

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires July 31, 1996

**SUNDRY NOTICES AND REPORTS ON WELLS**

*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

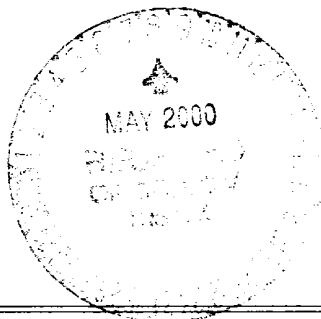
1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. SF 078048
2. Name of Operator CONOCO, INC.		6. If Indian, Allottee or Tribe Name
3a. Address P.O. BOX 2197 HOUSTON, TX 77252	3b. Phone No. (include area code) (281)293-1005	7. If Unit or C/A Agreement, Name and/or No. 23671
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 435' FNL & 1180' FEL A, SEC.28, T26N, R7W		8. Well Name and No. PORKCHOP FED 28 #1
		9. API Well No. 30-039-25965
		10. Field and Pool, or Exploratory Area BASIN DAKOTA
		11. County or Parish, State RIO ARRIBA TX

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/ Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input checked="" type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

CONOCO PROPOSES TO MAKE THE FOLLOWING CHANGES TO THE CASING AND CEMENT FROM THE ORIGINAL APD AS PER THE ATTACHED.



00 APR 11 AM 8:54  
ALBUQUERQUE, N.M.

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) DEBORAH MARBERRY		Title REGULATORY ANALYST
Signature <i>Deborah Marberry</i>		Date 04/10/2000

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by <b>/s/ Charlie Beecham</b>	Title <b>Team Lead, Petroleum Management</b>	Date <b>4-10-00</b>
Office		

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

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.

# Schlumberger

CONOCO, INC.  
RICKY JOYCE  
HOUSTON, TEXAS  
APRIL 4, 2000

## PORK CHOP FED 28 #1

### SURFACE CASING

OBJECTIVE: BRING CEMENT TO SURFACE.

SPACER: 20 BBLS FRESH WATER

### SLURRY DESIGN

200 SKS CLASS B + 2% S1 + 0.25 PPS D29

MIX WT.:	15.6 PPG
YIELD:	1.19 CU.FT./SK.
H2O:	5.19 GAL./SK.
T.T.:	2:30 HOURS:MINUTES
C/S:	1000 PSI IN 12 HRS.

### PRODUCTION CASING

OBJECTIVE: BRING TAIL CEMENT TO 150 FEET ABOVE THE CLIFFHOUSE AND LEAD CEMENT TO SURFACE IN THREE STAGES.

SPACER: 40 BBLS CW-100

### CEMENT DESIGN

#### STAGES 1 (TAIL)

878 SKS 50:50 (POZ:B) + 2.75% D20 + 0.2% D167 + 0.2% 46 + 0.25 PPS D29

MIX WT.:	12.4 PPG
YIELD:	1.60 CU.FT./SK.
H2O:	8.28 GAL./SK.
F/L:	372 CC/30 MINS
T.T.:	4:30 HOURS:MINUTES
C/S:	1200 PSI IN 48 HOURS

#### STAGE 2 (LEAD)

518 SKS CLASS B + 3% D79 + 0.2% D46 + 1% S1 + 0.25 PPS D29

MIX WT:	11.4 PPG
YIELD:	2.9 CU.FT./SK.
H2O:	17.78 GAL./SK.
F/L:	NO CONTROL
T.T.:	5:00 HOURS:MINUTES
C/S:	300 PSI IN 48 HRS.

At Conoco our work is never so urgent or important that we cannot take time to do it safely.

SAN JUAN DRILLING PROGRAM

WELL INFO	Well:	PORK CHOP FED 28 NO. 1		Area:	Largo Canyon		AFE #	2670		AFE \$:	\$377,759		
	County:	Rio Arriba		State:	NM		Rig:	Key 49		RKB-GL:	13'		
	API #	30-039-25965		Permit #	SF-078048		Fresh Wtr Prot:	Circulate cement on surface casing.					
	MD:	7055'		TVD:	7055'		KOP:	N/A		G.L. Elev:	6241'		
	Co-ordinates:	WELL	Latitude:	36°27'49"		Longitude:	107°34'33"		ERA	Latitude:		Longitude:	
	Location:	435' FNL AND 1180' FEL    NSL Order 4123											
		Section:	28	Township:	26N	Range:	7W						
Directional:	N/A												

