

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FEB 10 2010

FORM APPROVED
OMB No. 1004-0137
Expires March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other2. Name of Operator
NOBLE ENERGY, INC.3a. Address
5802 US HIGHWAY 64 FARMINGTON, NM 874023b. Phone No. (include area code)
505-632-80564. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1770' S 660'
2440' FEL, 1975' FEL
G Sec 5 - T26N - R3W

5. Lease Serial No.

JICARILLA CONTRACT #97

6. If Indian, Allottee or Tribe Name

JICARILLA APACHE TRIBE

7. If Unit or CA/Agreement, Name and/or No

8. Well Name and No.

TRIBAL 05 #09

9. API Well No

30-039-29545

10. Field and Pool, or Exploratory Area

Basin Dakota/Blanco Mesa Verde

11. County or Parish, State

RIO ARRIBA CTY, NEW MEXICO

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☒ Notice of Intent☐ Subsequent Report☐ Final Abandonment Notice☐ Acidize☐ Alter Casing☐ Casing Repair☐ Change Plans☐ Convert to Injection☐ Deepen☐ Fracture Treat☐ New Construction☐ Plug and Abandon☐ Plug Back☐ Production (Start/Resume)☐ Reclamation☐ Recomplete☐ Temporarily Abandon☐ Water Disposal☐ Water Shut-Off☐ Well Integrity☒ Other WORK OVER TO

P&A MV/DK, ADD

GALLUP

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

NOBLE ENERGY, INC. PROPOSES THE WORKOVER OF THE SUBJECT WELL TO ADD GALLUP PRODUCTION ZONE AND CEMENT OVER THE MESA VERDE AND DAKOTA FORMATIONS.

THIS WORKOVER PROCEDURE IS BEING SUBMITTED IN RESPONSE TO THE JANUARY 13, 2010 COMMUNICATION FROM STEVE MASON TO PLUG AND ABANDON OR RETURN THE SUBJECT WELL TO PRODUCTION.

PROCEDURE IS ATTACHED.

RCVD FEB 17 '10
OIL CONS. DIV.
DIST. 3

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

BILLIE MAEZ

Title DISTRICT MANAGER

Signature

Date

02/05/2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Original Signed: Stephen Mason

Title

Date

FEB 16 2010

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

N/P
B

NMOCD

HOLD C104 FOR C102 Gor Basin Mancos
pool



To: Billie Maez, Farmington
From: Melanie Peterson, Denver
Date: December 29, 2009

Subject: Workover to initiate production within the Gallup Formation and plug Mesa Verde and Dakota.

Tribal 5-9
Sec 5 T26N R3W, S2 NE SE
Rio Arriba County, NM
Jicarilla Field

API#: 30-039-29515
WI: pending land%
NRI: pending land%

Current Production: 0 MCFPD (DK) 0 MCFPD (MV)
Target Production: 100 MCF (GP)
Success Probability: Moderate to High

Well History

Patina San Juan, Inc drilled and completed the Tribal 5-9 as a Basin Dakota and Mesa Verde Member (Point Lookout Formation) producer during December of 2005. Completions were performed in January of 2006. Initial production of the commingled formations was 3369 MCF for February of 2006 and the well drastically declined thereafter. Cumulative production from the Dakota and Mesa Verde combined has been .014 BCF of natural gas and 197 bbls of oil to date.

In June of 2007 a bridge plug was placed between the Dakota and Mesa Verde in an attempt to determine which zone was water saturated. I was unable to locate what the well response was for this test, however there has been little to no production since November of 2006.

If both formations are water saturated then it is recommended to plug the Dakota, squeeze the Point Lookout and perf/frac the Gallup formation. Nearby Gallup production gives economic incentive to pursue the formation. Economics were run using the nearby down slope well of Tribal C4E showing that there is a potential rate of return of 34% after taxes.

There is a qualitative difference shown in the cased logs that indicate a change in the fluids for the Gallup interval. HC are the likely culprit for this change. The Gallup interval is likely to be a combination of oil and gas. In theory, since Tribal 5-9 is upslope from the Tribal C4E it is likely to have better production than that well. The Tribal C4E had a cumulative of 0.155 BCF natural gas and 3,017 BBLs of oil.



PRELIMINARY WORKOVER PROCEDURE

Tribal 5-9

Plug and Abandon the Mesa Verde and Dakota Formations – Perforate and Frac Gallup

1. Install and test rig anchors. Comply with all NMOCD, BLM, & Noble Energy's safety rules and regulations.
2. MIRU workover rig.
3. TOH w/ any production equipment currently in wellbore.
4. RU wireline and set cement retainer above Dakota perforations. $\approx 7975'$
5. Sting into retainer and plug Dakota interval with appropriate amount of Class B cement.
6. Sting out of retainer, pump remaining cement on top of retainer. Circulate tubing clean. TOH. $100'$
7. RIH w/ appropriately sized CIBP. Set above cement retainer. TOH.
8. RU wireline and RIH w/ drillable BP, set below Mesa Verde perforations. Dump bail 2 sx cement on top of BP.
9. TIH w/ packer to below Mesa Verde formations and pressure test BP to 2000 psi.
10. Release packer and reset above Mesa Verde perforations.
11. Squeeze Mesa Verde perforations with appropriate amount of Class B cement.
12. After cement has cured, drill out cement and BP, circulate hole to prep for perf and frac.
13. Perforate Gallup intervals as shown below:

Top	Bottom	Thickness
7180	7190	10
7215	7224	9
7232	7237	5
7277	7280	3
7309	7336	27
7514	7517	3
7519	7523	4
7525	7530	5
7532	7541	9
7543	7548	5

14. Frac Gallup w/ 170,000# 20/40 white sand in a 70Q Nitrogen foam fluid.
15. After flowback, put Tribal 5-9 back on production as a Gallup producer.