	DEPARTM	INITED STATES MENT OF THE INTERIOR OF LAND MANAGEMENT		FORM APPROVE OMB No. 1004-01: Expires November 30, 5. Lease Serial No. NMSF079341A	36		
Ž	APPLICATION FOR	6. If Indian, Allottee or Tribe Nan	ne				
	1a. Type of Work: DRILL REEN	TER		7. If Unit or CA Agreement, Nam	e and No.		
//	1b. Type of Well: Oil Well Gas W 2. Name of Operator CONOCOPHILLIPS COMPANY	8. Lease Name and Well No. SAN JUAN 32-8 UNIT 231A 9. API Well No. 30045 31628					
/	3a. Address 5525 HWY. 64 FARMINGTON, NM 87401	3b. Phone No. (incli Ph: 505.599.345 Fx: 505-599-344	54	10. Field and Pool, or Exploratory BASIN FRUITLAND COA			
	, <u>-</u>		· ·	11. Sec., T., R., M., or Blk. and Si Sec 28 T32N R8W Mer N O 12. County or Parish SAN JUAN			
H	15. Distance from proposed location to nearest please line, ft. (Also to nearest drig. unit line, 545		Lease APR 2003	320.00 W/2	; well		
	 Distance from proposed location to nearest v completed, applied for, on this lease, ft. 	3605 MD 3605 TVD		20. BLM/BIA Bond No. on file			
	21. Elevations (Show whether DF, KB, RT, GL, 6705 GL	etc. 22. Approximate da 05/15/2003	te work will start	23. Estimated duration 30 DAYS			
	24. Attachments						
	 The following, completed in accordance with the result. Well plat certified by a registered surveyor. A Drilling Plan. A Surface Use Plan (if the location is on Nation SUPO shall be filed with the appropriate Forest 	al Forest System Lands, the	4. Bond to cover the operation Item 20 above). 5. Operator certification	this form: Ins unless covered by an existing bon Tormation and/or plans as may be req	,		

25. Signature (Electronic Submission)	Name (Printed/Typed) PATSY CLUGSTON	Date 04/16/2003
Title AUTHORIZED REPRESENTATIVE		
Approved by (Signature) David J. Mankiewicz	Name (Printed/Typed)	APR 2 2 200

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

Additional Operator Remarks (see next page)

Electronic Submission #20690 verified by the BLM Well Information System For CONOCOPHILLIPS COMPANY, sent to the Farmington

DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS".

This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4

** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL **

District I P) Bog 1980, Hobbs, NM 88241-1980 District II 811 South First, Artesia, NM 88210 District III 1000 Rio Brazoa Rd., Aztec, NM 87410 District IV

2040 South Pacheco, Santa Fe, NM 87505

320 W/2

State of New Mexico Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe, NM 87505 Form C-102
Revised October 18, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

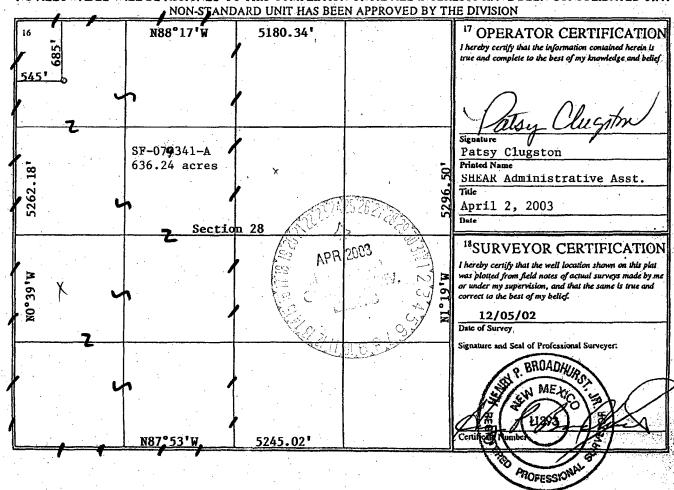
AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

	30-6	All Months	3/67	·8	1 Pool Cod 71629		sin Fruitl ä n	'PoolN d Coal	ume		
Property Code Property Name 31330 SAN JUAN 32-8								Well Number	1		
		Operator Nature 217817 CONOCOPHILLIPS COMPANY					67	* Elevation '05			
¹⁰ Surface Location								•			
	UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County	

685 NORTH 8W SAN JUAN 11 Bottom Hole Location If Different From Surface UL or lot no. Lot Idn Feet from the North/South line Feet from the East/West line Range County Section Township D 12 Dedicated Acres 13 Joint or Infill 14 Consolidation Code 15 Order No.

