

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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-079298-B
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.
Contact: VICKI WESTBY E-Mail: Vicki.R.Westby@conoco.com		8. Lease Name and Well No. SAN JUAN 28-7 UNIT 128G
3a. Address 10 DESTA DR., ROOM 608W MIDLAND, TX 79705	3b. Phone No. (include area code) Ph: 915.686.5799 Ext: 5799	9. API Well No. 30 039 27001
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface NESW 1890FSL 2280FWL At proposed prod. zone SWSE 660FSL 2300FEL		10. Field and Pool, or Exploratory BLANCO MESAVERDE/BASIN DAKOTA
14. Distance in miles and direction from nearest town or post office*		11. Sec., T., R., M., or Blk. and Survey or Area Sec 12 T27N R7W Mer NMP K
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	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 7735 MD	13. State NM
21. Elevations (Show whether DF, KB, RT, GL, etc.) 6637 GL	22. Approximate date work will start	17. Spacing Unit dedicated to this well 320.00
23. Estimated duration		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 05/07/2002
Title AUTHORIZED SIGNATURE		
Approved by (Signature) /s/ David J. Mankiewicz	Name (Printed/Typed)	Date JUN 17
Title		Office

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 #9888 verified by the BLM Well Information System
For CONOCO INC., will be sent to the Farmington

BLM OPERATIONS AUTHORIZED ARE
BASED ON INFORMATION WITH ATTACHED
REQUIREMENTS.

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

** DRAFT ** DRAFT ** DRAFT ** DRAFT ** DRAFT ** DRAFT ** DRAFT **

HOLD C104 FOR Directional Survey

NM000

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

District II
PO Drawer D0, Artesia, NM 88211-0719

District III
1000 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 30-039-27001		*Pool Code 72319 / 71599		*Pool Name BLANCO MESAVERDE / BASIN DAKOTA	
*Property Code 016E08		*Property Name SAN JUAN 28-7 UNIT			*Well Number 128G
*OGRID No. 005C73		*Operator Name CONOCO, INC.			*Elevation 5637'

¹⁰ Surface Location

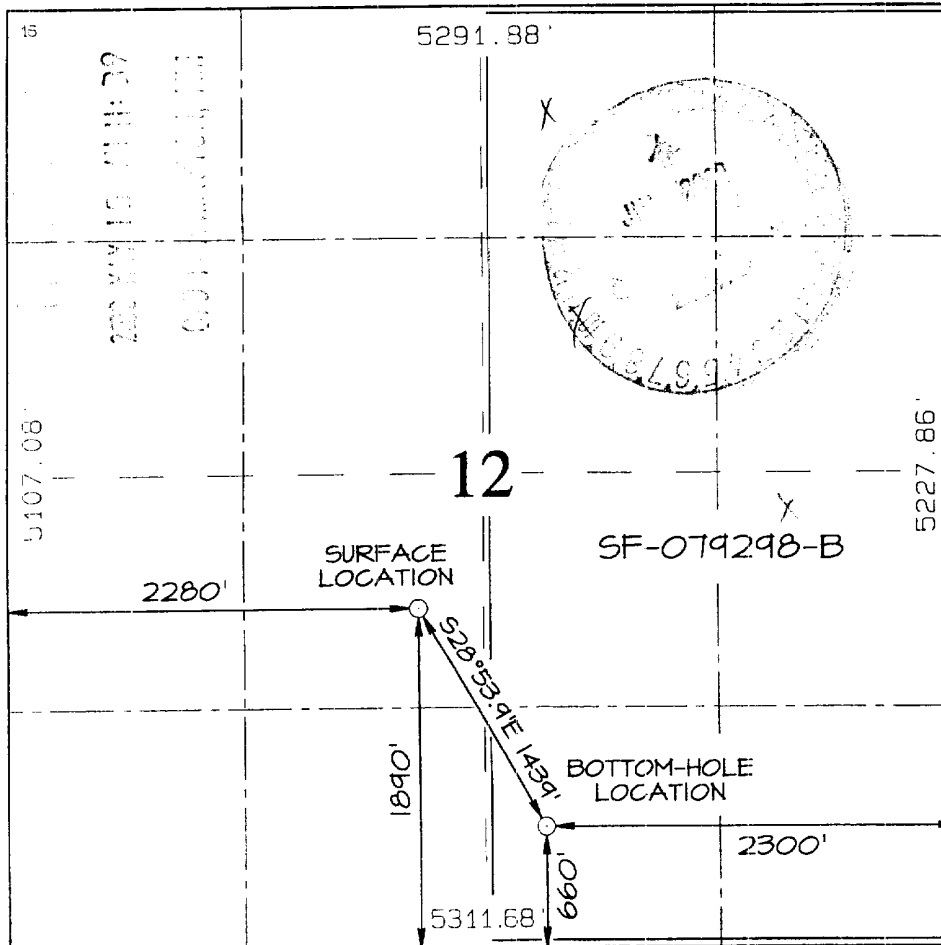
UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	12	27N	7W		1890	SOUTH	2280	WEST	RIO ARriba

