

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.

5. Lease Serial No.

SF 078048

6. If Indian, Allottee or Tribe Name

63

7. If Unit or CA Agreement, Name and/or No.

23642

8. Well Name and No.

PORKCHOP FED 27 #1

9. API Well No.

30-039-25953

10. Field and Pool, or Exploratory Area

BASIN DAKOTA

11. County or Parish, State

RIO ARRIBA

TX

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

CONOCO, INC.

3a. Address

P.O. BOX 2197 HOUSTON, TX 77252

3b. Phone No. (include area code)

(281)293-1005

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

1745' FNL & 915' FEL
H, SEC.27, T26N, R7W

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 CEMENTING FROM THE ORIGINAL APD AS PER THE ATTACHED.

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

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

Name (Printed Typed)

DEBORAH MARBERRY

Title

REGULATORY ANALYST

Signature

Date

04/10/2000

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

/s/ Charlie Beecham

Title

Team Lead, Petroleum Management

Date

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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.

Office

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 27 #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

STAGE 1 (TAIL)

877 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)

611 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 27 NO. 1				Area: Largo Canyon		AFE # 2668		AFE \$: \$377,759	
	County: Rio Arriba				State: NM		Rig: Key 49		RKB-GL: 13'	
	API # 30-039-25953			Permit # SF-078048		Fresh Wtr Prot: Circulate cement on surface casing.				
	MD: 7695'			TVD: 7695'		KOP: N/A G.L. Elev: 6829'				
	Co-ordinates:		WELL	Latitude: 36°27'35"		Longitude: 107°33'25"		ERA	Latitude:	Longitude
	Location:		1745' FNL AND 915' FEL							
			Section:	27	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 ¼"	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	2138	8.4-9.0		8 ¾" or 7 7/8"			Possible water flows.
	KRLD	2336						
	FRLD	2444		4.2				Possible gas. Formation Press – 932 psi
	PCCF	2895		2.9				Possible lost circulation & differential sticking
	LEWS	3077						
	CHRA	3740						Formation Press – 983 psi. Possible DV tool 200-400' above Cliff House contingent on Lost Circulation. Cement to Surface.
	CLFH	4489		2.3				Possible gas. Formation Press – 1314 psi. Frac Gradient 0.5 psi/ft
	MENF	4519		2.2				Possible gas
	PTLK	5157						Possible gas
	MNCS	5460						
	U GLLP	6262						
	M GLLP	6516						
	SNST	6804						
	GRNH	7135						
	GRRS	7192						Formation Press – 2631 psi. Frac Grad 0.5 psi/ft
	TWLS	7247						Gas, Possible waterflows, Highly Fractured
	PAGU	7328		2.1				Gas, Highly Fractured
	L DKOT	7438						Gas, Possible waterflows, Highly Fractured
	MRSN	7545						
	TD	7695	8.4-9.0		4 ½"			4 ½" – 10.5#, J-55, STC (0' to TD) BHT 175°F Cement to Surface, or DV tool if run. Permit to 7995

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.