

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 66

6. If Indian, Allottee or Tribe Name
JICARILLA

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

8. Well Name and No.
JICARILLA 28 9

9. API Well No.
3003920351

10. Field and Pool, or Exploratory Area
LINDRITH GALLUP-DAKOTA, WEST

11. County or Parish, and State
RIO ARRIBA NM

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

2. Name of Operator
CONOCO INC.

3a. Address P. O. BOX 2197, DU 3084
HOUSTON, TX 77252-2197

3b. Phone No. (include area code)
281.293.1613

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

970FEL 660FNL

28-25N-4W

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 files 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 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 Inc. proposed to Plug and Abandon the above mentioned well as per attached procedures.

Electronic Submission #2206 verified by the BLM Well Information System for CONOCO INC. Sent to the Rio Puerco Field Office
Committed to AFMSS for processing by Angie Medina-Jones on 12/20/2000

Name (Printed/Typed) YOLANDA PEREZ

Title COORDINATOR

Signature

Date 12/20/2000

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

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.

Lands and Mineral Resources

Date 01-09-01

Office

Revisions to Operator-Submitted EC Data for Sundry #2206

	Operator Submitted	BLM Revised (AFMSS)
Lease:	CONT 66	
Agreement:		
Operator:	CONOCO INC. P. O. BOX 2197, DU 3084 HOUSTON, TX 77252-2197	CONOCO INC. P. O. BOX 2197, DU 3084 HOUSTON, TX 77252-2197
Contact:	YOLANDA PEREZ	YOLANDA PEREZ
Title:	COORDINATOR	COORDINATOR
Phone:	281.293.1613	281.293.1613
Fax:	281.293.5466	281.293.5466
Email:	yolanda.perez@usa.conoco.com	yolanda.perez@usa.conoco.com
Wells:	3003920351 JICARILLA 28 9 NENE Sec 28 T25N R4W Mer 970FEL 660FNL	3003920351 JIC APACHE 9 NENE Sec 28 T25N R4W Mer NMP

PLUG AND ABANDONMENT PROCEDURE

12/18/00

Jicarilla 28-9

West Lindrith Dakota / Gallup
660' FNL and 970' FEL, Section 28, T25N, R4W
Rio Arriba County, New Mexico
Lat: 36°22.'34.608" N / Long: 107° 15'5.76" W, API #30-039-20351

Note: All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures.

1. Install and test rig anchors. Prepare blow pit. Comply to all NMOCD, BLM and Conoco safety rules and regulations. Conduct JSA 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 LD rods and pump. Release anchor and then TOH and tally approximately 247 2-7/8" tubing, 7652'. If necessary, LD tubing and PU workstring
4. **Plug #1 (Dakota perforations and top, 7408' – 7308')**: Set a wireline 4-1/2" CIBP or CR at 7408'. TIH with open ended tubing and tag CIBP. Load casing with 50 bbls water. Spot 12 sxs Type II cement on top of CIBP to isolate Dakota perforations. TOH with tubing.
5. **Plug #2 (Gallup perforations and top, 6588' – 6488')**: Set a wireline 4-1/2" CIBP or CR at 6588'. TIH with open ended tubing and tag CIBP. Load casing with water and circulate clean. Pressure test casing to 500#. If casing does not test, spot or tag subsequent plugs as appropriate. Spot 12 sxs Type II cement on top of CIBP to isolate Gallup. PUH to 4977'.
7. **Plug #3 (Mesaverde, 4977' – 4877')**: Mix 12 sxs Type II cement and spot balanced plug inside casing to cover Mesaverde top. PUH to 3298'.
8. **Plug #4 (Pictured Cliffs, Fruitland, Kirtland and Ojo Alamo tops, 3298' – 2660')**: Mix 53 sxs Type II cement and spot balanced plug inside casing to cover through Ojo Alamo top. TOH.
9. **Plug #5 (Nacimiento top, 1270' – 1170')**: Perforate 3 HSC squeeze holes at 1270'. If casing tested establish rate into squeeze holes. Set 4-1/2" cement retainer at 1220'. Establish rate into squeeze holes. Mix 51 sxs Type II cement, squeeze 39 sxs outside and leave 12 sxs inside to cover Nacimiento top. POH and LD tubing.
10. **Plug #6 (8-5/8" casing shoe, 286' to Surface)**: Perforate 3 HSC holes at 286' and establish circulate to surface. Mix and pump approximately 110 sxs cement and pump down the 4-1/2" casing, circulate good cement to surface. Shut in well 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.

