Submit One Copy To Appropriate District Office
District I
1625 N French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave , Artesia, NM 88210
District III
1000 Rio Brazos Rd , Aztec, NM 87410
District IV
1220 S St. Francis Dr , Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
March 18, 2009

WELL API NO. 30-045-28665	
5. Indicate Type of Lease STATE X FEE ☐	
6. State Oil & Gas Lease No. V-2413	
SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS) 1. Type of Well: X Oil Well ☐ Gas Well ☐ Other	7. Lease Name or Unit Agreement Name State K 8. Well Number #1
2. Name of Operator Questar Exploration and Production	9. OGRID Number
3. Address of Operator 1070 17th Street, Suite 500, Denver, Colorado 80265	10. Pool name or Wildcat Alamito Gallup
4. Well Location Unit Letter P : 400' feet from the S line and 900' feet from the E line Section 36 Township 23N Range 8W NMPM _____ County San Juan	
11. Elevation *(Show whether DR, RKB, RT, GR, etc.)* 6942'	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	☐	PLUG AND ABANDON	X	REMEDIAL WORK	☐	ALTERING CASING	☐
TEMPORARILY ABANDON	☐	CHANGE PLANS	☐	COMMENCE DRILLING OPNS.	☐	P AND A	☐
PULL OR ALTER CASING	☐	MULTIPLE COMPL	☐	CASING/CEMENT JOB	☐		
OTHER:	☐			☒ Location is ready for OCD inspection after P&A			

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Questar Exploration and Production proposes to Plug and Abandon the above referenced well according the attached Plug and Abandonment Procedure.

RCVD JUN 9 '09
OIL CONS. DIV.
DIST. 3

SIGNATURE William F Clark TITLE Contractor DATE 6/8/09

TYPE OR PRINT NAME William F. Clark E-MAIL: billeaplusnet.com PHONE: 5053252627

For State Use Only

APPROVED BY: Kelly G. Roberts TITLE Deputy Oil & Gas Inspector, District #3 DATE JUN 11 2009

Conditions of Approval (if any):

PLUG AND ABANDONMENT PROCEDURE

June 8, 2009

State K #1

Alamito Gallup
400' FSL & 900' FEL, Unit P, Section 36, T23N, R8W
San Juan County, New Mexico, API #30-045-28665
Long: _____ / Lat: _____

Note: All cement volumes use 100% excess outside pipe and 50' excess inside. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be Class B, mixed at 15.6 ppg with a 1.18 cf/sx yield.

1. This project requires a NMOCD C-144 CLEZ Closed-Loop System Permit for the use of an A-Plus steel tank to handle waste fluids circulated from the well and cement wash up.

2. Install and test location rig anchors. Comply with all NMOCD, BLM, and Operator safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. Record casing, tubing and bradenhead pressures. NU relief line and blow down well. Kill well with water as necessary and at least pump tubing capacity of water down the tubing. ND wellhead and NU BOP. Function test BOP.

3. Rods: Yes____ , No_____, Unknown__X__.
   Tubing: Yes _X__ , No ____, Unknown_____ , Size ___2.375"___ , Length ___4980'___.
   Packer: Yes____ , No__X__, Unknown_____, Type _____.
   If this well has rods or a packer, then modify the work sequence in step #2 as appropriate.

4. **Plug #1 (Gallup perforations and top, 4725' – 4552'):** If a packer or tubing anchor were not pulled, then round trip a 4.5' casing scraper to 4750'. TIH and set 4.5" cement retainer at 4725'. Load casing with water and circulate well clean. Pressure test casing to 800#. *If casing does not test, then spot or tag subsequent plugs as appropriate.* Mix 17 sxs cement and spot a balanced plug inside casing above CR to isolate the perforations and Gallup top. PUH.

6. **Plug #2 (Mesaverde top, 2884' – 2784'):** Mix 12 sxs cement and spot a balanced plug inside casing to cover the Mesaverde top. PUH with tubing.

7. **Plug #3 (Pictured Cliffs and Fruitland top, 1420' – 1073').** Mix 30 sxs cement and spot a balanced plug inside casing to cover these tops. PUH with tubing.

8. **Plug #4 (Kirtland and Ojo Alamo tops, 1007' – 743'):** Mix 24 sxs cement and spot a balanced plug inside casing to cover these tops. PUH with tubing.

9. **Plug #5 (8.625" Surface casing shoe, 406' – Surface):** Connect the pump line to the bradenhead valve and attempt to pressure test the BH annulus to 300 PSI; note the volume to load. If the BH annulus holds pressure, then establish circulation out casing valve with water. Mix approximately 35 sxs Class B cement and spot a balanced plug inside the casing from 406' to surface, circulate good cement out casing valve. TOH and LD tubing. Shut well in and WOC. If the BH annulus does not test, then perforate at the appropriate depth and attempt to circulate cement to surface filling the 4.5" casing from 406' and the annulus to surface. Shut well in and WOC.

10. ND BOP and cut off casing below surface casing flange. Install P&A marker with cement to comply with regulations. RD, move off location, cut off anchors and restore location.

