Form 3 160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 3 1 ,1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICA TE

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APR 2 2 1999
OIL CON. DIV.
DIST. 3

5. Lease Designation and Serial No.
SF 078417

6. If Indian, Allonee or Tribe Name

7. If Unit or CA, Agreement Designation

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

8. Well Name and No.
San Juan 28-7 Unit # 246

2. Name of Operator
CONOCO INC.

9. API Well No.
30-039-21649

3. Address and Telephone No.
10 DESTA DR. STE. 100W, MIDLAND, TX. 79705-4500 (915) 686-5424

10. Field and Pool, or Exploratory Area
Blanco Mesaverde

4. Location of Well (Footage, Sec., T. R. M. or Survey Description)
Section 7. T-28-N, R-7-W, P
1150' FSL & 245' FEL

11. County or Parish, State
Rio Arriba, NM

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
☒ Notice of Intent	☐ Abandonment	☐ Change of Plans
☐ Subsequent Repon	☒ Recompletion	☐ New Construction
☐ Final Abandonment Notice	☐ Plugging Back	☐ Non-Routine Fracrunng
	☐ Casing Repair	☐ Water Shut-Off
	☐ Altering Casing	☒ Conversion to Injection
	☐ Other _____	☐ Dispose Water

(Note: Reponresultsof multiplecompitiononWdl Completion or Recompletion Report and Log form.)

13. Describe Proposed or Compieted Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionaily drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

It is proposed to recomplete this well to the Mesaverde using the attached procedure.

14. I hereby certify that the foregoing is true and correct
Signed Kay Maddox Title Regulatory Agent Date 4/13/99

(This space for Federal or State office use)
Approved by /S/ Duane W. Spencer Title Team Lead, Petroleum Management Date APR 20 1999
Conditions of approval if any:

BLM(6), NMOCD(1), SHEAR, PONCA, COST ASST, FILE ROOM

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.

HOLD C104 FOR Plat & NSL *See Instruction on Reverse Side
NMOCD

San Juan 28-7 Unit # 246
Mesaverde Recompletion & DHC
API # 30-039-21649

February 16, 1999

Summary of Work Recommended

- Isolate DK zone from MV
- Perf & Stimulate MV Intervals (expect 3 stage frac)
- Remove Isolation Plugs
- Return well to Production as MV/DK DHC

Well Data:

AFE # **51-61-8970** **Downhole Commingle:** **DHC-????**

Location: 1150' FSL & 245' FEL, Sec. 7, T28N-R7W
Rio Arriba County, New Mexico

Elevations:
KB: 6863'
GL: 6852'
PBTD: 8020'
TD: 8037'

Casing: **9 5/8", 36 #/ft, H-40, 5 jts set @ 215'**
1 stage: 224 cu ft 190 sxs. TOC @ Surface (circ)

7", 20 #/ft, K-55, 92 jts set @ 3836'
1 stage 280 cu ft 150 sxs TOC @ 2500' (TS)

4-1/2", 10.5 & 11.6 #/ft, J-55, 204 jts set @ 7810'
10.5 #/ft 176 jts from 0' to 6,481'
11.6 #/ft 42 jts from 6,481' to 8,037'

1 stage: 654 cu ft/255 sxs TOC @ 3500' (TS)

Size	Wt	Drift	Capacity	Burst
9 5/8"	36	10.0036"	13.05 ft/bbl	1820 psi
7"	20	6.331"	24.70 ft/bbl	3740 psi
4 ½"	11.6	3.875"	1.532 ft/bbl	5350 psi
4 ½"	10.5	3.927"	1.493 ft/bbl	4790 psi
1.9"	2.9	1.516"	297 ft/bbl	7350 psi

Tubing: **1.9" 2.9 #/ft, J-55, 247 jts @ 7958'**

Perforations: DK: (7788'- 7984') 9 holes
7788', 95',
7802', 67',
7906', 33', 50', 55', & 84'

San Juan 28-7 Unit # 246
Mesaverde Recompletion & DHC
API # 30-039-21649

1. **Hold tailgate safety meetings prior to rigging up, each morning, and whenever necessary.**

2. Test Anchors, MIRU Workover Unit. If necessary, kill well with a minimum of 1 % KCl. NU BOP. POOH & LD 1.9" production string.

