

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APR 23 2013

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

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.

Farmington Field Office
Bureau of Land Management
Lease Serial No. JICARILLA CONTRACT #97

6. If Indian, Allottee or Tribe Name
JICARILLA APACHE TRIBE

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

NOBLE ENERGY, INC.

3a. Address

5802 US HIGHWAY 64
FARMINGTON, NEW MEXICO 87401

3b. Phone No. (include area code)

505.632.8056

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1970' FSL, 660' FEL
1" Sec. 05 - T26N-R3W NMMP

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

8. Well Name and No.
TRIBAL 05 #09

9. API Well No.
30-039-29515

10. Field and Pool or Exploratory Area
Wildhorse Gallup

11. Country or Parish, State
RIO ARRIBA County, NEW MEXICO

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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 must 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 must be filed once testing has been completed. Final Abandonment Notices must 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. respectfully submits the perforation/completion of the Gallup formation.
Perforation start at 7514' and end at 7548'.

Attached are the daily reports detailing the new perforations in the Gallup formation.

RCVD APR 30 '13
OIL CONS. DIV.
DIST. 3

ACCEPTED FOR RECORD

APR 26 2013

FARMINGTON FIELD OFFICE
BY William Tambekou

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

Title Senior Production Foreman

Signature

Cody Munkres

Date 04/23/2013

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

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)

NMOCDA

Tribal 05#09
API 30-039-29515
"I" Sec. 05 – T26N – R3W NMPM
Rio Arriba County, NM

Completion Report: Perforate/Frac the Gallup formation.

1/4/2011 SCIP Opsi. RD floor & tbg equip. Install frac valve & frac "Y", test to 5000psi. Good test. RD pulling unit.

1/6/2011 MIRU Blue Jet Wireline Services. TIH w/ 3-1/8" perf guns. Tagged up @ 6113'. Could not get deep enough to perforate. TOOH. RD wireline. SWIFN

1/7/2011 MIRU AWS rig 656. TIH w/ 3-7/8" tri-cone, 244 jts 2-3/8" tbg. Tag CIBP @7818'. Restriction preventing perf guns from shooting depth nonexistent w/ tbg. TOOH w/ 10 stds tbg. SWIFWE

1/10/2011 @ start of ops Opsi on well. RU pump, circ well from 7818'. No notable returns. Well clean. TOOH. RU Jet Blue Wireline Services. Perf 1st stage Gallup formation 7514'-17', 7519'-23', 7525'-30', 7532'-48', 4jspf w/ 3-1/8" hsc guns. RD WLS. TIH w/ 2-3/8" tbg. TOOH laying dn tbg on float. SWIFN.

1/11/2011 @ start of ops Opsi on well. RD floor & tbg equip. Nipple up frac valve & frac "Y", RD pulling unit. Move off AWS rig 656

1/12/2011 RU hot oiler to heat fluid for frac. SD ops @ 1500hrs, frac date chg'd.

1/18/2011 Frac procedures strtd @ 1600hrs. Press test lines to 4500psi. Open well @ Opsi. Load & break @14bbl, 1786 psi. Pump 47bbl pad, on stage 103bbl. Start 20/40 brown sand. W/ 90bbl pumped, had H2O flow from wellhead. Shut Frac ops dn.

1/19/2011 RU BJ Services, test lines to 4500psi. Open well, 1460psi on well. Bring up press to 3400psi. No leak from csg or wellhead. Leak determined to be snow melt into btm of cellar. Start frac. Press climbs to 3700psi w/ no bleed of. Surge well back and press back up and resurge again w/ same result. Rig up Blue Jet WLS. TIH w/ 3-1/8" weight bars. Tag liner top @ 2770'. TIH, tag fill @7536'. TOOH, RD WLS. Work bars on well and achieve pump in @ 2200psi. Pump 80bbbls. SD and get up. Pump 103bbl pad. Start 20/40 sand staging from 3# to 6#. Pump total sand 86436#, max press 3800psi. Treating fluid+507.8bbl. Flush-183bbl. ISIP 1998psi. SI well, RU WLS. TIH w/ 4-1/2" composite plug. Tag liner @ 2770'. Work plug @ liner top. Can't enter liner. TOOH. Btm of plug is scarred from mid to outer edge. Shut dn ops. RD WLS. SWIFN.

1/20/2011 @ start of ops 2500psi on well. RU Blue Jet WLS. TIH w/ 4-1/2" CIBP. Get in liner top @2770'. No restriction. TIH, set CIBP @7430'. Bled dn N@. Load & pump load, test CIBP to 2500psi. Good test. TIH w/ frac gun. Tag solid @5503'. Work to get thru bridge w/o luck. TOOH to ck gun. Btm of perf gun sand coated. Press up on well w/ rig pump to 2500psi. TIH. Tag up @ 5303'. Worked up & dn w/o luck to knock bridge loose. TOOH. RD WLS. SWIFN

1/21/2011 MIRU AWS rig 656. @ start of ops Opsi on well. ND frac valve. TIH w/ 3-7/8" tri-cone on 2-3/8" tbg. Break circ w/ 2%KCL. Begin drlg on fill.. Rotate @ 5303' for 3min, begin washing dn. Reached 5333', well press spiked to 2200psi. No movement up or dn. Well unloading N@ and H2O. Recovered 200bbl frac fl. Well bore press bleeding slowly dn from 2200psi to 50psi. Work tbg free. TOOH to top of liner @2770'. SWIFN

1/22/2011 @ start of ops 800psi on well. Bled dn to flowback tank. RU air unit. Circ well @liner top til returns clean. Circ well to relieve Hydrostatic for lift. TIH to 7430' to CIPB w/ no tqag ups. Circ well clean w/ air. TIH to 7602', btm Gallup perf. SWI

1/23/2011 @ start of ops 900psi on well. Bled well dn to flowback tk. 15min bleed dn. TIH w/ 3-7/8" tri-cone and 2-3/8" tbg. Tag up @7602'. RU Air unit. Circ well clean. Pump 5bbl sweep. TOOH. RU Blue Jet WLS. TIH w/ 4-1/2" CIBP, set @7440'. TOOH. RU AWS rig pump, test CIBP and csg to 2500psi, held for 30min, good test. TIH w/ 3-1/8" perf gun. Tag top of CIBP @7440'. Made 3 gun runs on Gallup formation 7336'-7180' @4jspf. All guns shot. RD WLS. SWI.

