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.

DEC 2002
OIL CONS. DIV.
DIST. 3

1. Type of Well ☒ Oil Well ☐ Gas Well ☐ Other	5. Lease Serial No. JIC36
	6. If Indian, Allottee or Tribe Name JICARILLA APACHE
	7. If Unit or CA/Agreement, Name and/or No.
	8. Well Name and No. NE HAYNES 10
2. Name of Operator CONOCO INCORPORATED Contact: DEBORAH MARBERRY E-Mail: deborah.a.marberry@conoco.com	9. API Well No. 30-039-05393-00-S1
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	10. Field and Pool, or Exploratory OTERO
4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)* Sec 21 T24N R5W SWNE	11. 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			
☒ 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 as per the attached procedure. Also attached is a current and proposed wellbore schematic.

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #15058 verified by the BLM Well Information System
For CONOCO INCORPORATED, sent to the Rio Puerco
Committed to AFMSS for processing by Angie Medina-Jones on 10/16/2002 (03AMJ0042SE)

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

Signature (Electronic Submission) — Date 10/14/2002

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By BRIAN W DAVIS — Title DIVISION OF MULTI-RESOURCES — Date 11/29/2002

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 Rio Puerco

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.

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****

PLUG AND ABANDONMENT PROCEDURE

10/10/02

NE Haynes #10
Gallup
1849' FNL and 1849' FEL, Section 21, T24N, R5W
Rio Arriba County, New Mexico, API 30-039-05393

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

1. Install and test rig anchors. Prepare blow pit. Comply with 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.

2. Release latch type seal assembly from Model D packer at 5588' (reports show it was set with 10,000# tension). TOH tallying and visually inspecting tubing. If necessary LD tubing and PU 2-3/8" tubing workstring. If unable to pull seal assembly and the tubing does not leak, then set plug #1 to fill the Dakota perforations. Then run a tubing gauge ring and jet cut the tubing as deep as possible.

3. Round trip scraper or wireline gauge ring to Model D packer at 5588' or as deep as necessary.

4. **Plug #1 (Gallup perforations and top, 5854' – 5500'):** TIH and set a 4-1/2" CR at 5550'. Pressure test tubing to 1000#. Load casing above the CR with water and circulate well clean. Pressure test casing to 800#. If casing does not test, spot or tag subsequent plugs as appropriate. Mix and pump 57 sxs cement, squeeze 47 sxs below CR to fill Dakota perforations and then spot 10 sxs cement above retainer. PUH to 3950'.

5. **Plug #2 (Mesaverde top, 3950' – 3850'):** Mix 12 sxs cement and spot a balanced plug inside the casing to cover the Mesaverde top. PUH to 3278'.

6. **Plug #3 (Chacra perforations and top, 3278' – 3172'):** Mix 12 sxs cement and spot a balanced plug inside the casing to cover the Chacra perforations. PUH to 3065'.

7. **Plug #4 (Pictured Cliffs, Fruitland, Kirtland, and Ojo Alamo tops, 3065' – 2440'):** Mix 52 sxs cement and spot a balanced plug inside the casing to cover through the Ojo Alamo top. TOH.

8. **Plug #5 (Nacimiento top, 1180' – 1080'):** Perforate 3 HSC holes at 1180'. Establish injection rate into squeeze holes. Set a 4-1/2" cement retainer at 1130'. Mix and pump 51 sxs cement, squeeze 39 sxs outside the casing and leave 12 sxs inside. PUH to 367'.

9. **Plug #6 (9-5/8" Casing shoe, 367' - Surface):** Mix approximately 25 sxs cement (circulate until good cement at surface) and spot a balanced plug inside the casing form 367' to surface. TOH.

10. 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.

