Form 3160-5
(August 1999)

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.

JUN 2001 RECEIVED OIL CON. DIV. DIST. 3

5. Lease Serial No.: CONT 145
6. If Indian, Allottee or Tribe Name:
7. If Unit or CA/Agreement, Name and/or No.:
8. Well Name and No.: JICARILLA K 14
9. API Well No.: 30-039-20392
10. Field and Pool, or Exploratory: BLANCO PC SOUTH, OTERO CHA
11. County or Parish, and State: RIO ARRIBA COUNTY, NM

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

2. Name of Operator: CONOCO INC.
Contact: DEBORAH MARBERRY
E-Mail: deborah.moore@usa.conoco.com

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

3b. Phone No. (include area code)
Ph: 281.293.1005
Fx: 281.293.5466

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 11 T25N R5W Mer SWSE 975FSL 1640FEL

12. CHECK 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
	☐ 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 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 and abandon this well using the attached procedure. Also attached are proposed and current wellbore schematics.

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #4912 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 06/11/2001 ()

Name *(Printed/Typed)* DEBORAH MARBERRY — Title SUBMITTING CONTACT

Signature — Date 06/11/2001

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ______ Title Lands and Mineral Resources Date 6/15/01

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.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

Jicarilla K #14

Current

Dakota / Mesaverde/ Chacra/ Pictured Cliffs

SE, Section 11, T-25-N, R-05-W, Rio Arriba County, NM

API #30-039-20392

Long N 36^ 24'34.848" / Lat W 107^ 19'30"

Today's Date: 5/30/00
Spud: 7/27/71
Complete Dk, Chacra & PC: 9/16/71
Completed MV: 6/98

Elevation: 6787' GL
6798' KB

12-1/4" hole

TOC @ 2500' (CBL, '71)

Nacimiento @ 1260'

Ojo Alamo @ 2560'

Kirtland @ 2755'

Fruitland @ 2915'

Pictured Cliffs @ 3065'

Chacra @ 3950'

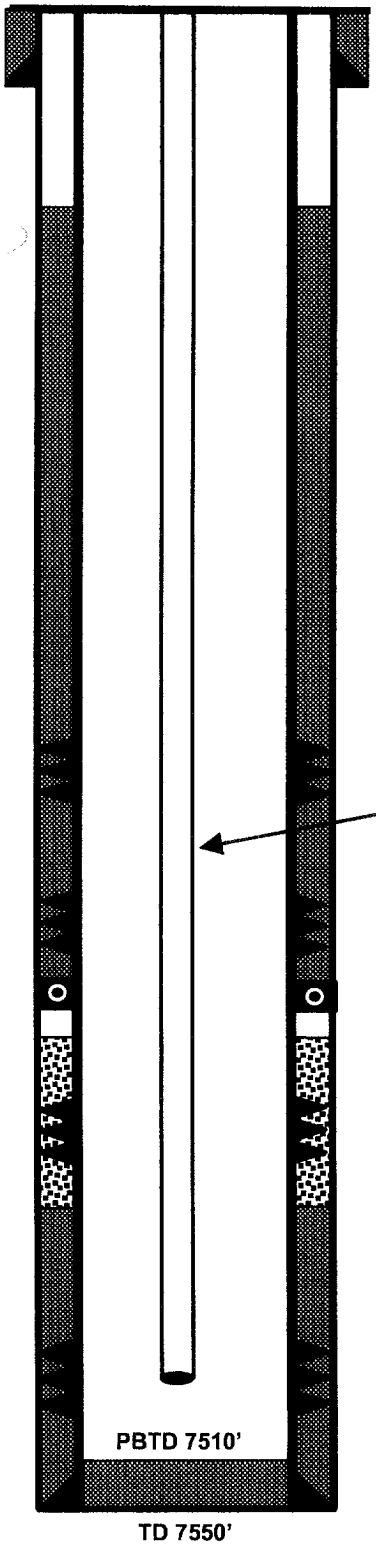
Mesaverde @ 4742'

Perf @ 5555', sqz with 200 sxs; then perf at 5030', sqz with 200 sxs (6/98)

Gallup @ 6420'

Dakota @ 7260'

7-7/8" hole



8-5/8" 24#, J-55 Csg set @ 304'
Cmt w/250 sxs (Circulated to Surface)

Well History

Sep '71: Triple completion with Model D packer at 7162' and a FA packer at 3914'; two strings of 1-1/2" tubing.
Oct '82: Repair tubing holes.
Apr '91: Commingle Chacra & PC: pull and fish tubing; mill out FA packer at 3914'; TA Dakota zone.
Jun '98: Complete Mesaverde: Pull most of tubing, heavy corrosion; fish out; set CompBP at 5800'; run CBL; perf squeeze hole at 5555', sqz with 200 sxs; DO and log; set plug at 5540'; perf at 5030' and sqz with 200 sxs. Perf and frac MV zone 5509' – 5083'; CO and swab test well for 17 days; drill out plugs at 5540' and 5800'; mill out Model D at 7162'; unload well with foam; commingle four zones, land tubing.