1/28/2011 @ start of ops 900psi on well. RU BJ Services. Prime up and test pumps/lines to 4800psi. Test N2 pumps to 4800psi. Open frac valve 39 turns. Load and break 49bbbls @2456psi. Pump pad 209bbl@ 70 quality foam. Start 20/40 brown sand, staging rampo up from 3# to 9#. Treating press Min3080psi, Max3752psi, Avg3569psi, Inj rates 38.7bpm. ISIP2870psi, 5min2704psi, 10min2661psi, 15min2614psi. SWI. RD BJS.

1/29/2011 @ start of daily ops 2160psi on well, flowing @25bph on 12/64 choke. From 1800hrs 1/27 to 1800hrs on 1/28/2011 recovered 477bbl w/ lite to med sand. w/ concentration of sand, will leave 12/64 choke inline until sand reduces to workable cond. Have good show of gas w/ press dn to 1500psi @ 1800hrs 1/28/2011. Well turned over to flowback for weekend. Will monitor continuously til rig ops warrant.

1/30/2011 @0600hrs, press @575psi. from 1800hrs 1/28 to 0600hrs 1/29, well recovered 47bbls. From 0600hrs to 1800hrs well press dropped to 400psi, returning fluid @ 1bph. Recovered 13bbls. Recovered total of 537bbls frac fl. @1800hrs, well SI til 2400hrs to ck for press build up and rate of flow. Will monitor flow and press throughout 1/30/2011 snf put rig to clean out on 1/31/2011.

1/31/2011 From 0000hrs to 0600hrs, press buildup from 400psi to 950psi. Open well to flowback tk. Flow for 3 hrs. Press drop to 400psi w/no fluid return. Chg choke to 32/64, flowing @200psi w/ fluid return @2bph. @1800hrs press @25psi w/ fluid return surging. From 1800hrs 1/30 to 0600hrs 1/31 press drop to 4psi w/ no fluid return. Total fluid recovered in 24hrs is 47bbls.

2/1/2011 @ start of daily ops 4psi on well w/ no fluid return. ND frac valve. TIH w/ tri-cone bit and 2-3/8" tbg. @2770 top of liner hanger RU Air foam unit. Circ well clean & unload H2O to flowback tank. Pump 5bbl sweep. TIH, tag sand @7200'. Clean out sand to 7294'. Drill line on AWS starts breaking strands, TOOH to liner top @2770'.

2/2/2011 @ start of daily ops 0psi on well, flowing on 64/64 choke, no return of fluid in 24hrs. CHG out drilling line on AWS rig 656. SDFN

2/3/2011 @ start of daily ops 0psi on well. RU air foam unit. Circ well clean @liner top @2770', TIH and tag fill @7294'. Clean sand from 7294' to CIBP @7440'. Drill up CIBP Circ @800psi. When CIBP moves dn hole, press spikes to 1400psi, returning heavy sand. Circ til sand is a trace. TD air unit. TOOH to top of liner @2770'. Recovered 250bbls fluid. Night flowback.

2/3/2011 @ start of daily ops 0psi on well. From 0600hrs til 1000hrs work to get rig & air unit started. Blow well around liner top @ 2770'. TIH tag fill @7460'. Clean out to 7565'. Drlg on lower 1/2 of CIBP and 1stCIBP WLS that went downhole. Well making med to heavy sand. TOOH to top of liner @2770'. Release flowback ops, Recovered 120bbl fluid on daylight ops. SWIFN

2/2/2011 @ start of daily ops 300psi on well. Worked 2hrs to thaw out lines & get equip running. RU air foam unit. Circ well @ liner top. TIH, tag fukk @7511'. Clean out sand bridges to 7818' PBTD. Circ on depth til sand returning is a trace. Run two 5bbl sweeps. TOOH to liner top @2770'. Secure well & loc. SWIFWE.

2/5/2011 @ start of daily ops 1200psi on well. Bled dn well in 30min. Thaw lines on rig & air unit. RU air foam unit. Circ on top of liner top @2770'. TIH, tag fill @7738'. Clean out sand to 7818', PBTD. Circ on depth til well cleaned up, ran two 5bbl sweeps. TOOH. TIH w/ 2-3/8" tbg to top of liner @2770'. Recovered 380bbls fluid on daylight ops.

2/6/2011 @ start of daily ops 900psi on well. Bled well dn to flowback tk. TIH & tag fill @7801'. Clean out to PBTD @ 7818'. Lay dn tbg not needed for prod. Land tbg on tbg hanger. RD pulling unit. Nipple up Prod tree & flowline. RU air & pump of Exp Ck @800psi. Circ well around til fl retrun is minimal. RD air foam unit. Bled tbg & annular to eliminate air from well bore. When gas present @ surface, SI well and turn over to production.

Well Schematic: KB 12'
236jts 2-3/8" 7534.95'
2-3/8"x1.78PSN 0.82'
2-3/8" STC 0.45'
Tbg landed @ 7548.95'

RD ASW rig 656. Move off loc. FINAL REPORT.