1625 N. French Drive
Hobbs, N. M. 88240

Form 3160-5
(June 1990)

ITED 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

5. Lease Designation and Serial No.: LC031696A

6. If Indian, Allottee or Tribe Name:

7. If unit or CA, Agreement Designation:

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

8. Well Name and No.: Semu #135

2. Name of Operator
CONOCO INC.

9. API Well No.: 30-025-34666

3. Address and Telephone
10 DESTA DRIVE, SUITE 430E, MIDLAND, TEXAS 79705-4500

10. Field and Pool, or Exploratory Area: North Hardy Strawn

4. Location of Well (Footage, Sec., T. R. M. or Survey Description)
Section 25, T20S, R37E
1330' FSL & 1980' FEL

11. County or Parish, State: Lea County, 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 Report	☐ Recompletion	☐ New Construction
☐ Final Abandonment Notice	☐ Plugging Back	☐ Non-Routine Fracturing
	☐ Casing Repair	☐ Water Shut-Off
	☐ Altering Casing	☐ Conversion to Injection
	☒ Other Casing Change	☐ 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. proposes to change the casing program as outlined in the attached revised Proposed Well Plan Outline.

14. I hereby certify that the foregoing is true and correct
Signed _____ Title Sr. Property Analyst Date 8/10/99

15. (This space for Federal or State office use)
Approved by ORIG. SGD.) GARY GOURLEY Title PETROLEUM ENGINEER Date AUG 11 1999
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.

FC GWW

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PROPOSED WELL PLAN OUTLINE

WELL NAME: SEMU No. 135
LOCATION: 1980' FEL & 1330' F_ Sec 25 -T20S-R37E
Ground Level : 3509'
Kelly Bushing:

Depth MD	FORMATION TOPS	DRILLING PROBLEMS	TYPE OF FORMATION EVALUATION	HOLE SIZE	CASING PROGRAM	FRAC GRAD	FORM. PRES. GRAD.	Mud Weight & Type	Days
0		Possible Hole Enlargement & Sloughing		12-1/4"			Less than 8.3	8.4 - 9.5 Fresh	
1000					8-5/8", 23#, M-50 ST&C @ 420'				
	Top Salt @ 1390'				8-5/8", 24#, J-55 ST&C f/ 420'-1400'				3
		Washouts in Salt Section		7-7/8"	Circulate Cement			10 Brine	
2000							Less than 8.4		
	Base Salt @ 2550'								
	Yates 2690'		Mud Loggers F/ Yates to TD						
	7 Rivers 2950'		H2S Monitor on at 2900'						
3000									
	Queen 3520'	Shallow gas flows in SEMU # 125 & 126 not expected at this location							
	Grayburg 3750'								
4000	San Andres 4010'	Lost Returns in San Andres			DV Tool @ 4000' (above San Andres)				7
5000		High volume water flow in SEMU 126. 1 mi North. Could not circ 11 ppg mud to kill.							
	Glorietta 5280'	Possible differential sticking thru Glorietta & Paddock							
	Blinebry Mkr 5825'								
6000									
	Tubb 6370'								
	Drinkard 6650'								
	Abo 6960'								
7000			First Log Run: GR-CAL-DLL-MLL-Sonic FDC-CNL-PE : TD to 2650' Pull GR-CNL-Cal to Surf						
	Strawn 7675'		Second Log Run: 60 rotary sidewall cores		5-1/2", 15.5#, J-55 LT&C @ 7300'				
		STOP DRILLING WHEN WOODFORD SHALE IS CUT	Third Run: FMI imaging log		5-1/2", 17.0#, J-55 LT&C f/7300'-8000'				
8000	TD @ 8000'	Severe losses in Devonian			Circulate Cement			10 ppg Starch Gel	20
	Devonian 8120'								

Note: The Devonian formation is associated with severe lost circulation problems. This well will be TD'd very close to the top of the Devonian. The mud loggers will pick the Woodford shale which is 40' thick and sits on top of the Devonian. Stop drilling once the Woodford is entered.

