



April E. Pohl
Regulatory Specialist

**Chevron North America
Exploration and Production Company**
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332 Road 3100
Aztec, New Mexico 87410
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December 9, 2013

Courtney Roseberry, Natural Resources Planner
LaPlata County
1060 East 2nd Ave
Durango CO 81301

Dear Courtney,

Enclosed you will find the Minor Facility Permit application for the State 36-4 well site (API 05-067-08401).

Also enclosed is a check for the application fee of \$1300.00.

Please call me or James Anderson if you have any questions. James' phone is 713- 372-9881. My cell phone is 505-386-8074.

Thank you and have a very Merry Christmas!

A handwritten signature in blue ink that reads "April E. Pohl".

April E. Pohl

Regulatory Specialist
332 Road 3100
Aztec, NM
Office 505-333-1941
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April.Pohl@chevron.com

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La Plata County Minor Oil and Gas Facility Application



Planning Department
1060 E. 2nd Ave.
Durango, CO 81301
<http://co.laplata.co.us>



- APPLICATION MUST BE SUBMITTED IN PERSON OR VIA U.S. MAIL
- VERIFY FEES PRIOR TO SUBMITTING
- PLEASE REFER TO CHAPTER 90 OF LA PLATA COUNTY LAND USE CODE

County Use Only – Date Received

Application Fees Submitted: \$ 1300.00 Additional Fees Submitted: \$ _____
Proposed Facility Name: State No. 36-4
12 digit Parcel #: 566536200193 Sec., Twp, Rng.: 36, 35N, 9W
Latitude (decimal degrees) 37.255506 Longitude (decimal degrees) -107.806671
Measurements from Section Lines: 1516 FSL, 2092 FWL

Applicant: Four Star Oil & Gas Company Contact Person: April Pohl
Address: 332 Road 3100, Aztec, NM 87410 Phone: 505-333-1941
Designated Agent? Yes No (if Yes, please provide proof of designation)
Agent: _____ Contact Person: _____
Address: _____ Phone: _____
Emergency Contact: _____ Phone: _____
Surface Owner: State of Colorado Surface Owner: _____
Address: 1127 Sherman St. Suite 300 Denver CO Address: _____
Phone: 303-866-3434 Phone: _____

APPLICANT'S/AGENT'S CERTIFICATION OF COMPLIANCE:

I, April Pohl, designated agent for Four Star Oil & Gas Company (Applicant), hereby certify that the information provided to La Plata County within and related/attached to this application complies with all La Plata County and State of Colorado regulations and is true and accurate. The Applicant will be held legally responsible for all acts, errors, and omissions arising from the development specified herein, and which is undertaken by the Applicant, Applicant's Employees, and any independent contactors and subcontractors pursuant to the approval of the application by La Plata County. By signing this application in accordance with all of the regulations of the La Plata Land Use Code, I hereby authorize La Plata County Employees to inspect the site for the Proposed Facility at any time before approval or denial of this application and upon reasonable notice after approval of this application.
Signature: April Pohl Date: December 9, 2013

County Use Only Beneath This Line

Based on the information provided herein, this Minor Oil and Gas Facility Permit Application complies with Chapter 90 of the LPLUC and is hereby approved and permitted.

Permit/Project #: _____
Name: _____ Title: _____
Signature: _____ Date: _____

CONDITIONS OF APPROVAL: SEE ATTACHED

Section I: Facility Description/Environmental Quality

1. Certify that the County has on file a valid and current form of the following:

Emergency Preparedness Plan provided to Office of Emergency Management (90-51)? Yes No
Revision date of the Emergency Preparedness Plan on file _____

2. Performance Security

Is performance security for this facility covered under a blanket bond (90-49)? Yes No

a. If Yes, please provide the following information. Additionally please submit one copy (one time) of the bond for the County's records:

- i. Financial Institution Previously submitted
- ii. Dollar Amount of Bond _____
- iii. Bond # _____

b. If No, an individual facility bond will be required. Please submit a copy of the bond and provide the following information:

- i. Financial Institution _____
- ii. Dollar Amount of Bond _____
- iii. Bond # _____

3. Proposed Minor Facility

a. What is the primary function of the proposed Facility?

i. Is this Facility a Special Exception (90-125)? Yes No

- Well Well with intermediate pipeline* Temporary storage yard (6 months or less)
- Well with special mitigation Water Pump Station (reclassified to minor facility)
- Other : _____

