

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM 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**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMSF077111	
2. Name of Operator CONOCO INC		6. If Indian, Allottee or Tribe Name	
3a. Address PO BOX 2197, DU 3084 HOUSTON, TX 77252-2197		7. If Unit or CA/Agreement, Name and/or No.	
3b. Phone No. (include area code) Ph: 832.486.2326 Fax: 832.486.2717		8. Well Name and No. STORY C 1	
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 34 T28N R9W NWSE 1055FSL 2225FWL 36.61505 N Lat, 107.77242 W Lon		9. API Well No. 30-045-11895-00-S1	
		10. Field and Pool, or Exploratory UNNAMED	
		11. County or Parish, and State SAN JUAN COUNTY, NM	

**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 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.)

Conoco proposes to plug and abandon this well as per the attached procedure. Also attached is a current and proposed wellbore schematic.

14. Thereby certify that the foregoing is true and correct.	
Electronic Submission #16225 verified by the BLM Well Information System For CONOCO INC, sent to the Farmington Committed to AFMSS for processing by Steve Mason on 11/19/2002 (03SXM0121SE)	
Name (Printed/Typed) DEBORAH MARBERRY	Title SUBMITTING CONTACT
Signature (Electronic Submission)	Date 11/19/2002

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By <b>Original Signed: Stephen Mason</b>	Title	Date 12/4/02
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.

**\*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\***

NMOC

# Storey C #1 Current

Basin Dakota  
1515' FSL, 1765' FEL, Section 34, T-28-N, R-9-W  
San Juan County, NM API #30-45-11895  
Lat: N 36° 36'54" / Long: W 107° 46' 20"

Today's Date: 10/28/02  
Spud: 10/16/65  
Completed: 12/16/65  
Elevation: 6375' GL  
6386' KB

12-1/4" hole

Ojo Alamo @ 1250'

Kirtland @ 1460'

Fruitland @ 2060'

Pictured Cliffs @ 2360'

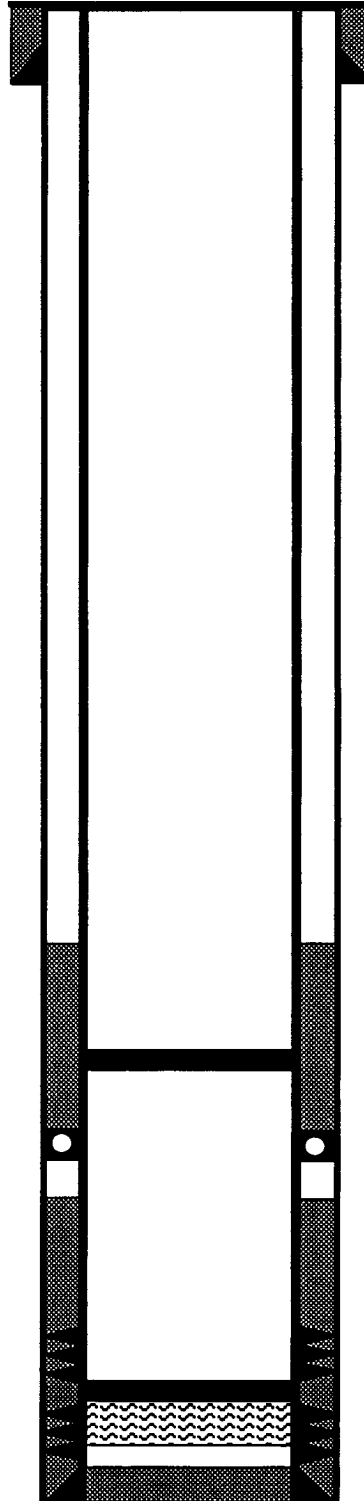
Chacra @ 3200' (Estimated)

Mesaverde @ 3930'

Gallup @ 5830' (Estimated)

Dakota @ 6755'

7-7/8" hole



8-5/8" 24# Csg set @ 275'  
Cmt with 150 sxs (Circulated to Surface)

## Well History:

Nov '82: Pull tbg and set RBP at 6810'  
and rerun tbg.

Nov '83: Pull tbg and RBP. Set CR at  
6820' and squeeze off lower Dakota perms  
with 15 sxs.

Oct '02: Pull tbg and attempt to test 4-  
1/2" csg. Set CIBP at 4900' and isolate  
casing leaks 4199' - 4723'. Elect to P&A  
well.

