

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0136
Expires November 30, 2000

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. SF-078835-A
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name
2. Name of Operator CONOCO INC.		7. If Unit or CA Agreement, Name and No.
3a. Address 10 DESTA DR., ROOM 608W MIDLAND, TX 79705		8. Lease Name and Well No. SAN JUAN 28-7 UNIT 236G
3b. Phone No. (include area code) Ph: 915.686.5799 Ext: 5799		9. API Well No. 3003927050
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SWSE 15FSL 2405FEL At proposed prod. zone		10. Field and Pool, or Exploratory BLANCO MESAVERDE/BASIN DAKO
14. Distance in miles and direction from nearest town or post office*		11. Sec., T., R., M., or Blk. and Survey or Area Sec 6 T27N R7W Mer NMP
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)	16. No. of Acres in Lease 7847 MD	12. County or Parish RIO ARRIBA
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft.	19. Proposed Depth 7847 MD	13. State NM
21. Elevations (Show whether DF, KB, RT, GL, etc.) 6859 GL	22. Approximate date work will start	17. Spacing Unit dedicated to this well 320.60
23. Estimated duration DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS".		20. BLM/BIA Bond No. on file
24. Attachments		

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- Well plat certified by a registered surveyor.
- A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification
- Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature (Electronic Submission)	Name (Printed/Typed) VICKI WESTBY	Date 07/01/2002
Title AUTHORIZED SIGNATURE		
Approved by (Signature) /s/ Jim Lovato	Name (Printed/Typed) JIM LOVATO	Date 10/8/02
Title Petr. Eng.	Office BLM-FED	

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 #12459 verified by the BLM Well Information System
For CONOCO INC., sent to the Farmington
Committed to AFMSS for processing by Lucy Bee on 07/09/2002 ()

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

NMOCD

District I
PO Box 1980, Hobbs, NM 88241-1980

District II,
PO Drawer 00, Artesia, NM 88211-0719

District III
1300 Rio Brazos Rd., Aztec, NM 87410

District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-102
Revised February 21, 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

*API Number 30-039-27050		*Pool Code 72319 / 71599	*Pool Name BLANCO MESAVERDE / BASIN DAKOTA
*Property Code 016608	*Property Name SAN JUAN 28-7 UNIT		*Well Number 2366
*OGRID No. 005073	*Operator Name CONOCO, INC.		*Elevation 6859

10 Surface Location

U. or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	6	27N	7W		15	SOUTH	2405	EAST	RIO ARriba

11 Bottom Hole Location If Different From Surface

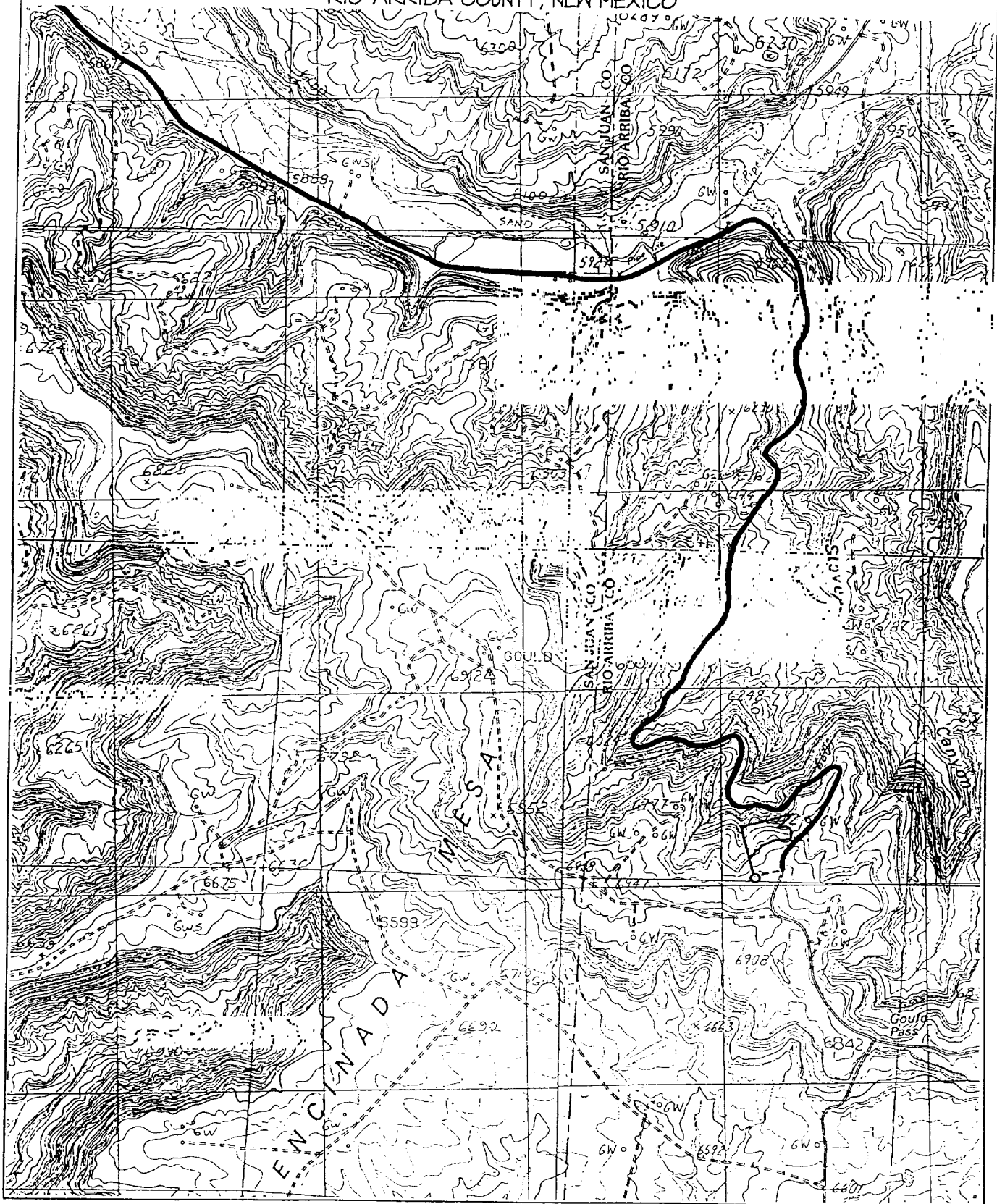
U. or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

