Form 3160-5
(March 2012)

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Farmington Field Office
Bureau of Land Management

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2014

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 page 2.*

5. Lease Serial No. ~~NMNM042426~~ NMNM 86497

6. If Indian, Allottee or Tribe Name

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

1. Type of Well
☑ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
HORSESHOE GALLUP 19-8H

2. Name of Operator
ROBERT L BAYLESS, PRODUCER LLC

9. API Well No.
30-045-35376

3a. Address
PO BOX 168
FARMINGTON NM 87499

3b. Phone No. *(include area code)*
505-326-2659

10. Field and Pool or Exploratory Area
HORSESHOE GALLUP

4. Location of Well *(Footage, Sec., T.,R.,M., or Survey Description)*
SURFACE: 1500 FNL & 555 FEL SEC. 19, T.30N, R. 15W
BHL: 1653 FNL & 963 FWL SEC. 19, T 30N R. 15W

11. County or Parish, State
SAN JUAN COUNTY, NEW MEXICO

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

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☑ Subsequent Report	☐ Alter Casing	☑ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☑ Other COMPLETION REPORT
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ 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 recomplete 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 recompletion 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.)

PLEASE SEE ATTACHED COMPLETION REPORT

RCVD JAN 8 '13
OIL CONS. DIV.
DIST. 3

ACCEPTED FOR RECORD
JAN 03 2013
FARMINGTON FIELD OFFICE
BY William Tambekou

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

Title OPERATIONS ENGINEER

Signature

Date 12/10/2012

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)

NMOCD

Robert L. Bayless, Producer LLC
Horseshoe Gallup 19-8H
Federal Lease: NMNM042428
Federal Lease: NMNM086497
API #: 30-045-35376
SEC: 19 T: 30N R: 15W
SHL: 1500 FNL & 555 FEL
BHL: 1653 FNL & 963 FWL

CASING DEPTH: SURFACE: 9-5/8" 36#/FT J-55 CASING @ 332 FT
INTERMEDIATE: 7" 23#/FT J-55 CASING @ 4,331 FT (PBTD @ 4,288 FT)
PRODUCTION: 4-1/2" 11.6#/FT N-80 CASING @ 7,530 FT (3,974 FT TVD)

PACKER DEPTH:

PACKER #1	7,279 FT	PACKER #8	5,582 FT
PACKER #2	7,065 FT	PACKER #9	5,285 FT
PACKER #3	6,816 FT	PACKER #10	5,070 FT
PACKER #4	6,563 FT	PACKER #11	4,817 FT
PACKER #5	6,308 FT	PACKER #12	4,561 FT
PACKER #6	6,052 FT	PACKER #13	4,304 FT
PACKER #7	5,795 FT	PACKER #14	4,050 FT

GALLUP LATERAL COMPLETION REPORT

10/18/2012

Set and Fill 10 – 400 bbl upright frac tanks with 2% KCL water. Nippled up frack Y and Blow down spool and pressure tested to 5000 psi. Moved in and rigged up pump truck and loaded well with 2% KCL. Pressured up on casing to open Hydraulic port at 4,500 psi. Moved in wireline services and Perforated stage #1 (Packer at 7,279 Ft and no bottom packer) from 7300-7369 ft. Shut down and moved out services.

10/22/2012

Moved in and rigged up Hurricane Completion Rig. Picked up 4,500 ft of 2-3/8" PH6 tubing and stood back in Derrick. Shut down for night.

10/23/2012

Moved in and rigged up Halliburton pumping services. Pressure tested lines to 10,000 psi. Stimulated stage #1 with 85,280 gallons of Delta 140 N2 foam and 82,000 # of 20/40 sand at an average pressure of

3,089 psi. Tripped in hole with perforating guns and frac plug. Set frac plug at 7,280 ft. Guns did not release from plug. Pull out of rope socket and rig down services to fish guns.

10/24/2012

Pick up overshot fishing tool and trip in to fish wireline guns. Latch guns and pull off of plug. Stand back tubing and lay down guns. Shut down and wait for services.

10/30/2012

Moved in and rigged up Halliburton pumping services and wireline services. Pressure tested line to 10,000 psi. Tripped in hole with perforating guns and perforated stage #2 (Packers 7,065 ft – 7,279 ft) from 7115-7276 ft. Stimulated stage #2 with 49,005 gallons of Delta 140 N2 foam and 82,000 # of 20/40 sand at an average pressure of 2,138 psi. Tripped in hole with perforating guns and frac plug. Set frac plug at 7,065 ft. Tripped in hole with perforating guns and perforated stage #3 (Packers 6,816 ft – 7,065 ft) from 6850-6989 ft. Stimulated stage #3 with 52,792 gallons of Delta 140 N2 foam and 82,000 # of 20/40 sand at an average pressure of 3,189 psi. Tripped in hole with perforating guns and frac plug. Set frac plug at 6,816 ft. Tripped in hole with perforating guns and perforated stage #4 (Packers 6,563 ft – 6,816 ft) from 6610-6794 ft. Stimulated stage #4 with 48,156 gallons of Delta 140 N2 foam and 82,000 # of 20/40 sand at an average pressure of 2,048 psi. Tripped in hole with perforating guns and frac plug. Set frac plug at 6,563 ft. Tripped in hole with perforating guns and perforated stage #5 (Packers 6,308 ft – 6,563 ft) from 6330-6514 ft. Stimulated stage #5 with 48,156 gallons of Delta 140 N2 foam and 82,000 # of 20/40 sand at an average pressure of 2,197 psi. Tripped in hole with perforating guns and frac plug. Set frac plug at 6,308 ft. Tripped in hole with perforating guns and perforated stage #4 (Packers 6,052 ft – 6,308 ft) from 6069-6264 ft. Shut down for night.