TOC @ 4205' (Calc, 75%)

Existing CIBP @ 4900' (2002)

DV Tool @ 5020'  
2<sup>nd</sup> Stage: Cmt with 210 sxs (247 cf)  
TOC @ 5650' (Calc, 75%)

Dakota Perforations:  
6726' - 6788'  
6838' - 6965' (Squeezed)

CR @ 6820' (1982)  
15 sxs squeezed below

4-1/2" 9.5&10.5# Casing set @ 7010'  
1<sup>st</sup> Stage: Cmt with 350 sxs ( 413 cf)

TD 7010'  
PBD 4900'

## PLUG AND ABANDONMENT PROCEDURE

10/28/02

### Storey C #1

Basin Dakota

1515' FSL and 1765' FEL, Section 34, T28N, R9W

San Juan County, New Mexico, API 30-045-11895

Lat: N 36° 36' 54" / Long: W 107° 46' 20"

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 NMOC, 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 3-7/8" bit and TIH with 2-3/8" tubing workstring to existing CIBP at 4900'. Load casing with water and circulate well clean. Drill out CIBP at 4900'. Continue to TIH to PBTD of 6820'. TOH and LD 3-7/8" bit.
3. **Plug #1 (Dakota perforations and top, <sup>5</sup>6755' – 6655')**: TIH and set a 4-1/2" cement retainer at <sup>6655'</sup>6755'. Pressure test tubing to 1000#. Load casing with water and circulate well clean. Establish rate into casing leak. Mix 12 sxs cement and spot a balanced plug above the CR to isolate the Dakota perforations. PUH to 5880'. (Upper Dakota Perforations 6726')
4. **Plug #2 (Gallup top, 5880' – 5780')**: Mix 12 sxs cement and spot a balanced plug inside the casing to cover the Gallup top. PUH to 4800' and WOC. Tag cement. TOH with tubing.
5. **Plug #3 (Mesaverde top, <sup>48</sup>3980' – <sup>48</sup>3880')**: Perforate 3 HSC holes at <sup>48</sup>3980'. Establish injection rate into squeeze holes. Set cement retainer at <sup>48</sup>3930'. Mix and pump 51 sxs cement, squeeze 39 sxs outside casing and leave 12 sxs inside. TOH with tubing.
6. **Plug #4 (Chacra top, <sup>3338</sup>3250' – <sup>3238</sup>3150')**: Perforate 3 HSC holes at <sup>3338</sup>3250'. Establish injection rate into squeeze holes. Set cement retainer at <sup>3238</sup>3200'. Mix and pump 51 sxs cement, squeeze 39 sxs outside casing and leave 12 sxs inside. TOH with tubing.
7. **Plug #5 (Pictured Cliffs and Fruitland tops, 2410' – 2010')**: Perforate 3 HSC holes at 2410'. Set cement retainer at 2360'. Mix and pump 190 sxs cement, squeeze 155 sxs outside casing and leave 35 sxs inside. TOH with tubing.
8. **Plug #6 (Kirtland and Ojo Alamo tops, <sup>39</sup>1510' – <sup>98</sup>1200')**: Perforate 3 HSC holes at <sup>39</sup>1510'. Set cement retainer at <sup>98</sup>1460'. Mix and pump 148 sxs cement, squeeze 120 sxs outside casing and leave 28 sxs inside. TOH and LD tubing.
9. **Plug #7 (8-5/8" Casing shoe, 325' - Surface)**: Perforate 3 HSC holes at 325'. Establish circulation out bradenhead valve with water. Mix and pump approximately 100 sxs cement down 4-1/2" casing, circulate good cement to surface. Shut in well and WOC.
10. ND BOP and cut off wellhead below surface. Install P&A marker with cement to comply with regulations. RD, MOL and cut off anchors. Restore location per BLM stipulations.

