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.

5. Lease Serial No.
CONT 360

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.
NE HAYNES 9

2. Name of Operator
CONOCO INC.

9. API Well No.
3003908175

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

3b. Phone No. *(include area code)*
281.293.1005

10. Field and Pool, or Exploratory Area
OTERO GALLUP

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
791FEL 791FNL A - 21 - 24 - 5

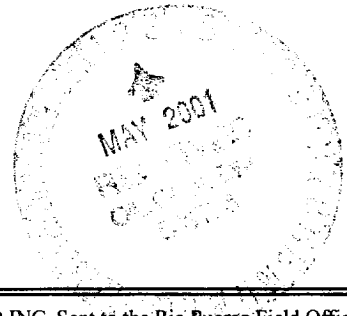
11. County or Parish, and State
RIO ARRIBA NM

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 files 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 current and proposed wellbore schematics.



Electronic Submission #3773 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 04/23/2001

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

Signature — Date 04/20/2001

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By — Title Lands and Mineral Resources — Date 4/27/01

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

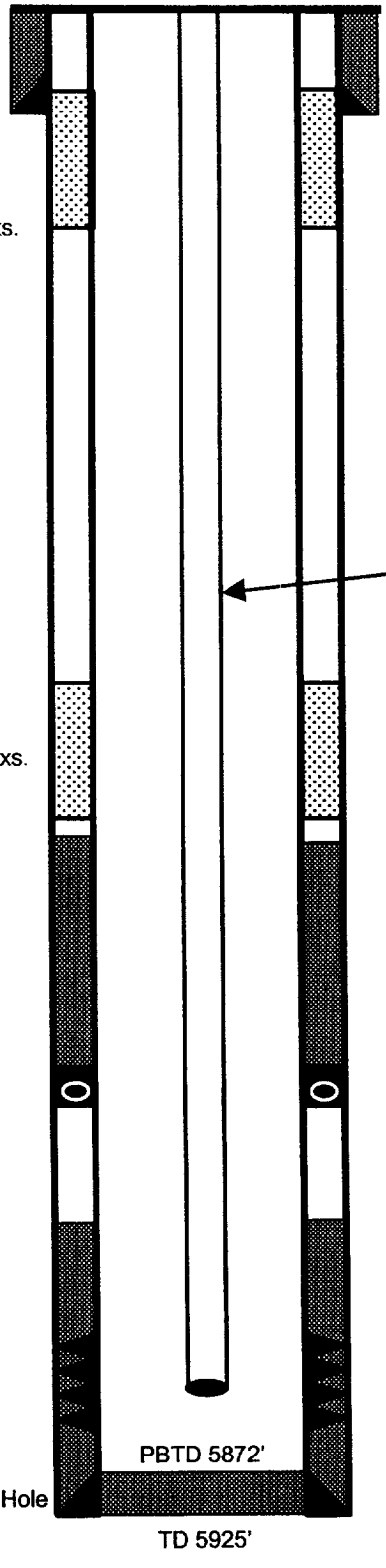
Revisions to Operator-Submitted EC Data for Sundry #3773

	Operator Submitted	BLM Revised (AFMSS)
Lease:	CONT 360	JIC360
Agreement:		
Operator:	CONOCO INC. P.O. BOX 2197 DU 3066 HOUSTON, TX 77252	CONOCO INC. P.O. BOX 2197 DU 3066 HOUSTON, TX 77252
Contact:	DEBORAH MARBERRY	DEBORAH MARBERRY
Title:	SUBMITTING CONTACT	SUBMITTING CONTACT
Phone:	281.293.1005	281.293.1005
Fax:	281.293.5466	281.293.5466
Email:	deborah.moore@usa.conoco.com	deborah.moore@usa.conoco.com
Wells:	3003908175 NE HAYNES 9 NENE Sec 21 T24N R5W Mer 791FEL 791FNL	3003908175 NE HAYNES 9 NENE Sec 21 T24N R5W Mer NMP

NE Haynes #9

Current

Otero Gallup
NE, Section 21, T-24-N, R-5-W, Rio Arriba County, NM
API #30-039-08175
Lat: / Long:



Today's Date: 4/17/01
Spud: 04/10/64
Completed: 04/29/64
El: 6680' GL
6691' KB

12" Hole

Casing Repair:
at 651',
sqzd with 125 sxs.

Nacimiento @ 1220'

Ojo Alamo @ 2000'

Kirtland @ 2130'

Fruitland @ 2210'

Casing Repair:
2151' to 2343',
sqzd with 81 sxs.

Pictured Cliffs 2380'

Mesaverde @ 3920'

Gallup @ 5635'

7-7/8" Hole

PBTD 5872'

TD 5925'

9-5/8" 36# Casing set @ 319'
200 sxs cement (Circulated to Surface)

Well History

Jun '79: Tubing plugged, clean out with foam & N_2 land tubing and swab well.

Aug '79: Pull tubing; isolate casing leaks from 2151' to 2343'; squeezed with 81 sxs; drilled out; found leak at 6351'; squeezed with 125 sxs; drilled out; swabbed dry; blew clean with N_2 & foam, to 5838'; land tubing.

