

Form 3160-5
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
SUNDRY NOTICES AND REPORTS ON WELLS

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

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

5. Lease Serial No.

SF-078095A

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

Horton #1A

9. API Well No.

30-045-2195500SI

10. Field and Pool, or Exploratory Area

Blanco-Mesaverde, Basin-Dakota

11. County or Parish, State

San Juan, New Mexico

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Hallador Petroleum, LLP

3a. Address

1660 Lincoln St., Suite 2700, Denver CO 80264

3b. Phone No. (include area code)

303 839-5504

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

1850' fnl, 1690' fel Sec 7 T31N R11W

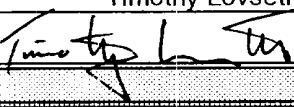
12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" 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 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 Operations (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 recompleate 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 recompleation 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.)

See attached procedure to recomplete the Horton #1A in the Dakota Formation.

RECEIVED
2002 JUN -7 AM 11:35
DOW PETROLEUM CO., INC.

14. I hereby certify that the foregoing is true and correct	Title
Name (Printed/Typed)	Manager of Exploration and Geology
Signature	Date
	June 3, 2002

THIS SPACE FOR FEDERAL OR STATE 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, 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 reverse)

JUN 21 2002



RECOMPLETION AND COMMINGLING PROCEDURE

HORTON 1A
SEC. 7, T31N-R11W
SAN JUAN COUNTY, NEW MEXICO

2002 JUN -7 AM 11:36

OTO FIELD, NM

CURRENT STATUS

Total Depth: 7541' KB DTD; 7526' KB WLTD
Casing: 7 5/8" set @ 3099' KB.
Liner: 5 1/2" 15.5# AND 17# set @ 7519' KB. Liner Top @ 2902' KB.
PBTD: +/- 7300' - Baker Model "D" Packer set @ +/- 7300' w/ 10 sx cement spotted over it
Cement top: Unknown
Tubing Depth: 2 3/8" string landed open-ended at 5373.40' KB
Producing Formation: Mesaverde
Mesaverde Perforations: 4394' (top) - 5408' (bottom)
Menefee Perforations: 4802' (top) - 5054' (bottom)
Dakota Perforations: 7396' (top) - 7436' (bottom)

All personnel on location will be on Questar's Approved Vendor List and will comply with Questar's environmental and safety policies.

Procedure:

- 1) Install and/or test anchors to 25,000#. MIRUSU. Blow well down. If necessary, kill well with 2% KCL water. NDWH. NUBOP.
- 2) TOH with 2 3/8" tubing string and inspect. Replace all bad joints.
- 3) TIH with 4 3/4" mill tooth bit, drill collars and tubing to cement plug @ +/- 7300' KB. RU power swivel and foam unit. Drill out cement and packer to PBTD @ 7519'. TOH.
- 4) RU wireline. Run gauge ring for 5 1/2", 17 # casing (drift = 4.767") to PBTD.
- 5) TIH with 2 3/8" tubing and a Model "R" packer. Set @ +/- 7330'.
- 6) Swab Dakota formation to kick well off. Flow test Dakota formation for a minimum of 30 days.
- 7) When Dakota production has stabilized, pull packer to commingle well (commingling procedure will be sent at a later date).

JUN 23 2002