Jicarilla 28-9

Proposed P&A

West Lindrith Dakota / Gallup

NE, Section 28, T-25-N, R-4-W, Rio Arriba County, NM

Lat: 36° 22' 34.608"N / Long: 107° 15' 5.76"W

API #30-039-20351

Today's Date: 12/18/00
Spud: 1/10/71
Completed Dk/GI: 3/13/71
Re-Completed MV: 1/30/91
Elevation: 6943' GI
6955' KB

12-1/4" hole

Nacimiento @ 1220'

Ojo Alamo @ 2710'

Kirtland @ 2890'

Fruitland @ 3036'

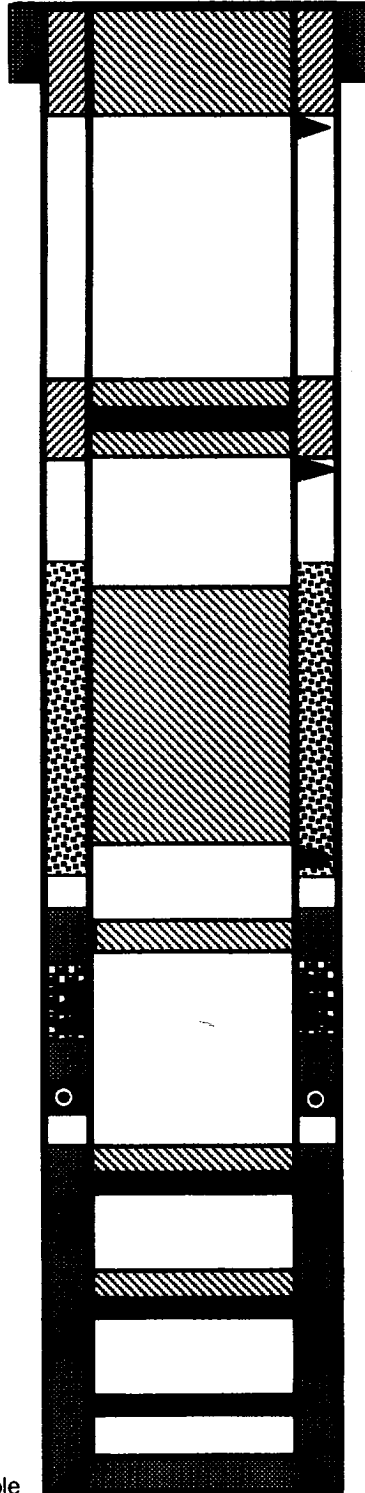
Pictured Cliffs @ 3248'

Mesaverde @ 4927'

Gallup @ 6603'

Dakota @ 7455'

7-7/8" hole



8-5/8" 24#, K-55 Csg set @ 236'
Cmt w/175 sxs (Circulated to Surface)

Perforate @ 286'

Plug #6 286' - Surface
Cement with 110 sxs

Cmt Retainer @ 1149'

Perforate @ 1199'

Plug #5 1270' - 1170'
Cement with 51 sxs,
39 sxs outside casing
and 12 sxs inside.

TOC @ 2697' (Calc, 75%)

Isolate casing leak at 3283',
squeeze with 150 sxs (1990)

Plug #4 3298' - 2660'
Cement with 53 sxs

Mesaverde Perforations:
5456'-5594'

Sqz'd MV Zone - Wet, No
information available (1991)

DV Tool @ 5728'

Cmt with 505 sxs (743 cf)

TOC @ 5823' (Calc, 75%)

Set CIBP @ 6588'

Gallup Perforations:
6638' - 6684'

Plug #3 4977' - 4877'
Cement with 12 sxs

Plug #2 6588' - 6488'
Cement with 12 sxs

Set CR or CIBP @ 7408'

Dakota Perforations:
7458' - 7670'

CIBP set at 7693' (1971)

Plug #1 7408' - 7308'
Cement with 12 sxs

4-1/2" 10.5#&11.6#, K-55 Casing set @ 7733'
Cemented with 460 sxs (580 cf)

TD 7733'

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 can 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.