

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

CONOCO, INC.

3. Address and Telephone No.

P.O. Box 2197 DU 3066 Houston, TX 77252-2197 (281) 353-0792

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

E, SEC.28 T28N, R9W
1605' FNL & 1085' FWL

5. Lease Designation and Serial No.

SF 077107
6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

MICHENER #1

9. API Well No.

30-045-11679

10. Field and Pool, or Exploratory Area

71599 / 72319

11. County or Parish, State

SAN JUAN, NM

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

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other _____
- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ 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 PLANS TO INSTALL A PUMPING UNIT AND SQUEEZE CASING USING THE ATTACHED PROCEDURE.



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

Signed Deborah J. Moore

Title Regulatory Analyst

Date 2/4/00

(This space for Federal or State office use)

Approved by /s/ Charlie Beecham

Title _____

Date MAR 2 2000

Conditions of approval, if any:

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

MICHENER 1
INSTALL PUMPING UNIT AND SQUEEZE CASING
February 1, 2000(PROCEDURE REVISED FOR SQUEEZE)
API 30-045-11679
AFE#2536

WELL INFORMATION:

Current Status: Producing Dakota/Mesaverde (DHC)

Last Action To Well: Complete MV and DHC 7/98

Location: 1605' FSL & 1085' FWL, Sec. 28-T28N, R9W, San Juan County, NM

TD: 6,850'

PBTD: 6,770' Cement plug

GLE: 6,004'

KBE: 6,015'

TOC 3,600' CBL run 7-27-98

Packer 4-1/2" Halliburton PLS Pkr set @4156' 9-3-98

Casing Specifications:

Pipe	Depth (ft)	Drift ID (inches)	Collapse 80% (psi)	Burst 80% (psi)	Capacity (bbl/ft)
7.0",20.0#,K-55	277	6.331	1816	2992	.0404
4-1/2",10.5#,J-55	6850	3.927	3208	3232	.0159

Tubing Specifications:

Pipe	Depth (ft)	Drift ID (inches)	Collapse 80% (psi)	Burst 80% (psi)	Capacity (bbl/ft)
2-3/8" ,4.7#,J-55	6471	1.901	6480	6160	.00387

RESERVOIR INFORMATION:

Current Perforations: 6584'-6747', 4486'-4774',4236'-4420'

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PROCEDURE

1. Move in workover rig, 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. Hold Safety Meeting. RU workover rig. WORK SAFELY!
2. Bleed off any pressure. Kill well with minimal amount of 1% KCL if needed. **Note amount of water on report.** ND tree and NU BOP's. Release Halliburton PLS pkr set @ 4156'. (One-quarter turn of tubing releases pkr, verify with packer company) and POOH with pkr and 2-3/8" tbg and stand back(Tally out) LD pkr. **NOTE: LOOK FOR SCALE ON TBG AND ANY BAD JTS. NOTIFY BLM AND OR STATE 24 HRS BEFORE SQUEEZING.**
3. RIH w/ 2-3/8" tbg and scraper to 6520'. POOH.
4. RIH RBP under multi-set packer for 4.5" casing, set RBP @ 6500', test RBP to 1000 psi, pull up to 4810' (DV tool @ 4800'), set packer and test casing to 1,000 psi. Call Houston engineers if leaks discovered, continue if OK.
5. Pick up RBP and set at 4190', test RBP to 1,000 psi. Pull packer up hole and isolate leaks to verify same depths and no additional holes. Test casing to 1,000 psi. **Previous leaks isolated @ 3657'- 3874'.** After noting where all leaks are, POOH with pkr and retrievable bridge plug.
6. RIH with wireline and set a drillable bridge plug not farther than 30' below bottom hole. Dump sand on top of bridge plug to fill up to bottom leak.
7. RIH work string and set cement retainer as close as possible to top leak, squeeze per BJ procedure. If squeeze does not pressure up consider over displacing, un-sting and circulate, order more cement and re-squeeze until it holds pressure. Un-sting circulate clean, POOH work string.
8. RIH with bit and drill collars and drill out cement to top of sand, verify by tagging the sand. **NOTE: IF SOFT CEMENT IS ENCOUNTERED CALL HOUSTON ENGINEERS BEFORE DRILLING AHEAD.** POOH tubing, collars, and bit.

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9. RIH with multi-set packer on work string, pressure test squeeze interval to 1000 psi. If test holds, drill and cleanout to PBTD (6770'). POOH. If test fails call Houston Engineers and prepare to re-squeeze. After successful test continue.
10. Drift and rabbit tbg while RIH with the following design. **DO NOT CRIMP TUBING. DO NOT OVER TORQUE.** (If there are questions about the pump design call Harlan Robertson(Midland) 644- 5538) I recommend calling Lufkin and let their design department run the design as well. 6689' of 2- 3/8" J-55 tubing, 4.5" x 2-3/8" tubing anchor set @ 4150' and API seat nipple @ 6689'. On the btm of the tbg there will be a 2- 3/8" x 2-3/8" x 28' slotted-orange- peeled mud anchor (poor boy design) with at least 4 slots measuring 1/2" x 8" each.
11. RIH with the rods and pump using the attached design.
12. ND BOP's and NU tree. Set pumping unit (will be run by propane) and return well to production. Design is for 50-100 BWPD and 200 mcfpd.

Marc Durkee – West Team

Cc: Central Records, Three Copies to Project Leads (Farmington)