

Submit 1 Copy To Appropriate District  
Office  
District I - (575) 393-6161  
1625 N. French Dr., Hobbs, NM 88240  
District II - (575) 748-1283  
811 S. First St., Artesia, NM 88210  
District III - (505) 334-6178  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV - (505) 476-3460  
1220 S. St. Francis Dr., Santa Fe, NM  
87505

State of New Mexico  
Energy, Minerals and Natural Resources

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

Form C-103  
Revised August 1, 2011

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)		WELL API NO. 30-039-21068
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> X Jicarilla Tribal
2. Name of Operator FOUR STAR OIL & GAS COMPANY		6. State Oil & Gas Lease No.
3. Address of Operator P.O. Box 730, Aztec, NM 87410 Attn: Regulatory Specialist		7. Lease Name or Unit Agreement Name Jicarilla C
4. Well Location Unit Letter E: 800 feet from the West line and 1735 feet from the North line Section 33 Township 25 North Range 5 West NMPM Rio Arriba County		8. Well Number No. 27
11. Elevation (Show whether DR, RKB, RT, GR, etc) 6689 Ground Level		9. OGRID Number 131994
		10. Pool name or Wildcat Otero Gallup/Basin Dakota

12. 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 OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input checked="" type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

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 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

See Attachment I, attached hereto and made a part hereof.

Spud Date:

Red BLM NOT APPROVAL (future DHC submission) Red

Rig Release Date:

OIL DIV. PROCEEDURE

DHC 3661AZ

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

SIGNATURE

*James Micikas*

TITLE Production Engineer

DATE 10-6-2011

Type or print name

JAMES MICIKAS

E-mail address: MICIKJD@chevron.com

PHONE: (505) 333-1920

For State Use Only

APPROVED BY:

*Christina*

TITLE

DATE

Conditions of Approval (if any):

A



District I  
 1625 N. French Dr., Hobbs, NM 88210  
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State of New Mexico  
 Energy, Minerals & Natural Resources Department  
 OIL CONSERVATION DIVISION  
 1220 South St. Francis Dr.  
 Santa Fe, NM 87505

Form C-102  
 Revised August 1, 2011  
 Submit one copy to appropriate  
 District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-039-21068		2 Pool Code 71599 Basin Dakota/48450 Otero Gallup		3 Pool Name Basin Dakota/Otero Gallup	
4 Property Code 17690		5 Property Name Jicarilla C			6 Well Number No. 27
7 OGRID No 131994		8 Operator Name Four Star Oil & Gas Company			9 Elevation 6689 ground elev

10 Surface Location

U/L or lot no. E	Section 33	Township 2S North	Range 5 West	Lot Idn	Feet from the 1735 ft	North/South line North	Feet from the 800 ft	East/West line West	County Rio Arriba
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11 Bottom Hole Location If Different From Surface

U/L or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
12 Dedicated Acres 320.00 N/2	13 Joint or Infill Joint	14 Consolidation Code Basin Dakota/Otero Gallup		15 Order No R-11363 Case 12346					

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 1735' ▶ 800'	Four Star Oil & Gas Company Existing Jicarilla C No. 27 Well Based on original Jan 1975 survey by James P. Leese, Professional Engineer & Land	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or undivided mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or as a voluntary pooling agreement or a compulsory pooling order therefore entered by the division. Signature: <i>James Meikes</i> Date: <i>10-11-11</i> Printed Name: James Meikes E-mail Address: MICIKJA@chevron.com	
		18 SURVEYOR CERTIFICATION 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 belief. Date of Survey: Signature and Seal of Professional Surveyor: Certificate Number:	



## **Jicarilla 27 Supplemental Data for C-103**

### **Well History**

This well was drilled in 1975 and completed in the Dakota only. Four Star Oil and Gas proposes to add a Gallup completion and seeks approval to downhole commingle the Dakota. On current spacing and with the economic limitations in drilling a stand-alone Gallup well, this is the most economic method of capturing the Gallup reserves. By running artificial lift (pumping unit) will prevent downhole problems between these two zones.

### **Production History**

The current production is 10 mcfpd from the Dakota with very little oil and water; cumulatively, the zones produce less than 0.3 bbl/day of fluids. An estimated initial rate for the Gallup completion is 42 mcfpd and 15 bopd. This estimate is based on IP's and production from surrounding wells in offset sections. See attached graphs and table for supporting data.

### **Allocation of Production**

Four Star Oil & Gas proposes to use an allocation based on the subtraction method. A baseline of production and decline will be established from the existing production data. The incremental production added after the Gallup completion will be used to determine an appropriate allocation factor for the new zone. See the attached historical production curves for the existing Dakota producing zones.

### **Working Interest and Royalty**

Four Star Oil & Gas own 100% working interest in all formations in this area including Gallup and Dakota. There is no uncommon interest case for these two zones.

Overall, the approval of this downhole commingle with pumping artificial lift will ensure the best way to recover marginal remaining reserves in the life of the Jicarilla C27 well. By doing so, this would protect the correlative rights and eliminate waste.

