

## Jicarilla K #9

Proposed P&A

South Blanco Pictured Cliffs

SW, Section 12, T-25-N, R-5-W, Rio Arriba County, NM

API #30-039-060620

Lat: N 36° 24' 34.632" / Long: W 107° 18' 57.6"



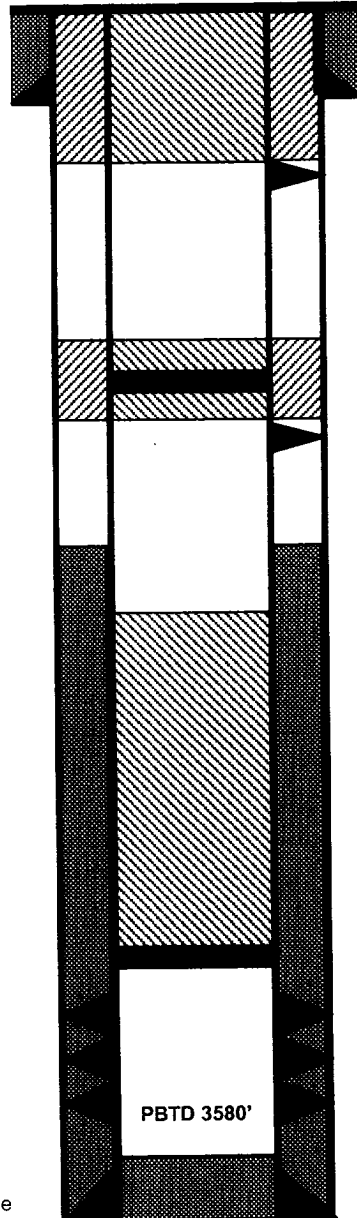
Today's Date: 09/20/01

Spud: 07/13/60

Completed: 07/22/60

Elevation: 7215' GL  
7230' KB

13-3/8" hole



9-5/8" 32.3#, H-40 Csg set @ 202'  
Cmt w/200 sxs (Circulated to Surface)

Perforate @ 252'

Plug #3 252' - Surface  
Cmt with 100 sxs

Nacimiento @ 1940'

Cmt Retainer @ 1940'

Plug #2 1990' - 1890'  
Cmt with 51 sxs, 39 sxs  
outside and 12 sxs inside

Perforate @ 1990'

Ojo Alamo @ 2985'

TOC @ 2820' (Calcl, 75%)

Kirtland @ 3225'

Plug #1 3489' - 2935'  
Cmt with 46 sxs

Fruitland @ 3378'

Set CIBP @ 3489'

Pictured Cliffs @ 3535'

Pictured Cliffs Perforations:  
3539' - 3574'

7-7/8" Hole

4-1/2" 9.5# J-55 Casing set @ 3597'  
Cmt with 200 sxs

PBTD 3580'

TD 3610'

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**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 reverse side.**

5. Lease Serial No.  
**CONT 145**

6. If Indian, Allottee or Tribe Name

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

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

8. Well Name and No.  
**JICARILLA K 9**

2. Name of Operator  
**CONOCO INC.**

Contact: **DEBORAH MARBERRY**  
E-Mail: **deborah.moore@conoco.com**

9. API Well No.  
**30-039-06062**

3a. Address  
**P.O. BOX 2197 DU 3066  
HOUSTON, TX 77252**

3b. Phone No. (include area code)  
Ph: **281.293.1000**  
Fx: **281.293.3468**

10. Field and Pool, or Exploratory  
**BLANCO P.C. SOUTH**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**Sec 12 T25N R5W Mer SWSW 990FSL 990FWL**

County or Parish, and State  
**RIO ARriba COUNTY, NM**

**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 type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" 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 shall 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 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.)

Conoco proposes to plug this well using the attached procedure. Also attached is a current and proposed wellbore schematic.

*Did not attach proposed wellbore schematic, only current (three)*

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #7448 verified by the BLM Well Information System For CONOCO INC., sent to the Rio Puerco Committed to AFMSS for processing by Angie Medina-Jones on 09/26/2001 ( )</b>	
Name (Printed/Typed) <b>DEBORAH MARBERRY</b>	Title <b>SUBMITTING CONTACT</b>
Signature	Date <b>09/26/2001</b>

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By <i>[Signature]</i>	Lands and Mineral Resources
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.	Title <i>10/25/01</i>
	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.