*If pipeline extends beyond ¼ notice area, a separate pipeline permit is required

b. If an intermediate pipeline is proposed please answer the following questions:

- i. Pipeline length and material
- ii. Lat & Long BOL: _____
- iii. Lat & Long EOL: _____

c. Well Formation and type:

- i. Formation:
Fruitland CBM Conventional Other : _____
- ii. Type:
Directional Horizontal Vertical

d. Is the new well being installed on an existing pad? Yes No

If Yes, please fill out the information below:

- i. What is the existing pad size (in acres): 1
- ii. What is the proposed expanded pad size including the Temporary Use Area: 1
- iii. What will the final pad size be after the TUA has been reclaimed: 1

e. If the proposed facility is a production well and a Special Exception is being proposed, attach additional information as outlined in Section III (Supplemental Attachments), Item 1 to the permit application (page 7).

f. Is distribution voltage (12.43 kV 3-phase power) within ¼ mile of the site? Yes No

g. Will the proposed facility be electrified (90-122(d)(2))? Yes No
If No, please fill out the information below:

i. What is the cumulative horsepower rating for all engines and motors for the proposed facility:

At sea level: 40

At facility elevation: 36

ii. If distribution voltage is located within ¼ mile, and the site is not proposed to be electrified, please attach information demonstrating that such electrification is infeasible.

h. List all equipment to be located/used on the proposed facility during initial operation. Include number, size, type and model of equipment if known. A list may also be attached to the permit application, rather than using the box below.

i. What is the proposed time on location for continuous drilling and completion activities (90-19 *minor facilities requiring special mitigation measures*):
1 day for crane work to change out unit

Existing Dynapump to be replace with a Lufkin Conventional Beam Unit or similar manufacture
Existing 35 kW natural gas generator
Existing 95 bbl below grade tank
Existing separator
Existing gas meter run
Existing chemical pump with tank and containment

4. Construction and drilling phase earthwork to be performed

a. What is the quantity of fill material to be brought to or removed from the site (90-41)?

None

5. Site Best Management Practices Plan

a. Please provide a written narrative and a BMP plan for visual mitigation, revegetation, weed control and drainage per Section II (Required attachments) item 4 (on page 6).

6. Does the proposed facility have an associated MOU? Yes No

If yes, respond to the questions below:

- a. Which MOU with La Plata County (operator name and date) applies to the proposed facility? _____
- b. Which Road Maintenance Fee applies? Tier I Tier II Tier III No Tier
- c. What is the amount of the Fee? _____
- d. Is distribution voltage (12.43 kV 3-phase power) within ¼ mile of the site? Yes No

7. Setback Issues (90-122b)

- a. Are the following setback requirements met?
 - i. Residential setbacks of 500' from wellhead: Yes No
 - ii. Property line setbacks of 150' from wellhead: Yes No
 - iii. Road, Utility, etc. setbacks of 200' from wellhead: Yes No
 - iv. Pipeline setbacks of 50' from occupied structures: Yes No
- b. If any setbacks are not met:
 - v. Was a waiver requested by the applicant? Yes No
 - vi. Was a waiver granted by the surface owner? Yes No
If Yes, please attach the written waiver.
If No, please attach narrative providing additional information.

8. Access Roads (90-122(c) and 90-124(c))

- a. Does the Applicant have the legal right to use the access roads? Yes No
- b. Will private roads be used to access the proposed facility? Yes No
- c. If private roads will be used, does the Applicant have a signed road maintenance or improvement agreement? Yes No
If No, provide exhibits demonstrating the applicant attempted to negotiate an agreement for the road, to comply with the provisions of 90-122(c). Please attach to the permit.

9. Water Source (90-123(e))

- a. If fresh or potable water is proposed for use during construction, drilling, and completion, please provide the source of the water: N/A
- b. If the water source proposed for use is related to a decreed water right, please list the water rights case number associated with the decree: N/A

10. Provide Driving directions to the proposed facility from Durango, using bearings, tenths of miles and visible landmarks.