Pictured Cliffs Perforations:
3064' – 3114'

2-3/8" tubing @ 7353'
(234 joints with SN)

Chacra Perforations:
3950' – 3980'

DV Tool @ 4132'
Cmt with 1250 cf

TOC @ 4400'
('98 CBL after squeezing)

Mesaverde Perforations:
5083' – 5509'

TOC @ 5800' ('98 CBL)

Dakota Perforations:
7262' – 7462'

5-1/2" 15.5#, K-55 Casing set @ 7530'
Cement with 1200 cf

Jicarilla K #14

Proposed P&A

Dakota / Mesaverde/ Chacra/ Pictured Cliffs

SE, Section 11, T-25-N, R-05-W, Rio Arriba County, NM

API #30-039-20392

Long N 36^ 24'34.848" / Lat W 107^ 19'30"

Today's Date: 5/30/00
Spud: 7/27/71
Complete Dk, Chacra & PC: 9/16/71
Completed MV: 6/98

Elevation: 6787' GL
6798' KB

Nacimiento @ 1260'

Ojo Alamo @ 2560'

Kirtland @ 2755'

Fruitland @ 2915'

Pictured Cliffs @ 3065'

Chacra @ 3950'

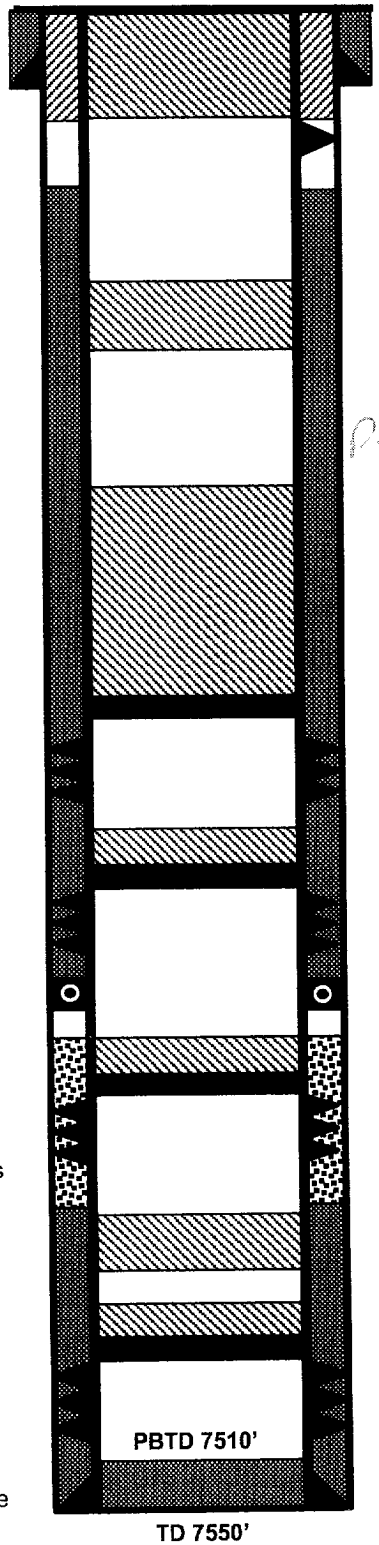
Mesaverde @ 4742'

Perf @ 5555', sqz with 200 sxs; then perf at 5030', sqz with 200 sxs (6/98)

Gallup @ 6420'

Dakota @ 7260'

12-1/4" hole



7-7/8" hole

TD 7550'

8-5/8" 24#, J-55 Csg set @ 304'
Cmt w/250 sxs (Circulated to Surface)

Perforate @ 354'

Plug #7 354' - Surface
Cement with 130 sxs

TOC @ 500' (CBL, '71)

Plug #6 1310' – 1210'
Cement with 17 sxs

Plug #5 3014' – 2510'
Cement with 63 sxs

Set CIBP @ 3014'