DISCUSSION	THIS WELL IS TO BE DRILLED WITH SAFETY AND PROTECTION OF THE ENVIRONMENT AS THE PRIMARY OBJECTIVES! Use of the STOP program, Job Safety Analysis and Pre-Job Safety Meetings are imperative.											
	IT IS THE DRILLING REPRESENTATIVES RESPONSIBILITY TO READ AND FOLLOW ALL STIPULATIONS FOR EACH PERMIT AND ENSURE COMPLIANCE											
	REGULATORY NOTIFICATIONS											
	Notify the U.S. Bureau of Land Management:											
	1. Anytime a major deviation from the well plan (plug back, sidetrack, etc...) is going to occur. Leave a message with the intended plan if no one answers. If in doubt notify! Better to notify unnecessarily than not to and get a fine.											
	2. Immediately upon spudding											
	3. Complete the Notice of Spud Sundry and FAX to Trigon Engineering Inc. at (970) 385-9107, attention Debra Sittner. Call her at (970) 385-9100, ext. 25 or Verla Johnson @ ext. 20 to confirm that the fax was received. This is in addition to the phone calls to the BLM.											
	4. 24 hours prior to any BOP or casing pressure test.											
	5. 24 hours prior to any cementing operation											
	PHONE NUMBERS											
BLM – Farmington: (505) 599-8907												
BLM – Albuquerque: (505) 761-8700												
New Mexico Oil Conservation Department: (505) 334-6178												
NOTE – Permits come from either the Farmington OR Albuquerque depending upon the area. Refer to the permit for the correct number to call.												
Review Emergency Response Plan before rigging up and be prepared to execute the plan if needed!												
The objective of this well is to develop the Dakota and Mesa Verde formations.												
Good oilfield practices are to be used throughout the drilling of this well. This includes measuring and recording the OD, ID and length of everything that goes through the rotary table, using hole covers, etc.												

TIME	Days From Spud to...							
	Surf Csg Pt	Drig Out	Int. Csg Pt	Drig Out	TD	Log	Prod Csg Set	Rig Rel.
Days	5	1.5			14	15	15.5	16

FORMATIONS	Zone	Depth (TVD)	MW	Zone EMW	Hole Size	Csg Size	FIT / LOT	Remarks
	Surface Casing	+350	8.4-9.0		12 1/4"	9 5/8"		Severe lost circulation is possible. Formation Press – 432 psi 9 5/8" – 36#, J-55, STC (0' to +350'). Cement to surface.
	OJAM	1497	8.4-9.0		8 3/4" or 7 7/8"			Possible water flows.
	KRLD	1695						Possible gas. Formation Press – 932 psi
	FRLD	1803	4.2					Possible lost circulation & differential sticking
	PCCF	2254	2.9					
	LEWS	2436						Formation Press – 983 psi. Possible DV tool 200-400' above Cliff House contingent on Lost Circulation. Cement to Surface.
	CHRA	3092						Possible gas. Formation Press – 1314 psi. Frac Gradient 0.5 psi/ft
	CLFH	3841	2.3					Possible gas
	MENF	3871	2.2					Possible gas
	PTLK	4509						
	MNCS	4812						
	U GLLP	5622						
	M GLLP	5876						
	SNST	6164						
	GRNH	6495						
	GRRS	6552						Formation Press – 2631 psi. Frac Grad 0.5 psi/ft
	TWLS	6607						Gas, Possible waterflows, Highly Fractured
	PAGU	6688	2.1					Gas, Highly Fractured
	L DKOT	6798						Gas, Possible waterflows, Highly Fractured
MRSN	6905							
TD	7055	8.4-9.0		4 1/2"		4 1/2" – 10.5#, J-55, STC (0' to TD) BHT 175°F. Cement to Surface, or DV tool if run. Permit to 7355'		

LOGS	Intermediate Logs:	None
	TD Logs:	Log openhole GR-SP-CAL-NEUT/DEN-ML (COMBO - ONE RUN IN HOLE)
	Additional Information:	Logging company to provide a sketch with all lengths, OD's & ID's of all tools prior to running in the hole