Attached

Section II: Required Attachments

To utilize GIS/Aerial photography for requirements 1-4 below, go to the La Plata County GIS website

1. Attach the following items related to Surface Owner notifications:

- a. Copy of letter to surface owners within $\frac{1}{4}$ mile of proposed facility including the following information:
 - i. Description of the proposed facility location (Township, Range, Section and parcel) and street address if available
 - ii. Identification of Applicant and Designated Agent including addresses and phone numbers
 - iii. Brief description of the proposed facility and equipment to be located on site once operational
 - iv. Anticipated permit application submittal date of the permit to La Plata County
 - v. Statement that "Subject to compliance with appropriate county regulations, La Plata County will typically approve this facility within 15 business days of its submittal if the application is complete and in compliance with county regulations. In order to ensure full consideration of public comment, comments on the proposed facility must be provided to the La Plata County Planning Department no later than 10 business days after the permit application submittal date".
 - vi. Current address and telephone number of the La Plata County Planning Department
 - vii. Explanation that additional information regarding the application is available for review at the La Plata County Planning Department
 - viii. Statement that "county personnel may need to enter onto proposed well site property during review of the permit and thereafter upon notification"
 - ix. Statement that "Surface owners who receive this letter may request written notification from (Operator) of the commencement of construction and drilling operations. Notification regarding commencement dates for construction and for drilling operations (if the application is approved) can be obtained by submitting a request in writing to the Planning Department within 15 business days from the date of the application submittal".
- b. List of notified surface owners, including the surface owner where the proposed facility is located, within $\frac{1}{4}$ mile of the proposed facility.
- c. Original certified mailing receipts matching list of surface owners.
Note that a sample letter is available online or by request, from the Planning Department

2. Attach a vicinity map containing the following:

- a. Appropriate standard scale (1" = 100', 1" = 200', etc.)
- b. Title block, key and north arrow
- c. Section, Township, Range
- d. Well pad boundary
- e. Proposed intermediate pipeline route (if applicable)
- f. Existing water/gas pipeline routes
- g. Current surface ownership of all properties adjacent to proposed facility(s)
- h. Existing and proposed access to proposed facility, showing how the existing/proposed access ties into a county road or state highway
- i. Setbacks from closest property boundary and closest occupied structure measured from the wellhead and intermediate pipeline.
- j. Irrigation ditches, streams and rivers within 100' of the proposed facility.

3. **Attach a Site Plan containing the following:**
 - a. Appropriate standard scale (1" = 100'; 1" = 200', etc.)
 - b. Title block, key and north arrow
 - c. Section, Township, and Range
 - d. Existing equipment and improvements associated with the existing well (wellhead, separators, graded areas, flowlines, powerlines, etc.)
 - e. Proposed equipment and improvements associated with the proposed well (wellhead, separators, graded areas, flowlines, , etc.)
 - f. Intermediate pipeline route(if applicable)
 - g. Access road entrance onto the well pad
 - h. Attachment showing cross-sections of cut and fill areas.
 - i. Irrigation ditches, streams, and rivers within 100' of the proposed facility.

4. **Site Best Management Practices (BMP) Narrative and Map**
 - a. Please provide a narrative, as an attachment to this permit, explaining the interim reclamation, drainage structural features, and visual mitigation that will occur onsite.
 - i. Please include:
 - Visual Mitigation and Revegetation
 1. Artificial lift equipment type (PC pumps, Beam lifts, Linear Rod pumps, etc.)
 2. Equipment painting
 3. Any additional visual mitigation techniques (berms, vegetation, etc.)
 4. A seed mixture, and seeding rates if available
 5. Seeding method and mulching (if applicable) to be conducted
 6. Explain when the re-seeding will most likely occur
 7. Explain the type of weed control to be used onsite or attach weed management plan that has been filed with the County Extension Office.
 - Drainage management
 8. The types of structural drainage features, if any, to be used around the location to prevent offsite impacts from erosion/flow. Please differentiate construction and permanent features.
 - b. Please provide a Site BMP Map that corresponds with the information provided in the narrative (listed above).
 - i. Please include:
 1. Identify the location of the re-seeding on the Site BMP map
 2. Identify the direction of drainage on the site plan of the runoff offsite and onsite, using arrows to show the direction of drainage. Display topographic lines if possible.
 3. Identify the location(s) of the drainage features
 4. Indentify the location(s) of any visual mitigation techniques
 - c. If a narrative and map have already been created for the COGCC that are sufficient to meet the revegetation and/or drainage requirements of this plan, they may be submitted.