**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***

*\* Submit proposed wellbore schematic*

# Jicarilla K #9

Current

South Blanco Pictured Cliffs

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7230' KB

13-3/8" hole

9-5/8" 32.3#, H-40 Csg set @ 202'  
Cmt w/200 sxs (Circulated to Surface)

Nacimiento @ 1940'

TOC @ 2820' (Calc, 75%)

Ojo Alamo @ 2985'

1-1/2" Tubing set at 3534'  
(112 joints, NU, 2.75#)

Kirtland @ 3225'

Fruitland @ 3378'

Pictured Cliffs @ 3535'

Pictured Cliffs Perforations:  
3539' - 3574'

PBTD 3580'

4-1/2" 9.5#, J-55 Casing set @ 3597'  
Cmt with 200 sxs

7-7/8" Hole

TD 3610'

# Jicarilla K #9

Current After

South Blanco Pictured Cliffs

SW, Section 12, T-25-N, R-5-W, Rio Arriba County, NM

API #30-039-060620

Lat: N 36° 24' 34.632" / Long: W 107° 18' 57.6"

Today's Date: 09/20/01

Spud: 07/13/60

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Elevation: 7215' GL  
7230' KB

13-3/8" hole

Nacimiento @ 1940'

Ojo Alamo @ 2985'

Kirtland @ 3225'

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Pictured Cliffs @ 3535'

9-5/8" 32.3#, H-40 Csg set @ 202'  
Cmt w/200 sxs (Circulated to Surface)

TOC @ 2820' (Calc, 75%)

1-1/2" Tubing set at 3534'  
(112 joints, NU, 2.75#)

Pictured Cliffs Perforations:  
3539' - 3574'

4-1/2" 9.5#, J-55 Casing set @ 3597'  
Cmt with 200 sxs

7-7/8" Hole

PBTD 3580'

TD 3610'

## PLUG AND ABANDONMENT PROCEDURE

09/20/01

### Jicarilla K #9

South Blanco Pictured Cliffs  
990' FSL & 990' FWL, Section 12, T25N, R5W  
Rio Arriba County, New Mexico  
API #30-039-060620  
Lat: N36° 24' 34.632" / Long: W107° 18' 57.6"

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 is ASTM Type II, mixed at 15.6ppg with a yield of 1.18 cf/sx.

1. Install and test location rig anchors. Prepare blow pit. Comply with all NMOCD, BLM, and Conoco safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line and blow down well; kill with water as necessary. ND wellhead and NU BOP. Test BOP.
2. TOH and LD 112 joints 1-1/2", NU tubing, total 3534'. Prepare and PU a workstring. Round-trip 4-1/2" gauge ring or casing scraper to 3489' or as deep as possible.
3. **Plug #1 (Pictured Cliffs perforations and Frutland, Kirtland and Ojo Alamo tops, 3489' – 2935')**: Set 4-1/2" wireline CIBP or CR at 3489'. TIH with tubing and tag. Load casing with water and circulate well clean. Pressure test casing to 500#. If casing does not test, spot or tag subsequent plugs as appropriate. Mix 47 sxs cement and spot a balanced plug inside casing above the CIBP to isolate the Pictured Cliffs perforations and to cover through the Ojo Alamo top. TOH with tubing.
4. **Plug #2 (Nacimiento top, 1990' – 1890')**: Perforate 3 HSC squeeze holes at 1990'. Set 4-1/2" cement retainer at ~~1990'~~ <sup>1990'</sup>. Establish rate into squeeze holes. Mix 51 sxs cement, squeeze 39 sxs cement outside 4-1/2" casing and leave 12 sxs cement inside casing to cover Nacimiento top. TOH and LD tubing.
5. **Plug #3 (9-5/8" Surface casing, 252' - Surface)**: Perforate squeeze holes at 252'. Establish circulation out bradenhead valve. Mix and pump approximately 100 sxs cement down 4-1/2" casing to circulate good cement out bradenhead valve. Shut well in and WOC.
6. ND BOP and cut off casing below surface. Install P&A marker with cement to comply with regulations. RD, move off location, cut off anchors and restore location.