10/31/2012

Stimulated stage #6 with 58,791 gallons of Delta 140 N2 foam and 82,000 # of 20/40 sand at an average pressure of 2,211 psi. Tripped in hole with perforating guns and frac plug. Set frac plug at 6,308 ft. Tripped in hole with perforating guns and perforated stage #7 (Packers 5,795 ft – 6,052 ft) from 5825-5989 ft. Shut down for night because of equipment problems.

11/01/2012

Stimulated stage #7 with 70,807 gallons of Delta 140 N2 foam and 82,000 # of 20/40 sand at an average pressure of 2,184 psi. Tripped in hole with perforating guns and frac plug. Set frac plug at 5,795 ft. Tripped in hole with perforating guns and perforated stage #8 (Packers 5,582 ft – 5,795 ft) from 5630-5744 ft. Stimulated stage #8 with 53,894 gallons of Delta 140 N2 foam and 82,000 # of 20/40 sand at an average pressure of 2,405 psi. Tripped in hole with perforating guns and frac plug. Set frac plug at 6,816 ft. Tripped in hole with perforating guns and perforated stage #9 (Packers 5,285 ft – 5,582 ft) from 5370-5554 ft. Stimulated stage #9 with 69,783 gallons of Delta 140 N2 foam and 82,000 # of 20/40 sand at an average pressure of 2,070 psi. Tripped in hole with perforating guns and frac plug. Set frac plug at 5,285 ft. Tripped in hole with perforating guns and perforated stage #10 (Packers 5,070 ft – 5,285 ft)

from 5143-5262 ft. Stimulated stage #10 with 64,475 gallons of Delta 140 N2 foam and 82,000 # of 20/40 sand at an average pressure of 2,114 psi. Tripped in hole with perforating guns and frac plug. Set frac plug at 5,071 ft. Tripped in hole with perforating guns and perforated stage #11 (Packers 4,817 ft – 5,070 ft) from 4850-5004 ft. Stimulated stage #11 with 57,557 gallons of Delta 140 N2 foam and 82,000 # of 20/40 sand at an average pressure of 2,068 psi. Tripped in hole with perforating guns and frac plug. Set frac plug at 4,817 ft. Tripped in hole with perforating guns and perforated stage #12 (Packers 4,561 ft – 4,817 ft) from 4640-4794 ft. Stimulated stage #12 with 56,404 gallons of Delta 140 N2 foam and 82,000 # of 20/40 sand at an average pressure of 1,962 psi. Tripped in hole with perforating guns and frac plug. Set frac plug at 4,561 ft. Tripped in hole with perforating guns and perforated stage #10 (Packers 4,304 ft – 4,561 ft) from 4320-4494 ft. Stimulated stage #13 with 56,494 gallons of Delta 140 N2 foam and 82,000 # of 20/40 sand at an average pressure of 1,704 psi. Tripped in hole with perforating guns and frac plug. Set frac plug at 4,304 ft. Tripped in hole with perforating guns and perforated stage #14 (Packers 4,050 ft – 4,304 ft) from 4210-4274 ft. Stimulated stage #14 with 57,142 gallons of Delta 140 N2 foam and 82,000 # of 20/40 sand at an average pressure of 1,759 psi. Tripped in hole with solid composite frac plug. Set cap plug at 3600 ft. Shut down and wait on rig.

11/06/2012

Moved in and rigged up Hurricane completion rig. Picked up 3600' of 2-3/8" PH6 tubing and tagged cap plug. Picked up 2.5 swivel and drilled out 6 composite plugs to 5050' with N2/air mist. Tripped above window to 3700 ft and shut down for night.

11/07/2012

Drilled out plugs 7-9 to 6,052 ft. Pulled up to 3,800 ft (above window) and shut down for night.

11/08/2012

Shut down for Rig repairs and weekend.

11/13/2012

Drilled plugs 10-14 overnight and tagged circulating shoe. Stood back PH6 tubing in derrick. Shut down for night.

11/14/2012

Pick up Mule shoe and trip to bottom to tag fill. TOOH and lay down 3500 ft of PH6 tubing and release. Stand back remainder of tubing and shut down for night.

11/15/2012

Move in wireline services and trip in hole to 3810 ft and chemical cut casing. Release wireline. Trip out of hole with 3810 ft of 4.5" J-55 11.6# casing. Shut down for weekend.

11/19/2012

Trip in hole with mechanical casing cutter. Cut casing and 3813 ft and trip out of hole with tool and casing. Trip in hole with whipstock retrieval tool and latch whipstock. Trip out of hole with whipstock. Shut down for night. Trip in hole with bridge plug retrieving head and latch bridge plug and 3820 ft. Trip out of hole and lay down PH6 tubing.

11/20/2012

Pick up 3,850 ft of 2 3/8" 4.6# EUE Tubing and trip in hole. Land tubing at 3,850 ft and shut down for Holliday weekend. Nipple down BOP and Nipple up wellhead.

11/26/2012

Swab in well and check for sand. Allow to flow on 0.75" choke.

11/27/2012

Trip in hole with rods and pump assembly. Release rig and wait for equipment hookup.