

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.

5. Lease Serial No.

NMSF 077974 1158

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

LODEWICK 4

9. API Well No.

30-045-06526

10. Field and Pool, or Exploratory Area

BASIN DAKOTA

11. County or Parish, State

SAN JUAN

NEW MEXICO

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

CONOCOPHILLIPS CO.

3a. Address

P.O. BOX 2197 WL3 6108 HOUSTON TX 77252

3b. Phone No. (include area code)

(832)486-2326

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

1850 NORTH 2300 WEST

UL: F, Sec: 18, T: 27N, R: 9W

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 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 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.)

ConocoPhillips requests approval to plug and abandon this well as per the attached procedure. Also attached are a current and proposed wellbore schematic.



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

Name (Printed/Typed)

DEBORAH MARBERRY

Title

REGULATORY ANALYST

Signature

Deborah Marberry

Date

08/26/2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Original Signed: Stephen Mason

Title

Date

SEP 09 2005

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, makes 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.

(Instructions on reverse)

Lodewick #4 Proposed P&A

Basin Dakota

1850' FNL & 2300' FWL, Section 18, T-27-N, R-9-W, San Juan County, NM

Lat: 36° 34' 37.02" N & Long: 107° 49' 48" / API #30-045-06526

Today's Date: 8/23/05

Spud: 8/8/59

Completed: 8/30/59

Elevation: 8228' GL
8242' KB

13.75" hole

Ojo Alamo @ 1195'

Kirtland @ 1353'

Fruitland @ 1925'

Pictured Cliffs @ 2135'

Chacra @ 3060'

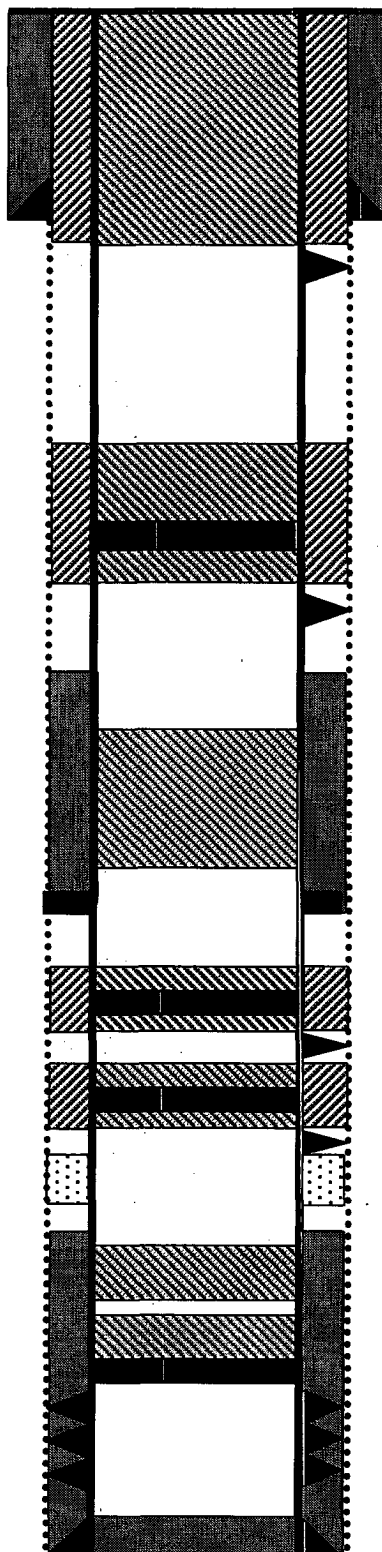
Mesaverde @ 3678'

Holes in casing from 3919'
to 4281', sqz with 200 sxs.
(1967)

Gallup @ 5668'

Dakota @ 6655'

7.875" hole



10.75" 32.75#, H-40 Casing set @ 442'
Cement with 250 sxs (Circulated to Surface)

Plug #7: 492' – 0'
Type III cement, 200 sxs

Perforate @ 492'

Plug #6: 1403' – 1145'
Type III cement, 64 sxs:
32 sxs outside casing and
32 sxs inside.

Cmt Retainer @ 1353'

Perforate @ 1403'

TOC @ 1880' (T.S.)

Plug #5: 2185' – 1875'
Type III cement, 37 sxs

DV Tool set @ 2329'
Cement with 100 sxs

Plug #4: 3110' – 3010'
Type III cement, 42 sxs:
27 sxs outside casing and
15 sxs inside.

Cmt Ret @ 3060'

Perforate @ 3110'

Plug #3: 3728' – 3628'
Type III cement, 42 sxs:
27 sxs outside casing and
15 sxs inside.

Cmt Ret @ 3678'

Perforate @ 3728'

Plug #2: 5718' – 5618'
Type II cement, 17 sxs

TOC @ 5500' (T.S.)