# Storey C #1

Proposed P & A

Basin Dakota

1515' FSL, 1765' FEL, Section 34, T-28-N, R-9-W

San Juan County, NM API #30-45-11895

Lat: N 36° 36' 54" / Long: W 107° 46' 20"

Today's Date: 10/28/02

Spud: 10/16/65

Completed: 12/16/65

Elevation: 6375' GL  
6386' KB

*Macmiano 195'*

Ojo Alamo @ 1250'  
1348

Kirtland @ 1460'  
89

Fruitland @ 2060'  
80

Pictured Cliffs @ 2360'  
58

Chacra @ 3200' (Estimated)  
88

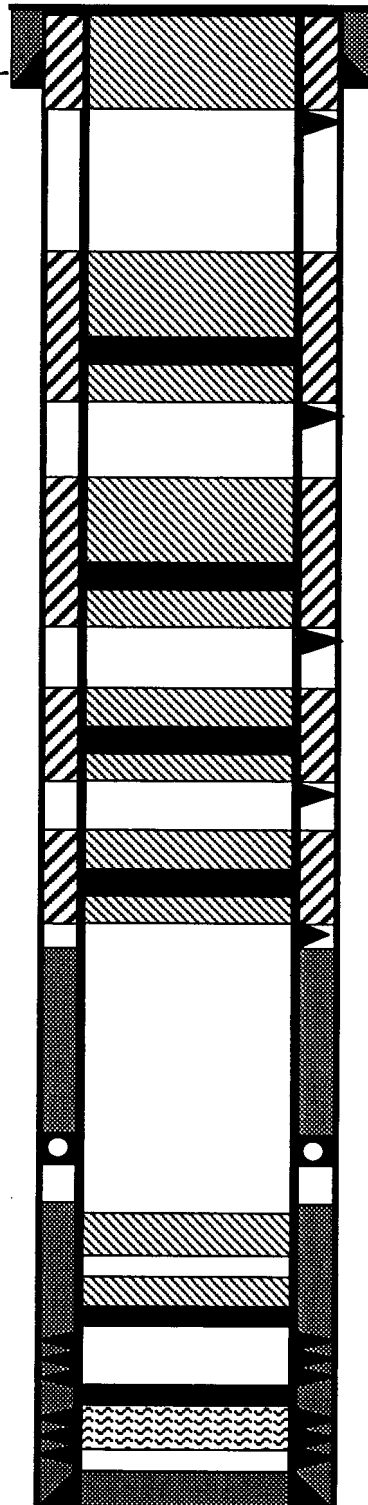
Mesaverde @ 3930'  
3898

Gallup @ 5830' (Estimated)  
13

Dakota @ 6755'  
6688

12-1/4" hole

7-7/8" hole



TD 7010'  
PBSD 4900'

8-5/8" 24# Csg set @ 275'  
Cmt with 150 sxs (Circulated to Surface)

Perforate @ 325'

Plug #7: 325' - Surface  
Cmt with approx 100 sxs

Cement Rt @ 1460'  
Perforate @ 1510'

*1538 1298 241*  
Plug #6: 1510' - 1260'  
Cement with 148 sxs,  
120 sxs outside casing  
and 28 sxs inside.  
 $28(10.96) \cdot 1.18 = 362'$   
 $120(4.3899) \cdot 1.18 = 621'$

Cement Rt @ 2360'  
Perforate @ 2410'

*3338 3238 400*  
Plug #5: 2410' - 2010'  
Cement with 190 sxs,  
155 sxs outside casing  
and 35 sxs inside.  
 $155(4.3899) \cdot 1.18 = 803'$   
 $35(10.96) \cdot 1.18 = 453'$

Cement Rt @ 3200'  
Perforate @ 3250'

*3338 3238*  
Plug #4: 3250' - 3150'  
Cement with 51 sxs,  
39 sxs outside casing  
and 12 sxs inside.

Cement Rt @ 3930'  
Perforate @ 3980'

*48 48*  
Plug #3: 3980' - 3880'  
Cement with 51 sxs,  
39 sxs outside casing  
and 12 sxs inside.

TOC @ 4205'  
(Calc, 75%)

$39(4.3899) \cdot 1.18 = 202'$

Plug #2: 5880' - 5780'  
Cement with 12 sxs

DV Tool @ 5020'  
2nd Stage: Cmt with 210 sxs (247 cf)

TOC @ 5650' (Calc, 75%)

Set Cmt Rt @ 6755' 6655'

Dakota Perforations:

6726' - 6788'

6838' - 6965' (Squeezed)

*6655 6555*  
Plug #1: 6755' - 6655'  
Cmt with 12 sxs above  
CR.

$12(10.96) \cdot 1.18 = 155'$

CR @ 6820' (1982)  
15 sxs squeezed below

4-1/2" 9.5&10.5# Casing set @ 7010'  
1st Stage: Cmt with 350 sxs (413 cf)