Pictured Cliffs Perforations:
3064' – 3114'

Set CIBP @ 3900'

Plug #4 3900' – 3800'
Cement with 17 sxs

Chacra Perforations:
3950' – 3980'

DV Tool @ 4132'
Cmt with 1250 cf

TOC @ 4400'
('98 CBL after squeezing)

Set CIBP @ 5033'

Plug #3 5033' – 4692'
Cement with 45 sxs

Mesaverde Perforations:
5083' – 5509'
TOC @ 5800' ('98 CBL)

Plug #2 6470' – 6370'
Cement with 17 sxs

Set CIBP @ 7212'

Plug #1 7212' – 7112'
Cement with 17 sxs

Dakota Perforations:
7262' – 7462'

5-1/2" 15.5#, K-55 Casing set @ 7530'
Cement with 1200 cf

PLUG AND ABANDONMENT PROCEDURE

5/30/00

Jicarilla K-14

Dakota/Mesaverde/Chacra/Pictured Cliffs
975' FSL and 1640' FEL, Section 11, T25N, R5W
Rio Arriba County, New Mexico
Long N 36^ 24.34.848"/ Lat W 107^ 19'30"
API #30-039-20392

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, (15.6ppg, 1.18 cf/sx).

1. Install and test rig anchors. Prepare blow pit. Comply to all NMOCD, BLM and Conoco safety rules and regulations. Conduct safety meeting for all personnel on location. MOL and RU daylight pulling unit. NU relief line and blow well down; kill with water as necessary. ND wellhead and NU BOP and stripping head; test BOP.

3. TOH and tally 234 joints 2-3/8" tubing at 7353'. Visually inspect the tubing and if necessary LD and PU workstring. Round-trip 5-1/2" gauge ring to 7212' or as deep as possible

4. **Plug #1 (Dakota Interval, 7212' – 7112'):** Set a 5-1/2" CIBP or CR at 7212'. TIH with open ended tubing and tag CIBP. Pump 50 bbls water down tubing. Rig up swab tools and RIH to determine fluid level. Mix 17 sxs cement and displace with a calculated volume to spot the slurry above the CIBP to isolate Dakota perforations. PUH to 6470'.

5. **Plug #2 (Gallup top, 6470' - 6370'):** Mix 17 sxs cement and displace with a calculated volume to spot the slurry inside casing to cover the Gallup top. TOH with tubing.

6. **Plug #3 (Mesaverde Interval, 5033' – 4692'):** Set a 5-1/2" CIBP or CR at 5033'. TIH with open ended tubing and tag CIBP. Pump 50 bbls water down tubing. Rig up swab tools and RIH to determine fluid level. Mix 45 sxs cement and displace with a calculated volume to spot the slurry above the CIBP to isolate Mesaverde perforations. TOH with tubing.

7. **Plug #4 (Chacra Interval, 3900' – 3800'):** Set a 5-1/2" CIBP or CR at 3900'. TIH with open ended tubing and tag CIBP. Pump 20 bbls water down tubing. Rig up swab tools and RIH to determine fluid level. Mix 17 sxs cement and displace with a calculated volume to spot the slurry above the CIBP to isolate Chacra perforations. PUH with tubing to 3014'.

8. **Plug #5 (Pictured Cliffs perforations and Fruitland, Kirtland and Ojo Alamo tops, 3014' – 2510'):** Set a 5-1/2" CIBP or CR at 3014'. TIH with open ended tubing and tag CIBP. Load casing with water and circulate water clean. Pressure test to 500#. If casing does not test, then spot or tag subsequent plugs as appropriate. Mix 63 sxs cement and spot a balanced plug above the CIBP up to 2510' to isolate PC perforations and cover through the Ojo Alamo top. PUH to 1310'.

9. **Plug #6 (Nacimiento top, 1310' – 1210'):** Mix 17 sxs cement and spot a balanced plug inside the casing to cover the Nacimiento top. TOH and LD tubing.

10. **Plug #7 (8-5/8" casing shoe, 354' - Surface):** Perforate 3 HSC squeeze holes at 354'. Establish circulation out bradenhead valve. Mix and pump approximately 130 sxs cement down 5-1/2" casing and circulate good cement out bradenhead valve. Shut well in and WOC.

11. ND BOP and cut off wellhead below surface casing flange. Install P&A marker with cement to comply with regulations. RD, MOL and cut off anchors. Restore location per BLM stipulations.

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 a 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.