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A



CONOCOPHILLIPS COMPANY

WELL NAME: San Juan 32-8 Unit #231A						
	·					
DRIL	LING PROGNOSIS					
1.	Location of Proposed Well:	Unit D, 685' FNL & 545' FWL Section 28, T32N, R8W				
2.	Unprepared Ground Elevatio	n: <u>@ 6705'</u> .				
3.	The geological name of the surface formation is <u>San Jose</u> .					
4.	Type of drilling tools will be	<u>rotary</u> .				
5.	Proposed drilling depth is	<u>3605'</u> .				
6.	The estimated tops of import Naciamento - 860' Ojo Alamo - 2335' Kirtland - 2380' Fruitland - 3185' Top of Coal - 3300'	ant geologic markers are as follows: Base of Coal - 3605' Intermediate casing - 3280' Picture Cliffs - 3610' T. D 3605'				
7.	The estimated depths at w formations are expected to be	hich anticipated water, oil, gas or other mineral bearing encountered are as follows:				
		none nd Coal - 3300' - 3605' nd Coal - 2300' - 3605'				
8.	The proposed casing program	n is as follows:				
	Surface String: 9-5/8", 32.3 Intermediate String: 7", 20#, Production Liner: 5-1/2", 15					
	* The surface casing will required to maintain hole stal	be set at a minimum of 200', but could be set deeper if bility.				
9.	Cement Program: <u>Surface String:</u> 123.2 (S001), 0.25#/sx Cellophane	sx Class G cement with 1.16 cuft/sx yield, 2% bwoc CaCl2 Flake (D029) = 142.9 cf Circulate cement				

9. Cement program: (continued from Page 1)

Intermediate String:

Toc 600'mimoverlap w/sorbace

Lead Cement: 413.6 sx Class G w/3% D079 (chemical extender) 0.25#/sx D029 (Cellephone flakes, 0.05 GPS D047 (Antifoam Agent) 0.2% D046 Flocele (All purpose antifoam agent) mixed at 11.7 ppg and yield of 2.61 cuft/sx = 1079.49 cf.

Tail: 96.8 sx - 50/50/G/POZ cement w/2% D020 (Bentonite Extender), 2% S001 (CaCl2), 5#/sxD024 (Gilsonite), ¼#/sx D029(Celephane flakes) & 1% D046 (all purpose antifoam agent) @ a weight of 13.5 ppg and yield of 1.27 cuft/sx = 122.93 cf.

Note: ConocoPhillips Company continually works to improve the coment slurries on our wells. Our Cementing Service Companies are currently trying to improve what we are using now and before we would use a new cement program it would have to have stronger properties than we are currently using.

Centralizer Program:

Surface:

Total four (4) - 10' above shoe and top of 2nd, 3rd, & 4th its.

Intermediate: Total seven (7) - 10' above shoe and top of 1st, 2nd, 4th, 6th, 8th, &

1st it. into shoe.

Turbulators: Total three (3) - one at 1st it below Ojo Alamo and next 2 its up.

Liner:

- If the coal is cleated a 5 ½" 15.5# liner will be run in the open hole without being cemented.
- If the coal is NOT cleated, a 4-1/2" 11.6# liner will be run & cemented. The well will then be completed by fracture stimulation. The top of the liner will be set approx. 200' into the 7" casing and be set @ TD and be cement in place as follows:

Lead Cement: Approx. 150% excess - Standard with 3% Econolite + 10 lbs/sx Gilsonite + 0.5 lbs/sx Flocele + mixed at 11.4 ppg with a yield of 2.91 ft³/sx

Tail: 50/50 Poz Standard with 0.25 lbs/sx Flocele + 5 lbs/sx Gilsonite + 2% Bentonite and 2% CaCl₂ mixed at 13.5 ppg with a 1.33 ft³/sx yield.