5. **Attach at least four color photographs shot from the center of the well site facing north, east, south, and west.**

Section III: Supplemental Attachments (If Applicable)

- 1. If the proposed facility is a production well and is being proposed as a Special Exception (90-125) attach the following information:**
 - a. Narrative providing description of:
 - i. Obstacles to expanding existing pad(s)
 - ii. Efforts to overcome noted obstacles
 - b. Map showing:
 - i. Topographic characteristics of site
 - ii. Natural resources – such as wetlands
 - iii. Locations of utilities
 - iv. Limiting technical issues – such as geologic or topographic characteristics
 - v. Limiting site conditions – such as irrigation, setback issues, structures
 - vi. Safety issues
 - vii. Any other issues outlined in 90-123(4)
- 2. If available, please attach a well location plat.**

Section IV: Follow-up Items Required

1. Notification regarding equipment changes – email is sufficient. Staff will attach the information to the project file. If the equipment changes increase land use impacts, a permit modification will be required (LPC Code 90-44(b)).
2. Annual updates to Emergency Preparedness Plan (LPC Code 90-51).
3. If required by the County, provide a copy of written notification provided to surface owners regarding commencement of construction and drilling operations (LPC Code 90-77).
4. Applicant must send an AutoCad or equivalent GIS digital file of the Proposed Intermediate line to the Office of Emergency Management at pipeline@co.laplata.co.us . It is not necessary to include files of features other than existing and proposed pipelines.

**La Plata County Planning Department
Narrative and Site BMP Plan**

Operator and facility information

Operator: Four Star Oil & Gas Company

Contact Person: April Pohl

Facility Name: State 36-4

Project Number: 566536200193

Sec. 36, T35N, R9W

Narrative

The State 36-4 well and associated facility is an existing facility. A permit is being filed since a previous permit cannot be located. The only equipment change recommended is to replace the Dynapump with a Conventional Beam Pumping Unit. We are recommending to install the following equipment on the existing location:

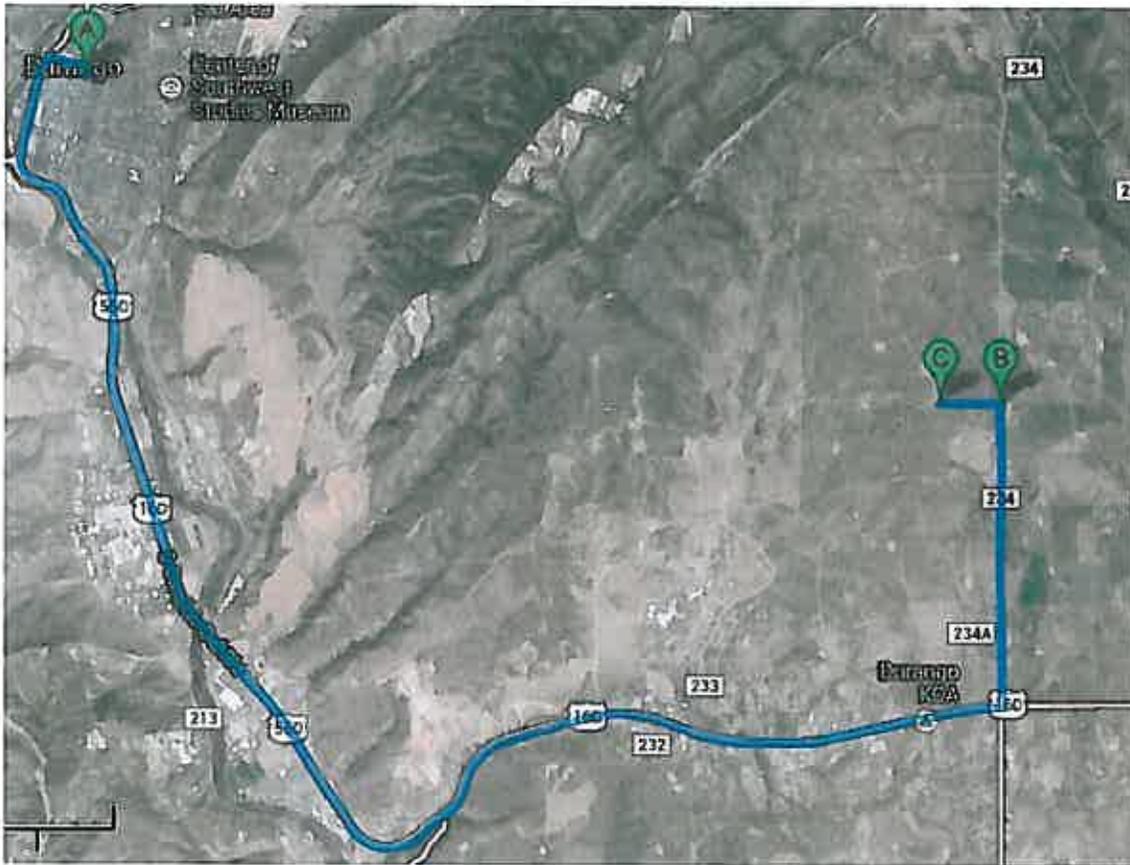
- Set an Lufkin 320-213-120 or similar conventional pumping unit