2-3/8" Tubing set at 5808'

Top of Cmt 2485' (Calc, 75%)

DV tool @ 4852'
Cmt w/ 575 sxs (718 cf)

Top of Cmt @ 5439' (Calc, 75%)

Gallup Perforations:
5658' – 5860'

4-1/2" 10.5# Casing set @ 5925'
Cement with 125 sxs (148 cf)

NE Haynes #9

Proposed P&A

Otero Gallup

NE, Section 21, T-24-N, R-5-W, Rio Arriba County, NM

API #30-039-08175

Lat: / Long:

Today's Date: 4/17/01
Spud: 04/10/64
Completed: 04/29/64
El: 6680' GL
6691' KB

12" Hole

Casing Repair:
at 651',
sqzd with 125 sxs.

Nacimiento @ 1220'

Ojo Alamo @ 2000'

Kirtland @ 2130'

Fruitland @ 2210'

Casing Repair:
2151' to 2343',
sqzd with 81 sxs.

Pictured Cliffs 2380'

Mesaverde @ 3920'

Gallup @ 5635'

7-7/8" Hole

PBTD 5872'

TD 5925'

Perforate @ 50'

Plug #7 50' - Surface
Cement with 20 sxs

9-5/8" 36# Casing set @ 319'
200 sxs cement (Circulated to Surface)

Plug #6 369' – 269'
Cement with 12 sxs

Cmt Retainer@ 1220'

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

Perforate @ 1270'

Plug #4 2130' - 1950'
Cement with 88 sxs,
70 outside casing
and 18 inside.

Cmt Retainer@ 2100'

Perforate @ 2180'

Plug #3 2430' - 2160'
Cement with 25 sxs

Top of Cmt 2485' (Calc, 75%)

Plug #2 3970' - 3870'
Cement with 12 sxs

DV tool @ 4852'
Cmt w/ 575 sxs (718 cf)

Top of Cmt @ 5439' (Calc, 75%)

Set CIBP @ 5608'

Plug #1 5608' - 5508'
Cement with 12 sxs

Gallup Perforations:
5658' – 5860'

4-1/2" 10.5# Casing set @ 5925'
Cement with 125 sxs (148 cf)

PLUG AND ABANDONMENT PROCEDURE

4/17/01

NE Haynes #9

Otero Gallup

· 791' FNL, 791' FEL, Section 21, T24N, R5W
Rio Arriba County, New Mexico, API #30-039-08175
Long:_____ / Lat: _____

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.
All cement will be ASTM Type II, mixed at 15.6 ppg with a 1.18 cf/sx yield.

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 JSA 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 tally 2-3/8" tubing. If necessary LD and PU tubing workstring. Round-trip 4-1/2" gauge ring or casing scraper to 5608' or as deep as possible.

3. **Plug #1 (Gallup perforations, 5608' – 5508'):** Set 4-1/2" wireline CIBP or retainer at 5608'. TIH with open ended tubing and tag CIBP. Load casing with water and establish circulation. Pressure test casing to 500#. If casing does not test, spot or tag subsequent plugs as appropriate. Mix 12 sxs cement and spot a balanced plug inside casing above the CIBP to isolate Gallup perforations and top. PUH to 3970'.

4. **Plug #2 (Mesaverde top, 3970' – 3870'):** Mix 12 sxs cement and spot balanced plug inside casing to cover through Mesaverde top. PUH to 2430'.

5. **Plug #3 (Pictured Cliffs and Fruitland tops, 2430' – 2160'):** Mix 25 sxs cement and spot balanced plug inside casing to cover through the Pictured Cliffs and Fruitland tops. TOH with tubing.

6. **Plug #4 (Kirtland and Ojo Alamo tops, 2130' – 1950'):** Perforate 3 HSC squeeze holes at 2130'. Set 4-1/2" cement retainer at 2100'. Pressure test tubing to 1000#. Establish rate below retainer into squeeze holes. Mix 88 sxs cement, squeeze 70 sxs cement outside 4-1/2" casing and leave 18 sxs cement inside casing to cover Kirtland and Ojo Alamo tops. TOH with tubing.

7. **Plug #5 (Nacimiento top, 1270' – 1170'):** Perforate 3 HSC squeeze holes at 1270'. Set 4-1/2" cement retainer at 1220'. Establish rate below retainer 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 Mesaverde top. PUH to 369'.

8. **Plug #6 (9-5/8" Surface casing, 369' – 269'):** Pressure test the bradenhead to 300#, if able to establish a rate. If the bradenhead annulus tests, then spot 12 sxs cement from 369' to 269' inside the 4-1/2" casing. TOH and LD tubing. If the bradenhead does not test, then perforate the 4-1/2"

casing at 369' and establish circulation to surface. Cement with approximately 130 sxs cement, circulate good cement out bradenhead valve. Shut well in and WOC.

PLUG AND ABANDONMENT PROCEDURE

4/17/01

NE Haynes #9

Otero Gallup

791' FNL, 791' FEL, Section 21, T24N, R5W
Rio Arriba County, New Mexico, API #30-039-08175
Long:_____ / Lat: _____

Continued:

9. **Plug #7 (Surface plug, 50' – Surface):** If the bradenhead annulus tests, then perforate the 4-1/2" casing at 50'. Establish circulation to surface out the bradenhead. Cement with approximately 20 sxs cement, circulate good cement out bradenhead valve. SI and WOC.

10. 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.

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.