

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
BLM

FORM APPROVED
Budget Bureau No. 1004-0135
Expires March 31, 1993

5. Lease Designation and Serial No.

SF 078500 A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

San Juan 28-7 Unit # 249 M

9. API Well No.

N/A

10. Field and Pool, or Exploratory Area

Blanco Mesaverde/Basin Dakota

11. County or Parish, State

Rio Arriba, NM

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.

10 DESTA DR. STE. 100W, MIDLAND, TX. 79705-4500 (915) 686-5424

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

Section 30, T-28-N, R-7-W, O

855' FSL & 2365' FEL

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 Sidetrack
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion 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.)

Due to drilling/casing problems this well is being sidetracked using the attached procedure. The directional sidetrack proposal is also attached.

RECEIVED
NOV - 9 1998
OIL CON. DIV.
DIST. 3

ACCEPTED

RECORD

OCT 26 1998

FARMINGTON DISTRICT OFFICE

[Signature]

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

Signed

Kay Maddox

Title

Kay Maddox

Regulatory Agent

Date

September, 4, 1998

(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

We are currently sidetracking the subject well. The following is the sequence of event which led up to this, and the plan of action.

Drilled well to TD - well dusted to bottom.

While running production casing at TD (6968'), casing became stuck at 6400'. Worked casing free and pulled out of hole.

Trip in hole to clean out. Fluid level at 4200'. Pull out to shoe and attempted to load hole with fluid with no success.

Trip in and break circulation with aerated mud. Clean out hole to 6320'. Pipe stuck. Worked free and tripped to check bit and pick up drilling jars.

Clean out hole to TD with aerated mud. Round trip to check hole. Stuck pipe at 6875'. Worked free and tripped out.

Run in hole with open ended drill pipe to set a cement plug. Unable to get past 6570'. Attempt to set cement plug from 6570' back to 5570' in an attempt to shut off water and stabilize hole. Pumped 236 sxs of Class B cement with 0.10% D800 Retarder and 0.10% D65 Dispersant. Tripped for bit.

Tripped in to 6216' - no cement plug. Trip for open ended drill pipe.

Attempt to set second cement plug from 6260' back to 5260'. Unable to pull drill pipe out of hole. Pipe stuck in cement.

Back off pipe at 4758'.

Attempt to set cement kick off plug from 4745' back to 4245'. Unable to pull drill pipe out of hole. Pipe stuck in cement.

Back off pipe at 3942'.

Set kick off plug from 3942' to 3442'. WOC and dress plug off to 3598'. Trip for directional tools.

Directionally drill hole to a TVD of 6885'. to a bottom hole location approximately 100' due east from the surface location.

We are currently directionally drilling the sidetrack hole.

Conoco, Inc.

**New Mexico
San Juan County
Sec 28 - *****
San Juan 28-7 249MT - Original Proposal**

PROPOSAL REPORT

2 September, 1998

sperry-sun
DRILLING SERVICES
A DIVISION OF AMERSON INTERNATIONAL, INC.

Proposal Ref: pro3128

Sperry-Sun Drilling Services

Proposal Report for San Juan 28-7 249MT - Original Proposal



Conoco, Inc.
New Mexico

San Juan County
Sec 28 - *****

Measured Depth (ft)	Incl.	Azim.	Vertical Depth (ft)	Northings (ft)	Eastings (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)
3550.00	0.000	0.000	3550.00	0.00 N	0.00 E	0.00	
3850.00	15.000	90.000	3846.58	0.00 N	39.05 E	39.05	5.000
3940.00	15.000	90.000	3933.52	0.00 N	62.34 E	62.34	0.000
4200.00	2.000	90.000	4190.11	0.00 N	100.69 E	100.69	5.000
4250.00	0.000	0.000	4240.10	0.00 N	101.56 E	101.56	4.000
6894.90	0.000	0.000	6885.00	0.00 N	101.56 E	101.56	0.000

All data is in feet unless otherwise stated. Directions and coordinates are relative to True North.
Vertical depths are relative to Structure. Northings and Eastings are relative to Structure.

The Dogleg Severity is in Degrees per 100ft.

Vertical Section is from Well and calculated along an Azimuth of 90.000° (True).

Based upon Minimum Curvature type calculations, at a Measured Depth of 6894.90ft.,
The Bottom Hole Displacement is 101.56ft., in the Direction of 90.000° (True).

Comments

Measured Depth (ft)	Station Coordinates TVD (ft)	Northings (ft)	Eastings (ft)	Comment
3550.00	3550.00	0.00 N	0.00 E	Estimated (Planned) KOP off cement plug
3850.00	3846.58	0.00 N	39.05 E	End of Build
3895.00	3890.05	0.00 N	50.69 E	Hold Angle at 15.000°
3940.00	3933.52	0.00 N	62.34 E	Start Drop at 3940.00ft
4070.00	4060.73	0.00 N	88.80 E	Drop Rate = 5.000°/100ft
4200.00	4190.11	0.00 N	100.69 E	Drop to Vertical at 4200.00ft
4225.00	4215.10	0.00 N	101.34 E	Drop Rate = 4.000°/100ft
4250.00	4240.10	0.00 N	101.56 E	End of Drop at 4250.00ft
5572.45	5562.55	0.00 N	101.56 E	Hold Angle at 0.000°
6894.90	6885.00	0.00 N	101.56 E	Total Depth at 6894.90ft

Targets associated with this wellpath

Target Name	Target Entry Coordinates TVD (ft)	Northings (ft)	Eastings (ft)	Target Shape	Target Type
TD Target	6885.00	0.00 N	90.00 E	Point	