¹¹ Bottom Hole Location If Different From Surface

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	12	27N	7W		660	SOUTH	2300	EAST	RIO ARriba

¹² Dedicated Acres 320.0 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



¹⁷ OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief

Vicki Westby
Signature

Vicki R. Westby

Printed Name
Sr. Title Analyst

Title
March 7, 2002
Date

¹⁸ SURVEYOR CERTIFICATION

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.

Date of Survey: MARCH 25, 2002

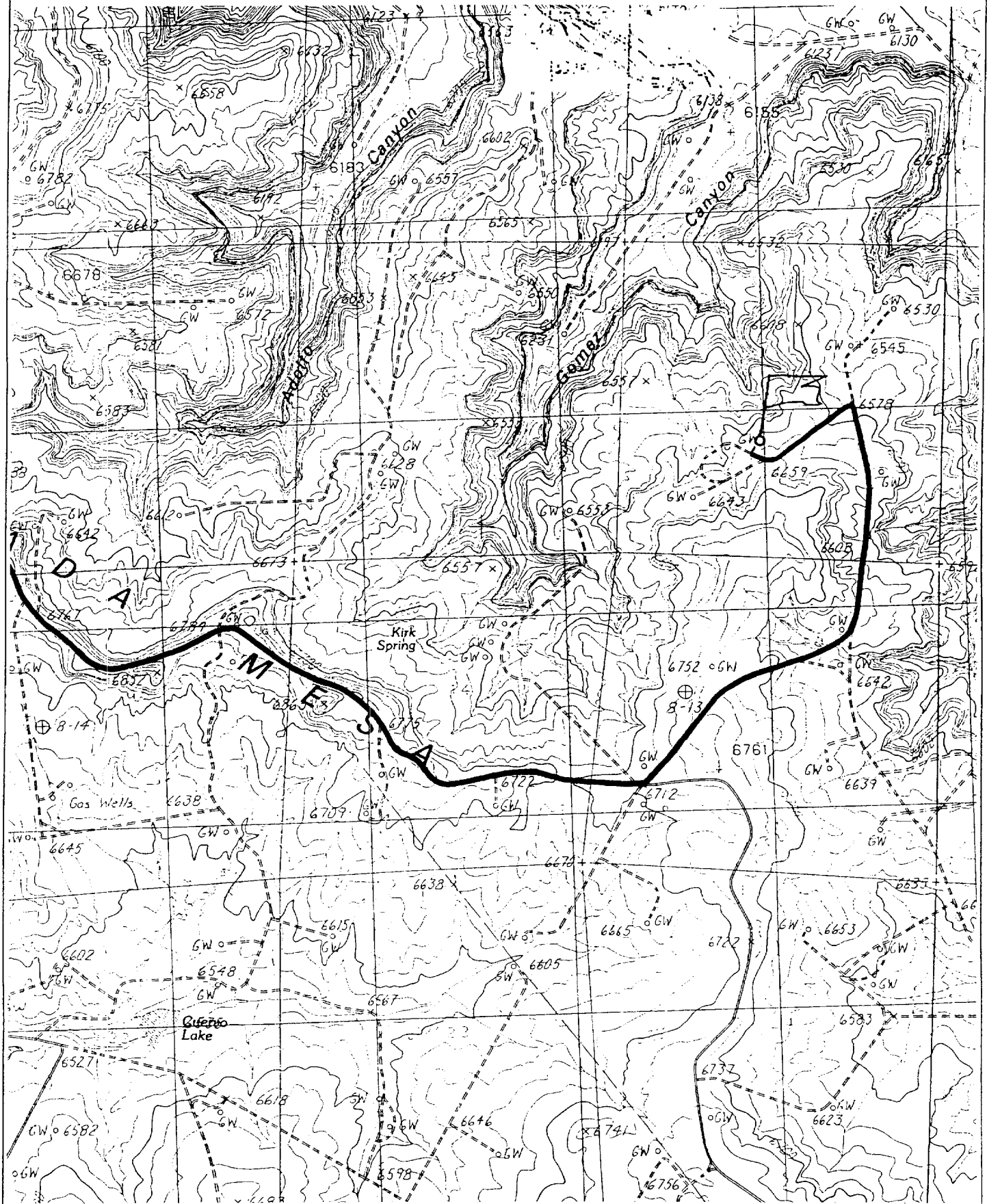
Signature and Seal of Professional Surveyor