3. RU Wireline unit and RIH w/ 4 ½" Fas-Drill Bridge Plug. Set plug @ +/- 6000'. Test plug to 4000 psi.

1st Stage

4. Perforate the Lower MV (Point Lookout) across the following intervals using a 3 1/8" Select Fire gun w/ 11 gm charges. Run GR strip & Correlate to attached log:

   5715', 17', 25', 27', 29', 35', 37', 45', 47', 51', 54', 57', 60', 65', 67', 81', 83', 87', 89', & 91'
   5813', 15', 17', 61', 63', 71', & 73'.

   (Total 27 holes)

5. RU Acidizing equipment. Test lines to 4000 psi Break down perfs using 500 gallons 15% HCl and 50% excess 1.1 sg balls (40) spaced equally throughout the job. Run as high a rate as possible without exceeding max pressure. **DO NOT EXCEED 4000 psi**

6. Retrieve balls and check for hits. If # hits less than 80% (22), re-acidize using the above procedure. Prep to frac.

7. Frac per attached procedure. Leave frac equipment on location. RIH and set w/ Fast-drill plug above Point Lookout. Set Plug @ +/- 5650'. Test plug to 4000 psi.

2nd Stage

8. Perforate the Menefee across the following intervals using a 3 1/8" Select Fire gun w/ 11 gm charges. Run GR strip & Correlate to attached log:

   5388', 91', 94', 97',
   5432', 35', 38',
   5504', 07', 10', 13', 16', 22', 25', 28', 31', 34', 66', 69', 71', 75', & 77'.

   Total 22 shots

9. RU Acidizing equipment. Test lines to 4000 psi Break down perfs using 500 gallons 15% HCl and 50% excess 1.1 sg balls (33) spaced equally throughout the job. Run as high a rate as possible without exceeding max pressure. **DO NOT EXCEED 4000 psi**

10. Retrieve balls and check for hits. If # hits less than 80% (18), re-acidize using the above procedure. Prep to frac.

11. Frac per attached procedure. Leave frac equipment on location. RIH and set w/ Fast-drill plug above Menefee. Set Plug @ +/- 5350'. Test plug to 4000 psi.

3rd Stage

12. Perforate the Cliffhouse across the following intervals using a 3 1/8" Select Fire gun w/ 11 gm charges. Run GR strip & Correlate to attached log:

    5137', 39', 42', 44', 47', 49', 56', 58', 82', 87', 89', 96',
    5202', 04', 08', 15', 18', 21', 37', 39', 53', 55', 61', 63', 68', 73', 75', 79', 84', 88', 97', & 99'.

    Total 32 shots

13. RU Acidizing equipment. Test lines to 4000 psi Break down perfs using 500 gallons 15% HCl and 50% excess 1.1 sg balls (48) spaced equally throughout the job. Run as high a rate as possible without exceeding max pressure. **DO NOT EXCEED 4000 psi**

14. Retrieve balls and check for hits. If # hits less than 80% (26), re-acidize using the above procedure. Prep to frac.

15. Frac per attached procedure. Clean Location & release frac equipment.

16. Rig up compressors and power swivel. PU 2 3/8' tbg & RIH w/ bit & collars on tbg. CO & DO Mesaverde bridge plugs to 6000'. Jet well w/ gas until well will flow on its own. Drywatch as necessary.

17. Test Mesaverde and obtain a stabilized flow rate for allocation purposes.

18. RU compressors and drill out bridge plug @ 6000' w/ gas. Clean out well to PBTD (8020'). Jet well w/ gas until well will flow on its own. Drywatch as necessary.

19. POOH w/ tbg , collars & bit. Remove Drill assembly & MU SN & downhole production assembly.

19. RIH w/ 2 3/8" production string. Land SN at +/- 7800'. ND BOP and NU wellhead.

16. Record and notify necessary personnel for regulatory and gas allocation purposes.

17. RDMO workover unit and clean location.

18. Place well on production as a Mesaverde/Dakota DHC.

19. Thank You.

Prepared By: _____

Randy B. Herring,
Sr. Production Engineer