NE Haynes #10

Current

Basin Dakota / Gallup
1849' FNL, 1849' FEL, Section 21, T-24-N, R-5-W
Rio Arriba County, NM
API #30-039-05393, Lat: N 36° 18' 1.2" and Long: W 107° 21' 46"

Today's Date: **10/10/02**
Spud: 4/23/64
Completed: 5/17/64
Elevation: 6684' GL
6696' KB

13-3/8" hole

9-5/8" 36# Casing set @ 315'
Cmt with 200 sxs (Circulated to Surface)

Squeeze Perforations @ 500'
(200 sxs, cement to surface, 1979)

Nacimiento @ 1130'
(Estimated)

TOC @ 1985'
(Calc, 75%)

Ojo Alamo @ 2490'
(Estimated)

Kirtland @ 2690'
(Estimated)

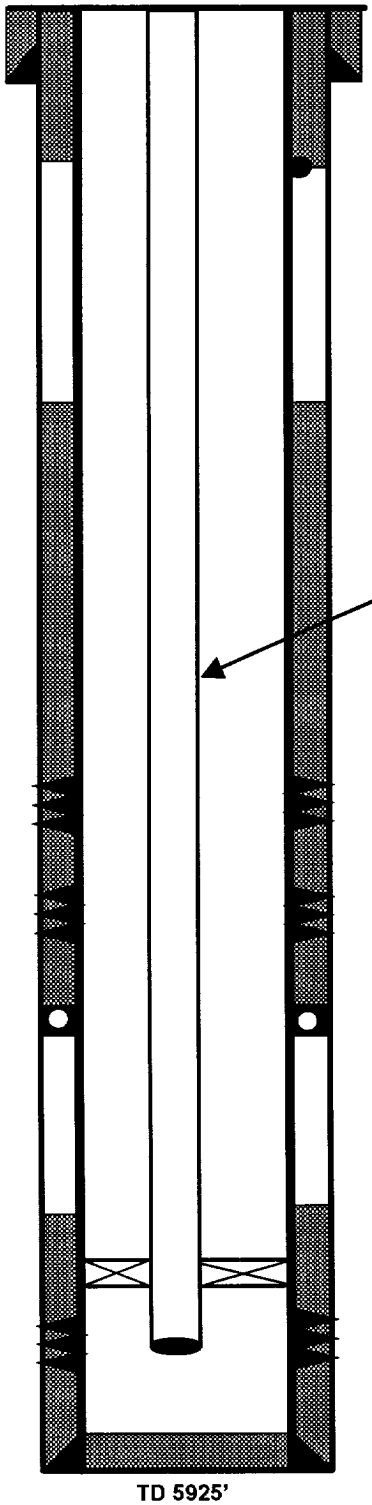
Fruitland @ 2905'
(Estimated)

Pictured Cliffs @ 3015'
(Estimated)

Chacra @ 3222'
(Estimated)

Mesaverde @ 3900'
(Estimated)

Gallup @ 5640'



7-7/8" hole

TD 5925'
PBTD 5889'

Well History:

Jul '64: Pull rods and tubing. Perforate and test Meseverde and Chacra formations. Squeeze both zones with cement, drill out and re-run completion.

Apr '79: Pull tubing. Perforate at 500' and squeeze 200 sxs cement to surface.

2-3/8" Tubing set at 5670'
(Model D at 5588' with latch assembly, 176 joints 2-3/8" above and 3 joints 1-14" tailpipe.)

Chacra Perforations:
3222' – 3228' (squeezed 1964)

Mesaverde Perforations:
4084' – 4622' (squeezed 1964)

DV Tool @ 4818'
Cmt with 735 sxs (864 cf)

TOC @ 5452' (Calc, 75%)

Baker Model "D" Packer @ 5588'

Gallup Perforations:
5676' - 5854'

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

NE Haynes #10

Current

Basin Dakota / Gallup
1849' FNL, 1849' FEL, Section 21, T-24-N, R-5-W
Rio Arriba County, NM
API #30-039-05393, Lat: N 36° 18' 1.2" and Long: W 107° 21' 46"

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6696' KB

13-3/8" hole

9-5/8" 36# Casing set @ 317'
Cmt with 200 sxs (Circulated to Surface)

Squeeze Perforations @ 500'
(200 sxs, cement to surface, 1979)

Nacimiento @ 1130'
(Estimated)

TOC @ 1985'
(Calc, 75%)

Ojo Alamo @ 2490'
(Estimated)

