

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

AUG 28 2009

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.

Bureau of Land Management
Albuquerque Field Office

5. Lease Serial No.	SF-078272
6. Indian, Allottee, or Tribe Name	
7. If Unit or CA Agreement Name and/or No.	
8. Well Name and No.	DUNN #12
9. API Well No.	30-039-23660
10. Field and Pool, or Exploratory Area	LYBROOK GALLUP/UNDESIGNATED GRANEROS
11. County or Parish, State	RIO ARRIBA NEW MEXICO

SUBMIT IN TRIPLICATE - Other Instructions on page 2.

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	2. Name of Operator QUESTAR EXPLORATION AND PRODUCTION COMPANY
3a. Address 1050 17TH STREET, SUITE 500 DENVER, CO 80265	3b. Phone No (include area code) (303) 672-6900
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 990' FSL, 1800' FEL, SWSE, Sec. 3, T23N, R7W	

12. CHECK APPROPRIATE BOX(S) 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 checked="" type="checkbox"/> Water Shut-off	
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Altering 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 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		

Q 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 or pertinent markers and sands. Attach the Bond under which the work will performed or provide the Bond No on file with the 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 Notice shall be filed only after all requirements, including reclamantion, have been completed, and the operator has determined that the site is ready for final inspection)

Questar Exploration and Production Company proposes to temporarily abandon the lower Dakota perforations of the Dunn #12 well in order to stop excessive water production by setting a CIBP at a depth of 6,300 feet, as described in the attached procedure and wellbore diagram.

No earthwork will be required for this operation.

If you have any questions or require additional information, please contact Sarah Boxley at (303) 672-6916.

RCVD SEP 2 '09

OIL CONS. DIV.

DIST. 3

14. I hereby certify that the foregoing is true and correct.

Name (Printed/ Typed)

Sarah Boxley

Title

Permit Agent

Signature

Sarah Boxley

Date

8/27/09

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Original Signed: Stephen Mason

Title

Date

AUG 28 2009

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

Dunn #12
Shut-Off Water Procedure
San Juan Basin
Sec 3-23N-7W, Rio Arriba Co., NM, 8/25/09

Surface Casing: 8-5/8", 24#, J-55 to 307'
Production Casing: 4-1/2", 11.6#, N-80 to 6,597'
KB: 12.0'
PBSD: +/- 6,475'
Open Perfs: 5,394-6,387'
Current Status: Flowing on plunger
AFE#:

Procedure:

- 1) Blow down well until both tubing and casing dead.
- 2) MIRU pulling unit and associated equipment.
- 3) TOOH with production tubing.
- 4) Pick up bit and scraper, RIH to ~100 below bottom perf or PBSD'. TOOH.
- 5) RIH and set CIBP @ 6,300'. Bail 2-3' of cement on top. TOOH.
- 6) Dump ~500 gal acid down casing to help with scale issues. Shut well in over-night.
- 7) TIH w/ production tbg and land @ ~6200'.
- 8) Rig up to swab if necessary. Make swab runs to get some acid/fluid back.
- 9) RDMO pulling unit.
- 10) Turn well back to sales.

8/27/2009

Dunn #12
Questar E&P

Megan Starr Work 303-672-6985
Cell 303-999-6842

Dunn 12

Sec. 3-T23N-R7W

Rio Arriba, New Mexico

BHL: 990' FSL, 1800' FEL

Drilled by BCO Inc.

Date: 6/9/85

Schematic - not drawn to scale

GL = 7020'

KB = 7032'

TVD = 6597'

SURFACE CASING:

Casing Size	Weight (lb/ft)	Depth Set (MD)	Cementing Record (sacks)
8 5/8"	24	307	180

Cement Job

8 - 5/8" surface casing 307' to surface. 180 sacks Class B, 2% CaCl₂, 1/4 lb floccle per sack mixed at 15.6 lbs with a yield of 1.18 or 325 cubic feet. Cement circulated to surface

PRODUCTION CASING:

Casing Size	Weight (lb/ft)	Depth Set (MD)	Plug Back TD (MD)	Cementing Record (sacks)
4 1/2"	11.6	6597	6475	1950

Cement Job

Stage 1 T.D. to 5890'. 175 sacks Class H with a TOC 5890'

Stage 2 5686' to 4836'. 175 sacks Class H with TOC 4836'

Stage 3 4648' to surface. 1600 sacks of 65/35 Class H with TOC surface.

ING:

Casing Size	Weight (lb/ft)	Depth Set (MD)
2 3/8"	4.7	6345

PERFORATION RECORD*

Depth (MD)	Size (inches)	Number (SPF)
5394-5566	0.32	1
6266-86	0.32	1
6342-87	0.32	1

* Total of 9 perms in Dakota formation. 5 perms in Greenhorn formation. 10 perms in Gallup formation

ACID/FRACTURE JOB

Depth Interval (md)	Acid (gallons)	Sand (lbs)	N ₂ (MMCF)	Foam (gallons)
5394-5566	1500	275000	3.4	124000
6266-6286	1500	62000	1.5	55900
6342-6387	1500	300000	5.4	200000

COMMENTS

Tubing was pulled 9/20/93. Tagged fill at 6423'
Acid jobs performed 8/97,

