3114-17 (17 sh)
2973-76 (6 sh)	3134-37 (23 sh)
2998-3002 (12 sh)	

Mesa Verde Perfs (10/77): Water Frac w/
79,000 gals. Slick wtr. & 61,000# 20/40 Sand
11.09.07 Test 2276 CAOF (249 IP-3hrs)

4290-95 (10 sh)	4370-83 (26 sh)
4301-04 (6 sh)	4385-88 (6 sh)
4315-40 (50 sh)	4391-94 (6 sh)
4352-65 (26 sh)	4396-98 (4 sh)

Prepared by: Jean Kohoutek
Date: 09.06.07