Plug #1: 6605' – 6505'
Type II cement, 17 sxs

Set CR @ 6605'

Dakota Perforations:
6655 – 6728'

5.5" 15.5#, J-55 Casing set @ 6771'
Cement with 300 sxs

TD 6771'
PBTD 6745'

Lodewick #4

Current

Basin Dakota

1850' FNL & 2300' FWL, Section 18, T-27-N, R-9-W, San Juan County, NM

Lat: 36° 34' 37.02" N & Long: 107° 49' 48" / API #30-045-06526

Today's Date: 8/23/05

Spud: 8/8/59

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Elevation: 8228' GL
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13.75" hole

10.75" 32.75#, H-40 Casing set @ 442'
Cement with 250 sxs (Circulated to Surface)

Well History

Mar '67: Run Caliper log and Corrosion log.
Holes in casing from 3919' to 4281'. Squeeze
holes in casing with 200 sxs cement. Pressure
test okay.

Jun '82: ConocoPhillips records report a
double grip packer set at 6594'.

Mar '84: Acidize well. Flush perfs with N2.

Feb '96: RIH w/2" tubing and pull plunger and
bumper spring. Pressure test tubing, OK. Reset
bumper spring at 6578'.

Ojo Alamo @ 1195'

Kirtland @ 1353'

2.375" tubing @ 6618'
(215 joints, 4.7", J-55)

TOC @ 1880' (T.S.)

Fruitland @ 1925'

Pictured Cliffs @ 2135'

DV Tool set @ 2329'
Cement with 100 sxs

Chacra @ 3060'

Mesaverde @ 3678'

Holes in casing from 3919'
to 4281', sqz with 200 sxs.
(1967)

Gallup @ 5668'

TOC @ 5500' (T.S.)

R-3 Packer @ 6594' (1982)

Dakota @ 6655'

Dakota Perforations:
6655 - 6728'

7.875" hole

5.5" 15.5#, J-55 Casing set @ 6771'
Cement with 300 sxs

TD 6771'
PBTD 6745'

PLUG AND ABANDONMENT PROCEDURE

August 23, 2005

Lodewick #4

Basin Dakota

1850' FNL & 2300' FWL, Section 18, T27N, R9W, San Juan County, New Mexico

API 30-045-06526 / Lat: 36° 34' 37.02" N / Long: 107° 49' 48' 48" W

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. Cement will be ASTM Type III, mixed at 14.8 ppg with a 1.32 cf/sx yield.

1. Install and test rig anchors. Prepare blow pit. Comply with all NMOCD, BLM and ConocoPhillips 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. PU on tubing and release R-3 packer set at 6594'. TOH and tally 215 joints 2.375" tubing, 6618' and LD packer. If necessary use a workstring. Note condition of tubing and depth.
3. **Plug #1 (Dakota perforations and top, 6605' - 6505')**: TIH and set 5.5" cement retainer at 6605'. Pressure test tubing to 1000#. Load casing with water and circulate well clean. *Pressure test casing to 800#. If casing does not test, then spot or tag subsequent plug as appropriate.* Mix 17 sxs cement and set a balanced plug to isolate the Dakota perforations. PUH to 5718'.
4. **Plug #2 (Gallup top, 5718' - 5618')**: Mix 17 sxs cement and spot a balanced plug inside casing to cover the Gallup top. TOH with tubing.
5. **Plug #3 (Mesaverde top, 3728' - 3628')**: Perforate 3 squeeze holes at 3728'. Set 5.5" cement retainer at 3678'. Establish rate below CR into squeeze holes. Mix and pump 42 sxs cement, squeeze 27 sxs outside the casing and spot 15 sxs inside casing to cover the MV top. TOH with tubing.
6. **Plug #4 (Chacra top, 3110' - 3010')**: Perforate 3 squeeze holes at 3110'. Set 5.5" cement retainer at 3060'. Establish rate below CR into squeeze holes. Mix and pump 42 sxs cement, squeeze 27 sxs outside the casing and spot 15 sxs inside casing to cover the Chacra top. PUH to 2185'.
7. **Plug #5 (Pictured Cliffs and Fruitland tops, 2185' - 1770' - 1875')**: Mix ~~31~~ sxs cement and spot a balanced plug inside casing to cover the Pictured Cliffs and Fruitland tops. TOH with tubing.
8. **Plug #6 (Kirtland and Ojo Alamo tops, 1403' - 1145')**: Perforate 3 squeeze holes at 1403'. Set 5.5" cement retainer at 1353'. Establish rate below CR into squeeze holes. Mix and pump ~~64~~ sxs cement, squeeze ~~32~~ sxs outside the casing and spot 32 sxs inside casing to cover the Kirtland and Ojo Alamo tops. TOH and LD tubing.
9. **Plug #7 (Surface casing shoe, 492' - Surface)**: Perforate 3 squeeze holes at 492'. Establish circulation to surface out the bradenhead valve. Mix approximately 200 sxs cement and pump down the 5.5" casing to circulate cement to the surface out the bradenhead. Shut in well and WOC.
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.