Kirtland @ 2690'
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Fruitland @ 2905'
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Pictured Cliffs @ 3015'
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Mesaverde @ 3900'
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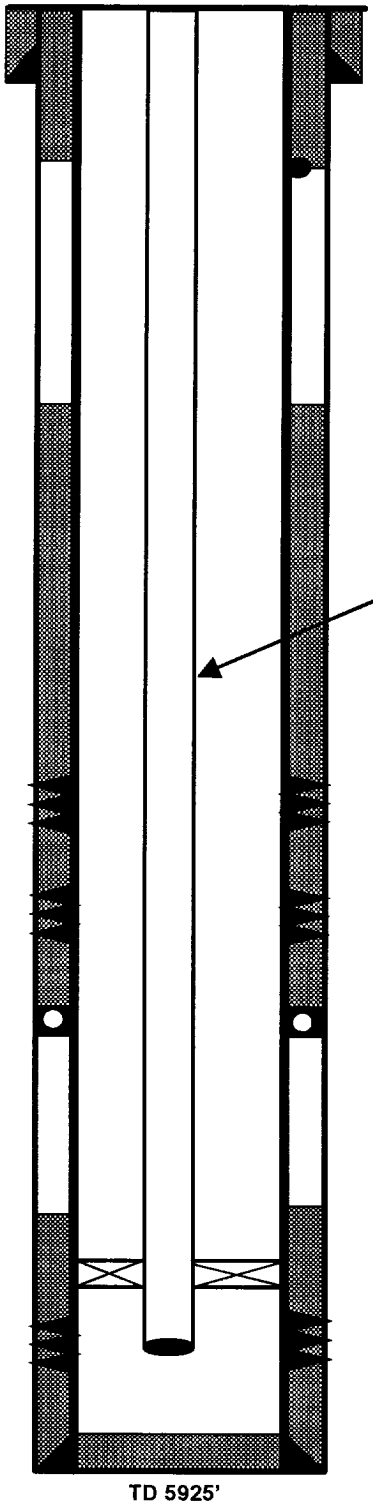

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Gallup Perforations:
5676' - 5854'

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

NE Haynes #10

Proposed P & A

Basin Dakota / Gallup
1849' FNL, 1849' FEL, Section 21, T-24-N, R-5-W
Rio Arriba County, NM
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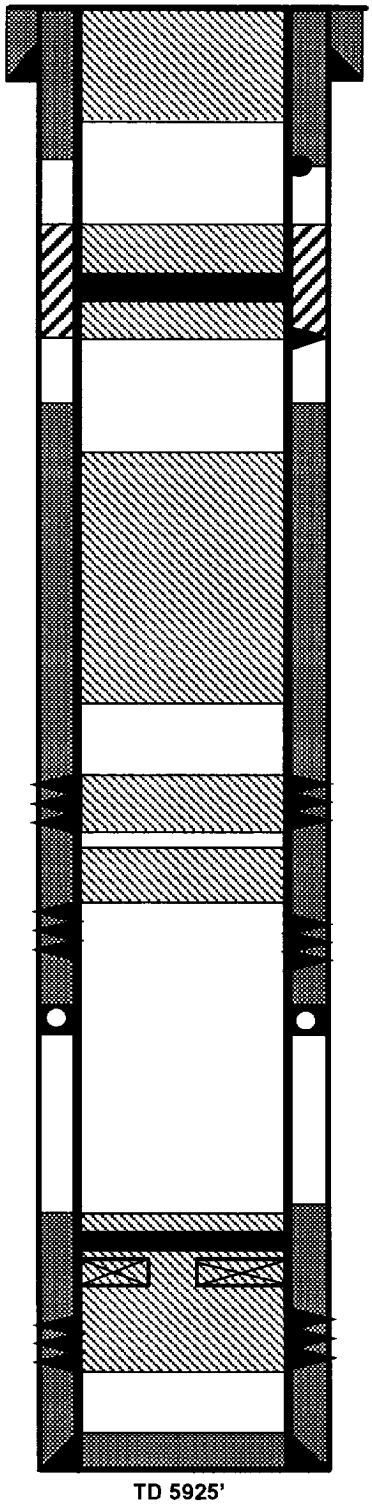

9-5/8" 36# Casing set @ 317'
Cmt with 200 sxs (Circulated to Surface)

Squeeze Perforations @ 500'
(200 sxs, cement to surface, 1979)

Plug #6: 367' -Surface
Cement with 25 sxs

Plug #5: 1180' - 1080'
Cement with 51 sxs,
39 sxs outside casing
and 12 sxs inside.