DATE 09-Aug-99

Joe Hack, Geophysical Advisor

APPROVED

Yong Cho, Drilling Engineer

Joe Miller, Reservoir Engineer FOR

MAVERICK TUBE CORPORATION

MAVERICK PERFORMANCE PROPERTIES AND RECOMMENDED SETTING DEPTH LIMITATIONS

CALL TOLL FREE: 1-800-325-1777 FAX: 314-537-1316

					COLLAPSE-NO AXIAL LOAD		JOINT STRENGTH (SHORT/LONG) (Buttress on Request)			INTERNAL PRESSURES	
CASING	Pipe Grade	Nominal Wall (in.)	Weight (lbs./ft.)	Coupling Grade	Collapse resistance (psi)	Setting Depth for Collapse (ft.) (Mud wt. of 9.6525#/gal., 1.125 S.F.)	Joint Strength Round Thrds (1000#)	Joint Strength Setting Depth (ft.) (1.8 S.F.)	Minimum Pipe Body Yield Strength (1000#)	Minimum Internal Yield Pressure (psi)	80% Min. Yield Strength or Max Frac Pressure (psi)
5 1/2 continued	J-55	.304	17.0	K-55	4910	8730	229/247	7480/8070	273	5320	4900
	K-55	.304	17.0	K-55	4910	8730	252/272	8240/8890	273	5320	4900
	M-75	.304	17.0	N-80	6040	10740	327	10690	372	7250	6800
	L-80	.304	17.0	L-80	6290	11180	338	11050	397	7740	7100
	N-80	.304	17.0	N-80	6290	11180	348	11370	397	7740	7100
	MAV-95	.304	17.0	C-95	8580	15250	392	12810	471	9190	8400
	P-110	.304	17.0	P-110	7480	13300	445	14540	546	10640	9700
	L-80	.361	20.0	L-80	8830	15700	416	11560	466	9190	7900
	N-80	.361	20.0	N-80	8830	15700	428	11890	466	9190	7900
	MAV-95	.361	20.0	C-95	10630	18900	482	13390	554	10910	9400
	P-110	.361	20.0	P-110	11100	19730	548	15220	641	12640	10900
	L-80	.415	23.0	L-80	11160	19840	489	11810	530	10560	7900
	N-80	.415	23.0	N-80	11160	19840	502	12130	530	10560	7900
	MAV-95	.415	23.0	C-95	12450	22130	566	13670	630	12540	9400
7	H-40	.231	17.0	H-40	1420	2520	122	3990	198	2310	2100
	M-50	.272	20.0	K-55	1980	3480	209	5810	273	3220	2900
	J-55	.272	20.0	K-55	2270	4040	234	6500	318	3740	3400
	K-55	.272	20.0	K-55	2270	4040	254	7060	316	3740	3400
	M-50	.317	23.0	K-55	3110	5530	273	6590	333	3960	3600
	J-55	.317	23.0	K-55	3270	5810	284/313	6860/7560	366	4360	4000
	K-55	.317	23.0	K-55	3270	5810	309/341	7460/8240	366	4360	4000
	L-80	.317	23.0	L-80	3830	6810	435	10510	532	6340	5800
	N-80	.317	23.0	N-80	3830	6810	442	10680	532	6340	5800
	MAV-95	.317	23.0	C-95	5650	10040	512	12370	632	7530	6900
	J-55	.362	26.0	K-55	4330	7700	334/367	7140/7840	415	4980	4600
	K-55	.362	26.0	K-55	4330	7700	364/401	7780/8570	415	4980	4600
	L-80	.362	26.0	L-80	5410	9620	511	10920	604	7240	6600
	N-80	.362	26.0	N-80	5410	9620	519	11090	604	7240	6600
	MAV-95	.362	26.0	C-95	7800	13870	602	12860	717	8600	7900
	P-110	.362	26.0	P-110	6230	11080	693	14810	830	9960	9100
	L-80	.408	29.0	L-80	7030	12500	587	11250	676	8160	7400
	N-80	.408	29.0	N-80	7030	12500	597	11440	676	8160	7400
	MAV-95	.408	29.0	C-95	9200	16360	692	13260	803	9520	8800
	P-110	.408	29.0	P-110	8530	15160	797	15270	929	11220	9500
7 5/8	M-50	.328	26.4	K-55	2460	4370	284	5980	358	3580	3300
	J-55	.328	26.4	K-55	2900	5160	346	7280	414	4140	3800
	K-55	.328	26.4	K-55	2900	5160	377	7930	414	4140	3800
	L-80	.328	26.4	L-80	3400	6040	482	10140	602	6020	5500
	N-80	.328	26.4	N-80	3400	6040	490	10310	602	6020	5500
	MAV-95	.328	26.4	C-95	4850	8620	568	11950	714	7150	6500
	L-80	.375	29.7	L-80	4790	8520	566	10590	683	6890	6300
	N-80	.375	29.7	N-80	4790	8520	575	10760	683	6890	6300
	MAV-95	.375	29.7	C-95	7150	12710	668	12480	811	8180	7500
	P-110	.375	29.7	P-110	5350	9510	769	14380	940	9470	8700
	L-80	.430	33.7	L-80	6560	11660	664	10950	778	7900	7200
	N-80	.430	33.7	N-80	6560	11660	674	11110	778	7900	7200
	MAV-95	.430	33.7	C-95	8800	15640	783	12910	923	9380	8600
	P-110	.430	33.7	P-110	7870	13990	901	14850	1069	10860	9900
8 5/8	M-50	.250	23.0	K-55	1170	2080	199	4810	328	2540	2300
	J-55	.264	24.0	K-55	1370	2440	244	5650	381	2950	2700
	K-55	.264	24.0	K-55	1370	2440	263	6090	381	2950	2700
	MAV-80	.264	24.0	K-55	1780	3160	326	7550	381	2950	2700
	MAV-80	.304	28.0	K-55	2680	4780	414/464	8210/9210	437	3390	3100
	M-50	.352	32.0	K-55	2140	3800	343	5950	435	3390	3100
	J-55	.352	32.0	J-55	2530	4500	372/417	6480/7240	503	3930	3600
	K-55	.352	32.0	K-55	2530	4500	402/452	6980/7850	503	3930	3600
	MAV-80	.352	32.0	K-55	4130	7340	497/556	8630/9650	503	3930	3600

These figures are taken from computer designs with safety factors as shown. Occasionally a well may have conditions which require individual alternates. Please exercise caution in any instance. NOTE: Casing and tubing designs shown here are for your convenience. The responsibility for engineering any well is held by the purchaser.