IN REPLY REFER TO  
3162.3-1 (017)

UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT  
Albuquerque Field Office  
435 Montano N.E.  
Albuquerque, New Mexico 87107

Company Conoco Inc.

Well No. Jicarilla K No. 9

Location 990' FSL & 990' FWL Sec. 12, T25N, R5W, NMPM

Lease No. Jicarilla Contract 145

Government Contacts:

Bureau of Land Management , Albuquerque Field Office Office 505.761.8700  
Manager: Steve Anderson, Assistant Field Manager 505.761.8982  
Petroleum Engineer: Brian W. Davis 505.761.8756, Home 505.323-8698,  
Pager 505.381.0346, Cell 505.249.7922,  
Petroleum Engineering Technician: **Bryce Hammon, Office 505.759.1823, x-31, Cell 505.320.9741**  
BLM Geology / Environmental Contact: Patricia M. Hester 505.761.8786

**GENERAL REQUIREMENTS**  
**FOR**  
**OIL AND GAS OPERATIONS FEDERAL & INDIAN LEASES**

1. Plugging operations authorized are subject to the "General Requirements for Permanent Abandonment of Wells on Federal and Indian Leases."
2. For wells on Indian leases, Bryce Hammond with the Jicarilla Nation Tribal Oil and Gas Office is to be notified at least 24 hours (48 hours if possible) before the plugging operations commence. His phone number is (505) 759-1823, x-31 office, (505) 320-9741 cell. Office hours are 7:45 a.m. to 4:30 p.m.
3. Blowout prevention equipment is required.
4. The sundry is approved with the following change:  
  
Plug 2, retainer needs to be set @ 1940, not 1990.

## BLM CONDITIONS OF APPROVAL

The following surface rehabilitation Conditions of Approval must be complied with as applicable, before this well can be approved for final abandonment (see 43 CFR 3162.3-4). Surface rehabilitation work shall be completed within one year of the actual plugging date. Notification for completion of this work should be submitted with a Sundry Notice. Questions? Call Pat Hester at (505) 761-8786.

1. All fences, production equipment, purchaser's equipment, concrete slabs, deadman (anchors), flowlines, risers, debris and trash must be removed from the location. Non-retrieved flowlines and pipelines will be abandoned in accordance with State Rule 714. Information supporting the non-retrieval will be included in the subsequent report or final abandonment Sundry Notice.

2. Production pits will be closed according to the Unlined Surface Impoundment Closure Guidelines, as approved in the Environmental Assessment of December 1993. Any oil stained soils can be remediated on-site according to these guidelines or disposed of in an approved facility.

3. The well pad will be shaped to the natural terrain and left as rough as possible. All compacted areas and areas devoid of vegetation shall be ripped to a minimum of 12" in depth before reseeding.

4. Access roads will be shaped to conform to the natural terrain and left as rough as possible to deter vehicle travel. Access will be ripped to a minimum of 12" in depth, water barred and reseeded. All erosion problems created by the development must be corrected prior to acceptance of release. Water bars should be spaced as shown below along the fall line of the slope:

% Slope	Spacing Interval
Less than 20%	200'
2 to 5 %	150'
6 to 9 %	100'
10 to 15 %	50'
Greater than 15%	30'

5. All disturbed areas will be seeded with the prescribed certified seed mix (reseeding may be required). Seed mix must be certified weed free to avoid the introduction of noxious weeds. Refer to the original APD for seed mix.

6. Notify Surface Managing Agency seven (7) days prior to seeding so that they may be present to witness.

7. The period of liability under the bond of record will not be terminated until the well is inspected and the surface rehabilitation approved.

Other Surface Managing Agencies (SMA's) may vary slightly in their restoration requirements. It is your responsibility, as the operator, to obtain surface restoration requirements from other SMA's. We need to be provided with a copy of these requirements. Any problems concerning stipulations received from other SMA's should be brought to us. On private land, a letter from the fee owner stating that the surface restoration is satisfactory will be provided to the office. Questions? Call Pat Hester at (505) 761-8786.