Cmt Rt at 1130'

Perorate @ 1180'

TOC @ 1985' (Calc, 75%)

Nacimiento @ 1130'
(Estimated)

Ojo Alamo @ 2490'
(Estimated)

Kirtland @ 2690'
(Estimated)

Fruitland @ 2905'
(Estimated)

Pictured Cliffs @ 3015'
(Estimated)

Plug #4: 3065' - 2440'
Cement with 52 sxs

Plug #3: 3278' - 3172'
Cement with 12 sxs

Chacra @ 3222'
(Estimated)

Chacra Perforations:
3222' – 3228' (squeezed 1964)

Plug #2: 3950' - 3850'
Cement with 12 sxs

Mesaverde @ 3900'
(Estimated)

Mesaverde Perforations:
4084' – 4622' (squeezed 1964)

DV Tool @ 4818'
Cmt with 735 sxs (864 cf)

Plug #1: 5854' - 5500'
Cement with 57 sxs,
47 sxs below CR
and 10 sxs above.

Set Cmt Ret @ 5550'

TOC @ 5452' (Calc, 75%)

Gallup @ 5640'

Baker Model "D" Packer @ 5588'

Gallup Perforations:
5676' - 5854'

7-7/8" hole

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

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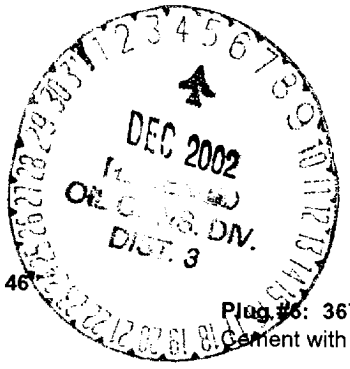

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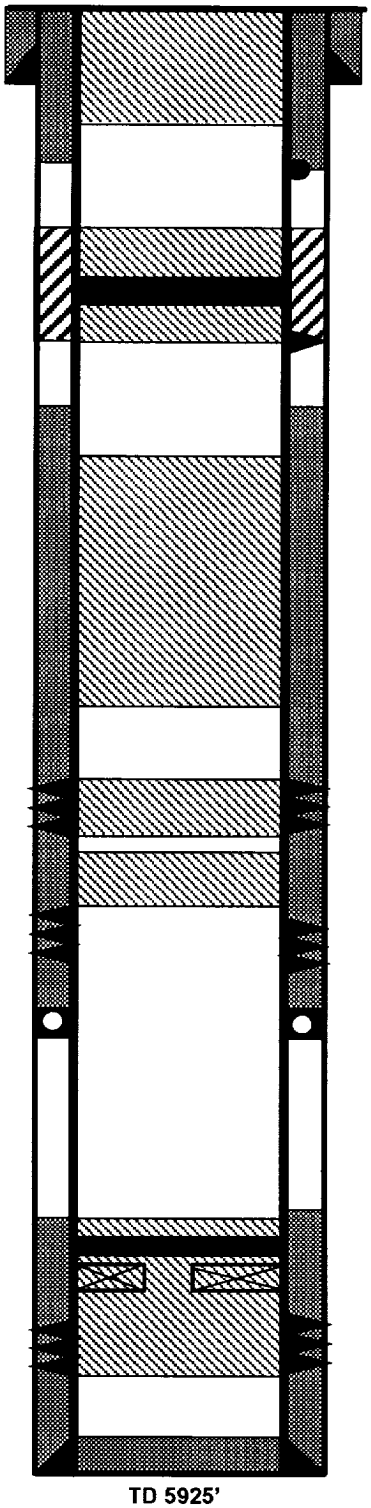

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