JASON C. EDWARDS
Certificate Number 15269

CONOCO, INC. SAN JUAN 28-7 UNIT #1286

1890' FSL & 2280' FWL, SECTION 12, T27N, R7W, N.M.P.M.
RIO ARriba COUNTY, NEW MEXICO



DRILLING PROGRAM - SAN JUAN 28-7 128G



San Juan Business

Unit

Well: SAN JUAN 28-7 128G Area: EAST AFE #: AFE \$: 455465.7

Field Name: EAST 28-7 Rig: Key 43 State: NM County: RIO ARRIBA API #:

Location: Bottom Hole

Lat.: 36.583582 Long: -107.523926 Footage X: 2300 FEL Footage Y: 660 FSL Sec.: 12 Survey: 27N Abstract: 7W

ERA (Emergency Response Area):

Lat: Long: *"Air Drilled"*

Formation Data : Ground Level = FT Assume KB = 6650 FT

Formation Call & Casing Points	Depth (TVD in Ft)	BHP (PSIG)	BHT	Remarks
Surface Casing	200			Severe lost circulation is possible. 9 5/8", 36 ppf, J-55, STC casing. Circulate cement to surface.
OJAM	2500			Possible water flows
KRLD	2625			
FRLD	2980			Possible gas
PCCF	3230			
LEWS	3430			
Intermediate Casing	3530			7", 20 ppf, J-55, STC Casing. Circulate cement to surface.
CLFH	4875			Gas; possibly wet
MENF	4985			Gas
PTLK	5425			Gas
MINCS	5850			
GLLP	6705			
GRHN	7385			Gas possible, highly fractured
TWLS	7475			Gas
CBBO	7610			Gas
Total Depth	7735			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.

Logging Program :

Intermediate Logs: ☐ Log only if show ☐ GR / ILD ☐ Triple Combo ☐ Other

TD Logs: ☐ Triple Combo ☐ Dipmeter ☐ RFT ☐ Sonic ☐ VSP ☒ TDT ☐ Other

Additional Information:

Comments

Cathodic Protection System Description

Anode Bed Type	Deep Well	
Hole Size	8"	
Hole Depth	200' - 500'	As required to place anodes below moisture and in low resistance strata.
Surface Casing	8" Diam., \geq 20' Length. Cemented In Annular Space	When needed, casing will be installed at an adequate depth to control ground water flow. Casing will extend a minimum of 2' above grade, be surrounded by a concrete pad, and sealed with a PVC cap. Steel casing will be substituted when boulders are encountered.
Vent Pipe	1" Diam. PVC	Vent pipe will extend from bottom of hole, through top of casing cap, and sealed with a 1" perforated PVC cap.
Type Of Anodes	Cast Iron Or Graphite	
Number Of Anodes	8 - 20	Sufficient quantity to achieve a total anode bed resistance of < 1 ohm and a design life \geq 20 years.
Anode Bed Backfill	Loreco SW Calcined Petroleum Coke Breeze	Installed from bottom of hole to 10' above top anode.
Anode Junction Box	8 - 20 Circuit Fiberglass Or Metal	Sealed to prevent insect & rodent intrusion.
Current Splitter Box	2 - 5 Circuit Metal	Sealed to prevent insect & rodent intrusion.
DC / AC Cable	DC: #2, #4, #6, #8 Stranded Copper (One Size Or Any Combination Of) With High Molecular Weight Polyethylene (HMWPE) Insulation. AC: #8 Stranded Copper HMWPE	18" depth in typical situation, 24" depth in roadway, & 36" depth in arroyos and streams. EXCEPTION: If trenching is in extremely hard substratum, depth will be 8 - 12" with cable installed in conduit. Installed above foreign pipelines if 1' clearance is available. If not, installed under foreign pipeline with 1' clearance (AC cable always installed under foreign pipeline in conduit).
Power Source	1) Rectifier 2) Solar Power Unit 3) Thermoelectric Generator	Choice of power source depending on availability of AC & other economic factors.
External Painting	Color to be selected according to BLM specifications.	Paint applied to any surface equipment associated with the CP system which can reasonably be painted.