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June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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070 FARMINGTON, NM

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 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 TRIPLICATE

5. Lease Designation and Serial No.
D290-28

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation
8910004590

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

8. Well Name and No.
San Juan 28-7 #102

2. Name of Operator
Conoco Inc

9. API Well No.
30-039-07162

3. Address and Telephone No.
P.O. Box 2197 DU-3066 Houston, TX 77252-2197 (281) 293-1005

10. Field and Pool, or Exploratory Area
Blanco Mesaverde/Blanco S

4. Location of Well (Footage, Sec., T. R. M. or Survey Description)
Sec. 2, T-27N, R-7W N
990' FSL & 1790' FWL

11. County or Parish, State
Rio Arriba County, NM

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 Report	☐ Recompletion	☐ New Construction
☐ Final Abandonment Notice	☐ Plugging Back	☐ Non-Routine Fracturing
	☐ Casing Repair	☐ Water Shut-Off
	☐ Altering Casing	☐ Conversion to Injection
	☐ Other Pay add	☐ Dispose Water

Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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

Conoco, Inc. proposed to add pay prior to the DHC as per attached procedure.

NOV - 1 1999
OIL CON. DIV.
DIST. 3

14. I hereby certify that the foregoing is true and correct
Signed Deborah Moore Title Regulatory Analyst 281 293-1005 Date 10/13/99

ACCEPTED FOR RECORD
OCT 26 1999
FARMINGTON FIELD OFFICE
BY

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
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.

*See Instruction on Reverse Side

NMOCD

San Juan 28-7 Unit, Well # 102
Mesaverde Menefee Pay Add & DHC MV/PC
August 22, 1999
AFE#_____

Well Data

API# 30-039-0716200

Location: T-27N, R-7W, Sec-2, 990' FSL, 1790' FWL.

Spud Date - 9/59 TD - 5608' PBTD – 5567 '

Surface casing: 10.75", 32.75#,. set @ 174', 100 sx, cmt circ to surface.

Intermediate Casing: 7.625", 26.4#, J-55 set @ 3553', 115 sx

Production Liner:5.5" OD, 4.95" ID, 15.5#, J-55, 56 jts., 2306', set from 3301'-5607'; FC @ 5567', 320 sx.

Tubing size: 2.375" OD, 1.9961" ID, 4.7#, 183 joints landed at @ 5474' with SN @ 5438', perf nipple @ 5439', and GUIBERSON "AG" pkr @ 4756'
For PC, 1 ¼", 2.4# EUE tbg, 101 jts, set @ 3223'; SN @ 3189'; Perf nipple @ 3190'..

Perforations : Mesavede Cliff House perforations @ 4916'-24'; 4880'-98'; 4848'-54', w/2 SPF –30M# frac stim
Mesaverde Point Lookout perforations @5508'-18'; 5472'-80'; 5444'-60';5426'-34', w/2 SPF—50M#
PC perforations @ 3170'-3182'; 3190'-3208' (2 SPF) – 35,000# frac stim; 10/20 sand

Proposed Perfs:
The recommended Mesaverde Menefee perforated intervals are:

4968' - 4983'
5030' – 5043'
5054' - 5068'
5088' – 5095'
5120' – 5130'
5206' – 5215'
5272' – 5287'
5292' – 5320'

Completion details and well history contained in Wellview files and schematics

NOTES:

No records or copies of cased hole logs in file (only cased hole logs run were temp logs).
Note Guiberson permanent packer in well (dual completion). Will need to mill-out using packer-plucker (similar tool as used for Model D's). The AD model is 32" OA length, with no tailpipe assembly. ID of 2.812". For further details, contact John w/ Halliburton @ 505-324-3115.

Procedure

1) Move in workover rig, hold safety meeting, note prevailing wind direction at location, designate muster point, review procedure, identify potential hazards, isolate lines and facilities, blow down lines, lock out tag out, spot equipment, rig up, WORK SAFELY! Also, review all procedure w/ major contractor reps, and cost/time goals. MAKING COST TARGETS IMPERATIVE!! If problem or oversight in cost estimate seen, notify Craig Moody.

2) Kill ZONE BY PUMPING DOWN tubing strings with minimum amount of KCl water. POOH w/ short string. On long string, set down & pull point over, attempting to jar rust/debris. Attempt straight pull for releasing tbg (may be straight seal assembly). If unsuccessful, go through procedure for "latch-type" packer, making 10 – 12 turns to right, then pull point over. both strings of tubing and lay-down. When tbg free, POOH, and RIH w/ packer-plucker/mill arrangement (ensure plucker length greater than 32"),and mill packer/slips. Retrieve.

3) PU 2 7/8" frac string and make bit and scraper run for 5 ½" liner to PBTD. POOH and set RBP @ 5350' in 5 ½". (NOTE: No GR/Collar log was found in Houston wellfile. If unavailable, run prior to setting plug a GR/collar log from 5400' up for minimum interval prior or TOL). Pressure test plug to 3000# (via setting packer just above plug, @ approx 5300'). POOH.

4) RU wireline and lubricator and perforate Menefee at following intervals (**1shot per 3 feet**) w/ 3 1/8" cased hole gun:

4968' - 4983'
5030' – 5043'
5054' - 5068'
5088' – 5095'
5120' – 5130'
5206' – 5215'
5272' – 5287'
5292' – 5320'. 42 total perfs.

Exact perfs: 4968', 71', 74', 77', 81', 5030', 33', 36', 39', 42'
5054', 57', 60', 63', 66', 5088', 91', 94', 5120', 23', 26', 29'
5206', 09', 12', 15', 5272', 75', 78', 81', 84', 87'
5292', 95', 98', 5301', 04', 07', 10', 13', 16', 19'

Rig down wireline.

Note: Limited entry with ball off break down and stimulation.

4) Pick up 2.875" tubing frac string and RIH with 5.5" treating packer. RU BJ and spot/break-down by balling-off menefee perfs, as per BJ procedure (**set packer at 4940' for injection).**

5) Release packer and RIH knock off balls and pull back up and **set packer @ 4940'**. Note: monitor backside carefully during frac, to see if any break-through occurs. REMEMBER THAT 2 SETS OF OPEN PERFS ON BACKSIDE.

6) Pressure test equipment to 5000#, and proceed to sand **frac** as per svc company procedure . Pump at maximum rate allowable @ maximum safe pressure. Have choke manifold for immediate flowback.

7) Flow back immediately and clean up if possible, or until it dies.

8) Release packer, POOH packer and 2.875" frac string laying down.

9) RIH with RBP retrieving tool on 2.375" tubing string, pull RBP @ 5350' and POOH.

10) RIH with 2.375" mule shoe and SN on bottom, and 2.375", 4.7#, J-55, EUE production tubing, clean out to PBTD ; blow well dry and land tubing @ 5270' + or – a joint. Drop rabbit to check for tight spots, be careful not to over torque. Run drift with sand line before rigging down. Perform commingled test, and using subtraction method, determine new MV production rate, and submit MV test to Marc Shannon and Trigon for DHC application.

11) RD BOP's, RU tree, swab in if necessary, rig down move off. Upon obtaining regulatory approval, put well on production (notifying operator to put on plunger lift production, if necessary). If production rate from MV high enough and no plgr required, may be able to produce up both casing and tbg, with tbg/casing controller.

San Juan East Team (DRW/CM)

Cc: Central Records, Linda Farmington Project Leads.