Visual Mitigation

Because the modification is to an existing pad no revegetation is planned and weeds will continue to be maintained on location. All equipment will be painted with a uniform, non-reflective paint that is slightly darker than the adjacent landscape. The existing generator is equipped with a quiet muffler package.

Surface Owner

The surface owner is the State of Colorado. The land office was contacted about the modification proposed in the narrative and have given approval to make the recommended change.



Directions From LaPlata County Courthouse (A):

Go north on E 2nd Ave toward E 11th St approx. 200’.

Turn west on E 11th St and drive 0.2 mi.

Turn south on US-550 S / Camino Del Rio and drive 4.9 mi.

Continue on US-160 E and drive 3.0 mi.

Turn north on Co Rd 234 and drive 1.5 mi. (B)

Turn West on Co Rd 235 and drive 0.3 mi. (C)

Turn North on lease road and drive 0.35 mi.

Turn West on lease road and drive 0.15 mi to location.

State 36-4
API 05-067-08401
Sec 36, T35N, R9W



La Plata County, CO



Disclaimer: The information is provided as is without warranty of any kind, either express or implied, including but not limited to the implied warranties of merchantability and fitness for a particular purpose. In no event shall La Plata County be liable for any damages whatsoever including direct, indirect, incidental, consequential, loss of business profits or special damages.

Map Scale
1 Inch = 660 feet
11/13/2013

State 36-4
API 05-067-08401
Sec 36, T35N, R9W



La Plata County, CO



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Map Scale
1 inch = 400 feet
11/13/2013

State 36-4
API 05-067-08401
Sec 36, T35N, R9W



La Plata County, CO



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Map Scale
1 inch = 50 feet
11/13/2013

State 36-4
API 05-067-08401
Sec 36, T35N, R9W



Four Star Oil & Gas Co
 A Division of Chevron U.S.A., Inc.
 PO Box 9034
 Concord CA 94524

CHECK DATE: 11/12/2013
 CHECK NO: 0024491624
 PAYEE REF: 0010417240
 COMPANY NO: 5008
 MAIL CODE: 11ECO



LA PLATA COUNTY
 COMMUNITY DEVELOPMENT DEPT
 1060 E 2ND AVE
 DURANGO CO 81301

ADDRESS INQUIRIES TO: PO Box 9034, Concord, CA 94524-1934
 PHONE CONTACT: 925-827-7741 FAX CONTACT: 925-880-3534

INV DATE	INVOICE#	OUR REFERENCE#	GROSS AMT.	DISC AMT.	NET AMT.
11/07/2013	131107LAP	0019000915	\$1,300.00	\$0.00	\$1,300.00
MINOR FACILITY PERMIT FEE FOR STATE 36-4					

DETACH AND RETAIN THIS STUB FOR YOUR RECORDS

CHECK# 0024491624 ATTACHED BELOW



Four Star Oil & Gas Co
 A Division of Chevron U.S.A., Inc.
 PO Box 9034
 Concord CA 94524

62-20
 311

NO. 0024491624

11/12/2013

PAY TO
 ORDER OF

LA PLATA COUNTY
 COMMUNITY DEVELOPMENT DEPT
 1060 E 2ND AVE
 DURANGO CO 81301

*****\$1,300.00

NOT VALID AFTER 1 YEAR

One thousand three hundred and 00/100 Dollars

Chevron

AUTHORIZED SIGNATURE

CITIBANK N.A., ONE PENN'S WAY, NEW CASTLE, DE 19720

⑈0024491624⑈ ⑆031100209⑆ 38696461⑈