12 Dedicated Acres 320.60 Acres - (E/2)	13 Joint or Infill	14 Consolidation Code	15 Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<p>16</p> <p>1316.70' 1316.70'</p> <p>LOT 4 LOT 3</p> <p>1375.10' 1375.10'</p> <p>1375.10' 1375.10'</p> <p>2751.54' 2739.66'</p> <p>1319.34' 1320.00' 2638.68'</p>			<p>40.25 2665.08' 40.35'</p> <p>LOT 2 LOT 1</p> <p>1383.36' 1370.16'</p> <p>2739.66'</p> <p>2405'</p> <p>15'</p> <p>6</p> <p>OCT 2002</p> <p>REGISTERED</p> <p>OIL CON. DIV.</p> <p>EXP. 3</p> <p>SF-076835-A 0x</p> <p>x²</p>	<p>17 OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</p> <p><i>Vicki Westby</i></p> <p>Signature Vicki R. Westby</p> <p>Printed Name Sr. Title Analyst</p> <p>Title Date <i>June 27, 2002</i></p> <p>18 SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>Date of Survey: JUNE 21, 2002</p> <p>Signature and Seal of Professional Surveyor</p> <p><i>JASON C. EDWARDS</i></p> <p>15269</p> <p>REGISTERED PROFESSIONAL SURVEYOR</p> <p>NEW MEXICO</p> <p>Certificate Number 15269</p>
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CONOCO, INC. SAN JUAN 28-7 UNIT #2366
15' FSL & 2405' FEL, SECTION 6, T27N, R7W, N.M.P.M.
RIO ARriba COUNTY, NEW MEXICO



PROJECT PROPOSAL - New Drill / Sidetrack

SAN JUAN 28-7 236G

(Not
Assigned)



San Juan Business Unit

Lease : AFE # : AFE \$:
Field Name : EAST 28-7 Rig : State : NM County : Rio Arriba API # :
Geoscientist : Glaser, Terry J Phone (281) 293 - 6538 Prod. Engineer Moody, Craig E. Phone : (281) 293 - 6559
Res. Engineer : Valvatne, Christine K. Phone Proj. Field Lead Phone :

Primary Objective (Zones) :

Zone	Zone Name
FRR	BASIN DAKOTA (PRORATED GAS)
RON	BLANCO MESAVERDE (PRORATED GAS)

Air Drilled "

Location : Surface
Latitude : 36.60 Longitude : -107.61 X : Y : Section : 6 Abstract: 7W
Footage X : 2405 FEL Footage Y : 15 FSL Elevation: 6859 (FT) Survey : 27N
Tolerance

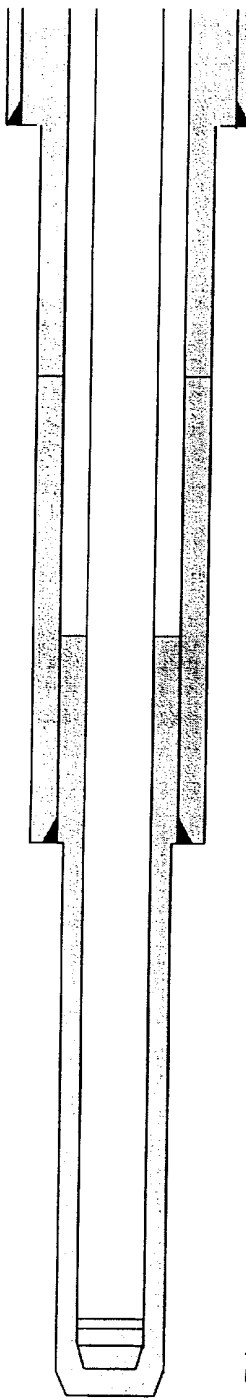
Location Type : Year Round Start Date (Est.) Completion Date : Date In Operation :
Formation Data Assume KB 6872 Units = FT

Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	317	6555	<input type="checkbox"/>			Severe lost circulation is possible. 9 5/8", 36 ppf, J-55, STC casing. Circulate cement to surface.
OJAM	2437	4435	<input type="checkbox"/>			Possible water flows
KRLD	2587	4285	<input type="checkbox"/>			
FRLD	3092	3780	<input type="checkbox"/>			Possible gas
PCCF	3342	3530	<input type="checkbox"/>			
LEWS	3542	3330	<input type="checkbox"/>			
Intermediate Casing	3642	3230	<input type="checkbox"/>			7", 20 ppf, J-55, STC Casing. Circulate cement to surface.
CHRA	4272	2600	<input type="checkbox"/>			
CLFH	4997	1875	<input type="checkbox"/>	1300		Gas; possibly wet
MENF	5062	1810	<input type="checkbox"/>			Gas
PTLK	5547	1325	<input type="checkbox"/>			Gas
MNCS	5797	1075	<input type="checkbox"/>			
GLLP	6772	100	<input type="checkbox"/>			
GRHN	7497	-625	<input type="checkbox"/>			Gas possible, highly fractured
TWLS	7592	-720	<input type="checkbox"/>			Gas
CBBO	7732	-860	<input type="checkbox"/>			Gas
Total Depth	7847	-975	<input type="checkbox"/>	3000		4 1/2", 10.5 ppf, J-55, STC casing. Circulate cement a minimum of 100' inside the previous casing string. No open hole logs. Cased hole TDT with GR to surface.

Reference Wells:

Intermediate: Well Name Comments
Production: Well Name Comments

Cementing Summary
San Juan 28-7 236G (v1.0)

		OH					
		Depth	Excess				
	9-5/8" Sfc Casing	0		Class 'H' Cement	124.8 sx	Slurry Volume	215.9 cu ft
				Flocele	0.25 lb/sk		38.5 bbl
				Gel (Bentonite)	6.0% bwoc-db	Slurry Density	13.5 ppg
				CaCl2	2.0% bwoc-db	Slurry Yield	1.73 cu ft/sk
				Defoamer (if req'd)	0.05 gal/bbl	Mix Fluid	9.10 gal/sk
	9-5/8" shoe	317	100%				
	7" Lead Cement	150%		Blend	393.85 sx	Slurry Volume	1114.6 cu ft
				Class 'H' Cement	84 lb/sk		198.5 bbl
				San Juan Poz	lb/sk	Slurry Density	11.4 ppg
				Econolite	3.0% bwob	Slurry Yield	2.83 cu ft/sk
				CaCl2	bwob	Mix Fluid	17.29 gal/sk
				CFR-3	bwob		
				HR-5	bwob		
	7" Top of Tail	3,142		Silicalite-blended	10 lb/sk		
				Flocele	0.5 lb/sk		
				Defoamer (if req'd)	0.05 gal/bbl		
	7" Tail Cement	150%		Blend	173.96 sx	Slurry Volume	207.0 cu ft
				Class 'H' Cement	100% bwob		36.9 bbl
				San Juan Poz	lb/sk	Slurry Density	15.6 ppg
				Econolite	bwob	Slurry Yield	1.19 cu ft/sk
				CaCl2	1.00% bwob	Mix Fluid	5.2 gal/sk
				CFR-3	bwob		
				HR-5	bwob		
				Silicalite-blended	bwob		
				Flocele	0.25 lb/sk		
				Gilsonite	lb/sk		
				Defoamer (if req'd)	0.05 gal/bbl		
	4.5" TOC	2,642					
	7" Casing Intermediate	3,642	150%				
	4.5" Cement	50%		Blend	520.39 sx	Slurry Volume	765.0 cu ft
				Standard Cement	47 lb/sk		136.2 bbl
				San Juan Poz	37 lb/sk	Slurry Density	13.0 ppg
				Bentonite	3.00% bwob	Slurry Yield	1.47 cu ft/sk
				Halad-344	0.30% bwoc	Mix Fluid	6.4 gal/sk
				Halad-413	0.40% bwoc		
				HR-5	0.10% bwoc		
				Gilsonite	5.0 lb/sk		
				Flocele	0.25 lb/sk		
				Defoamer (if req'd)	0.05 gal/bbl		
	4-1/2" Casing Production	7,847	50%				

Note: Conoco to verify casing depths.