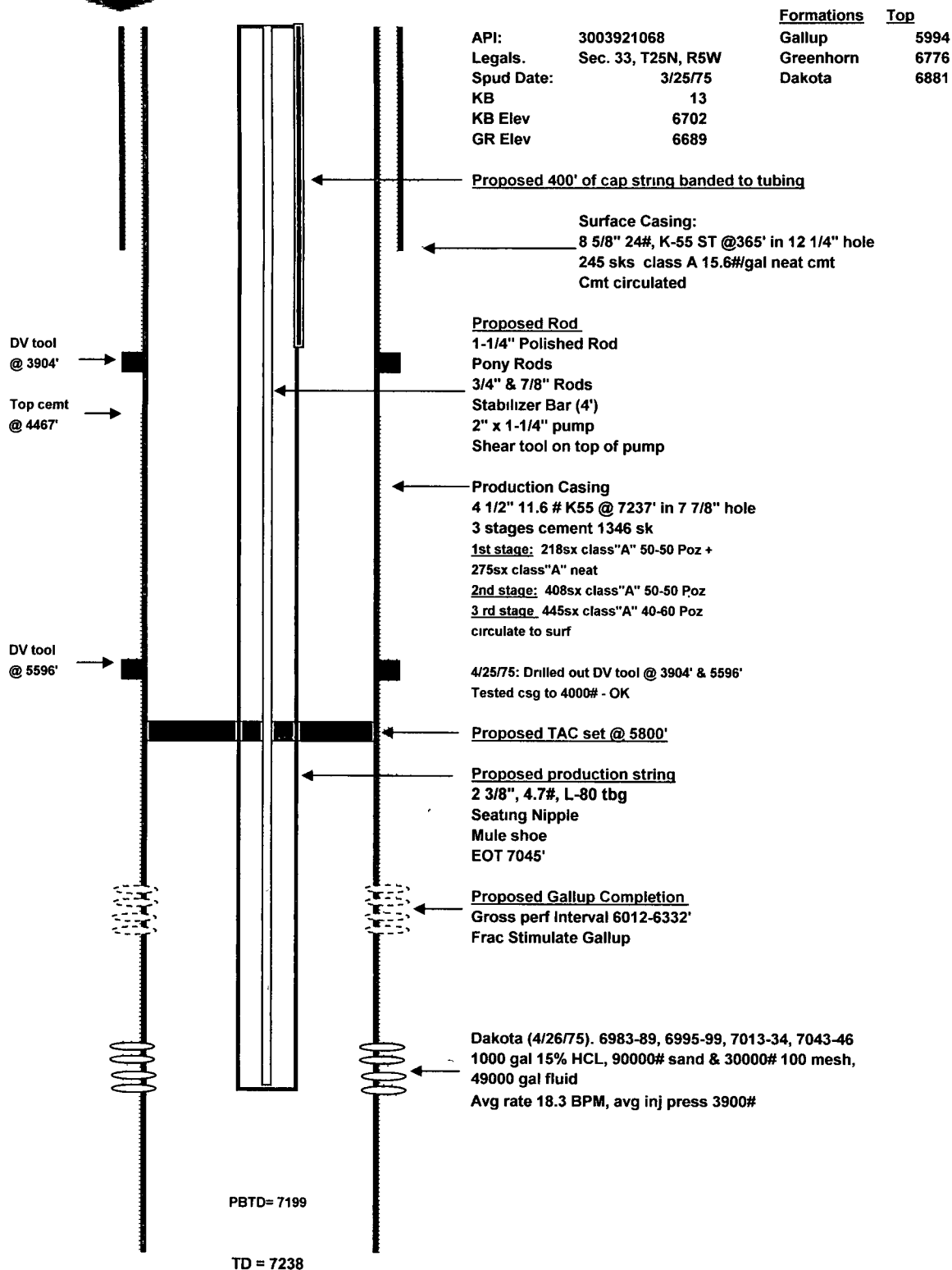
**Jicarilla C No. 27 Unit E Sec. 33 T25N/R05W Rio Arriba County, New Mexico**OGRID No. 131994 Property Code 17690 API No. 30-039-21068

Lease Type: Tribal - Jicarilla Federal

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Otero Gallup		Basin Dakota
Pool Code	48450		71599
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	Estimated gross interval to be perfed 6012'-6332' (TVD)		Perfed Interval 6983'-7046' (TVD)
Method of Production (Flowing or Artificial Lift)	Artificial Lift (Proposed Pumping Unit)		Flowing
Bottomhole Pressure (Note Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)	Within depth		Within depth
Oil Gravity or Gas BTU (Degree API or Gas BTU)	To be determined		1131
Producing, Shut-In or New Zone	New Zone		Producing
Date and Oil/Gas/Water Rates of Last Production. (Note For new zones with no production history, applicant shall be required to attach production estimates and supporting data )	Date: est. recompleted 11/2011  Rates: 15 BO / 42 MCF / 1 BW		Date: spud 03/1975  Rates: 0 BO/ 10 MCF / 0.1BW
Fixed Allocation Percentage (Note If allocation is based upon something other than current or past production, supporting data or explanation will be required )	Oil                      Gas  100   %              81   %		Oil                      Gas  0   %                  19   %



**Jicarilla C27**  
**Rio Arriba County, New Mexico**  
**Proposed Well Schematic**





**Jicarilla C27**  
**Rio Arriba County, New Mexico**  
**Current Well Schematic**