State K #1

Current

Alamito Gallup

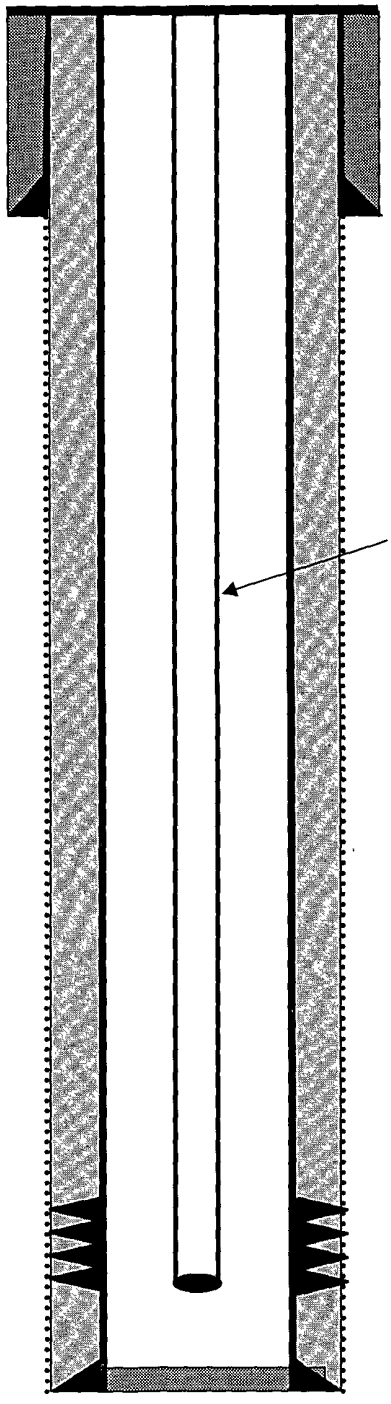
400' FSL & 900' FEL, Unit P, Section 36, T-23-N, R-8-W

San Juan County, NM / API #30-045-28665

Lat: _____ / Long:_____

Today's Date: **6/08/09**

Spud: 5/23/92
Comp: 6/18/92
Elevation: 6942' GL



Circulated 37 bbls cement to surface

12.25" Hole

8.625" 24# Casing set @ 356'
275 sxs cement, circulated to surface

Ojo Alamo @ 793'

Kirtland @ 957'

2.375" tubing set at 4980'

Fruitland @ 1123'

Pictured Cliffs @ 1370'

Mesaverde @ 2834'

Gallup @ 4602'

Gallup Perforations:
4775' – 5017'

7.875" Hole

4.5" 11.6#, N-80 Casing @ 5119'
Cemented with 800 sxs (1910 cf)
Circulated 37 bbls to surface

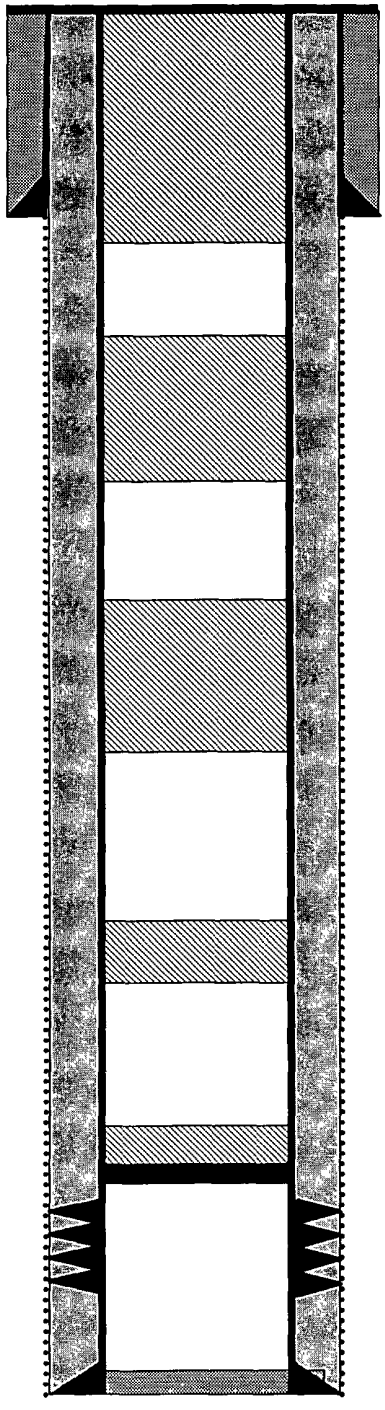
TD 5130'
PBTD 5060'

State K #1

Proposed P&A

Alamito Gallup
400' FSL & 900' FEL, Unit P, Section 36, T-23-N, R-8-W
San Juan County, NM / API #30-045-28665
Lat: _____ / Long:_____

Today's Date. **6/08/09**
Spud. 5/23/92
Comp. 6/18/92
Elevation· 6942' GL



Circulated 37 bbls cement to surface

12.25" Hole

8.625" 24# Casing set @ 356'
275 sxs cement, circulated to surface

Plug #5: 406' – Surface
Class B cement, 35 sxs

Ojo Alamo @ 793'

Plug #4: 1007' – 743'
Class B cement, 24 sxs

Kirtland @ 957'

Fruitland @ 1123'

Plug #3: 1420' – 1073'
Class B cement, 30 sxs

Pictured Cliffs @ 1370'

Mesaverde @ 2834'

Plug #2: 2884' – 2784'
Class B cement, 12 sxs

Plug #1: 4725' – 4552'
Class B cement, 17 sxs

Set CR at 4725'

Gallup Perforations:
4775' – 5017'

Gallup @ 4602'

7 875" Hole

4 5" 11.6#, N-80 Casing @ 5119'
Cemented with 800 sxs (1910 cf)
Circulated 37 bbls to surface

TD 5130'
PBTD 5060'