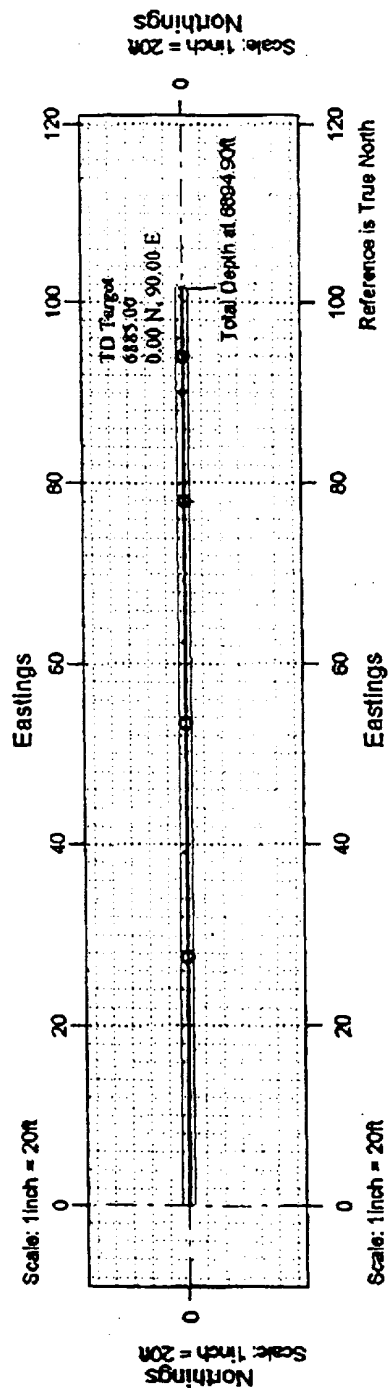
**New Mexico
San Juan County
Sec 28 - *****
San Juan 28-7 2499**

Conoco, Inc.

DrillQuest

Proposal Data for Original Proposal

Vertical Origin : Horizontal Origin : Measurement Units : North Reference :	Structure Structure ft True North	Doplog severity : Degrees per 100ft Vertical Section Azimuth : 90.000° Vertical Section Description: Well Vertical Section Origin : 0.00 N,0.00 E					
Measured Depth	Incl.	Azim.	Vertical Depth	Northings	Eastings	Vertical Section	Doplog Rate
3350.00	0.000	359.178	3550.00	0.00 N	0.00 E	0.00	
3850.00	15.000	90.000	3846.58	0.00 N	39.05 E	39.05	5.000
3940.00	15.000	90.000	3933.52	0.00 N	62.34 E	62.34	0.000
4200.00	2.000	90.000	4190.11	0.00 N	100.69 E	100.69	5.000
4250.00	0.000	359.178	4240.10	0.00 N	101.56 E	101.56	4.000
6894.90	0.000	359.178	6885.00	0.00 N	101.56 E	101.56	0.000



Prepared:	Checked:	Approved:
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DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

COPY

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08 SEP 11 PM 1:04
070 FARMINGTON, NM

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		5. LEASE DESIGNATION AND SERIAL NO. SF 078500-A
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
SUBMIT IN TRIPLICATE		7. IF UNIT OR CA, AGREEMENT DESIGNATION SAN JUAN 28-7 UNIT
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> :		8. WELL NAME AND NO. SAN JUAN 28-7 UNIT #249M (SIDETRACK)
2. NAME OF OPERATOR CONOCO INC.		9. API WELL NO. 30-039-25802
3. ADDRESS AND TELEPHONE NO. 10 Desta Drive, Suite. 100W Midland, Texas 79705-4500 (915) 686-5424		10. FIELD AND POOL, OR EXPLORATORY AREA BASIN DAKOTA
4. LOCATION OF WELL (Footage, Sec., T., R., M., or Survey Description) 787' FSL & 2161' FEL, UNIT LETTER 'O', SEC. 30, T28N - R07W		11. COUNTY OR PARISH, STATE RIO ARriba COUNTY, NM
12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION <input type="checkbox"/> Notice of Intent <input checked="" type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice		TYPE OF ACTION <input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input checked="" type="checkbox"/> Other: Casing Rpt - 4-1/2" <input type="checkbox"/> Change of Plans <input type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Dispose Water <small>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log Form.)</small>
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.) <p>9/9/98 Ran 163 joints 4-1/2", 9.5#, K-55, ST&C casing. Total footage 6884.85', depth of shoe 6903', depth of collar 6859'. Cement with 550 sxs of 50/50 + 2% Gel + Class B D-48 POZ + 2% D-20 + .25 PPS Celloflake + 5 PPS + .1% D-46 + .5% B14 + .1% D-65. Displaced w/ 110.5 bbls of H2O, full returns, no cement returns, & floats held. Bumped plug @ 13:00 a.m. on 09/09/98 w/ 2100 psi. Did not bump plug - partial returns after 60 bbls disp. pumped. PLUG DID NOT DROP - STAYED IN CEMENTING HEAD.</p>		
14. I hereby certify that the foregoing is true and correct		
SIGNED <u>Sylvia Johnson</u>		OIL CON. DIV. FARMINGTON DISTRICT OFFICE DIST. 3
TITLE <u>SYLVIA JOHNSON, As Agent for Conoco Inc.</u> DATE <u>9/11/98</u>		
(This space for Federal or State office use)		
APPROVED BY _____ TITLE _____ DATE _____ 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