10. The minimum specifications for pressure control equipment which are to be used, a schematic diagram thereof showing sizes, pressure ratings (or) API series and the testing procedure and testing frequency are enclosed within the APD packet.

San Juan 32-8 Unit #231A

SURFACE CASING:

Drill Bit Diameter
Casing Outside Diameter
Casing Weight
Casing Grade
Shoe Depth
Cement Yield
Excess Cement

01625 "
228 ppf
1436 '
unit cuft/sk
100 %

8.989

40'

Casing Capacity 0.0785 bbl/ft 0.4407 cuft/ft Hole / Casing Annulus Capacity 0.0558 bbl/ft 0.3132 cuft/ft

Cement Required

123.2 sx

SHOE 200 ', 9.625 ", 32.3 ppf, H-40

INTERMEDIATE CASING:

Drill Bit Diameter Casing Outside Diameter 6.455 Casing Weight ppf Casing Grade Shoe Depth Lead Cement Yield cutt/sk **Lead Cement Excess** % Tail Cement Length 45 ' Tail Cement Yield cuft/sk **Tail Cement Excess**

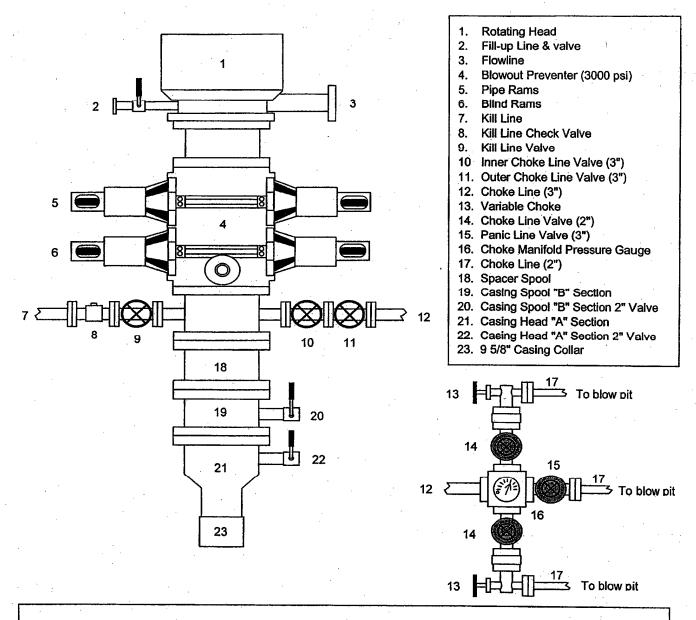
Lead Cement Required 413.6 sx Tail Cement Required 96.8 sx

LINER TOP 3260 '

SHOE 3280', 7", 20 ppf, J-55

LINER BOTTOM 3605

BLOWOUT PREVENTER HOOKUP



Drilling contractors used in the San Juan Basin suppy 3000 psi equipment, but cannot provide annular preventors because of sub-structure limitations. Maximum anticipated surface pressures for this well will not exceed the working pressure of the proposed BOP system. The above diagram of the BOP system details 2000 psi equipment according to Onshore Order No. 2 even thought the equipment will test to 3000 psi. The 2000 psi system allows deletion of the annular preventor and fulfills your requirements.

In addition to the equipment in the above diagram the following equipment will comprise the BOP system:

- 1. Upper Kelly cock Valve with handle
- 2. Stab-in TIW valve for all drillstrings in use

San Juan 32-8 Unit #232A SF-079341-A; Unit D, 685' FNL & 545' FWL, Section 28, T32N, R8W; San Juan County, NM

Cathodic Protection

ConocoPhillips proposes to drill a cathodic protection deep well groundbed for the subject well. Will drill a 6-7/8" hole to an anticipated minimum depth of 300' (maximum depth of 500'). Cement plugs will not be used unless more than one water zone is encountered. Prior drilling history for the area indicates only one zone to that depth. If more than one water zone is encountered, notification will be made and details of cement and casing will be provided.

All drilling activity will remain on existing well pad and a Farmington based company will be doing the drilling for ConocoPhillips.