

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-078565
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 260F
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 27054
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NWSE 2490FSL 1595FEL 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 5 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	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 7722 MD	13. State NM
21. Elevations (Show whether DF, KB, RT, GL, etc.) 6699 GL	22. Approximate date work will start	17. Spacing Unit dedicated to this well 319.90 E/2
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:

- | | |
|---|--|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan | 5. Operator certification |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. 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 07/19/2002
Title AUTHORIZED SIGNATURE		
Approved by (Signature) <i>Jim Lovato</i>	Name (Printed/Typed) JIM LOVATO	Date 10/8/02
Title <i>Petro. Eng.</i>	Office BLM-FFO	

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 #12913 verified by the BLM Well Information System
For CONOCO INC., 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 ** ORIGINAL ** ORIGINAL **

NMOCD

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

District II
PO Drawer 00, 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 30-039-27054		*Pool Code 72319 / 71599	*Pool Name BLANCO MESAVERDE / BASIN DAKOTA
*Property Code 016608	*Property Name SAN JUAN 28-7 UNIT		*Well Number 260F
*GRID No. 005073	*Operator Name CONOCO, INC.		*Elevation 6699'

¹⁰ Surface Location

UL or lot no. J	Section 5	Township 27N	Range 7W	Lot Idn	Feet from the 2490	North/South line SOUTH	Feet from the 1595	East/West line EAST	County RIO ARriba
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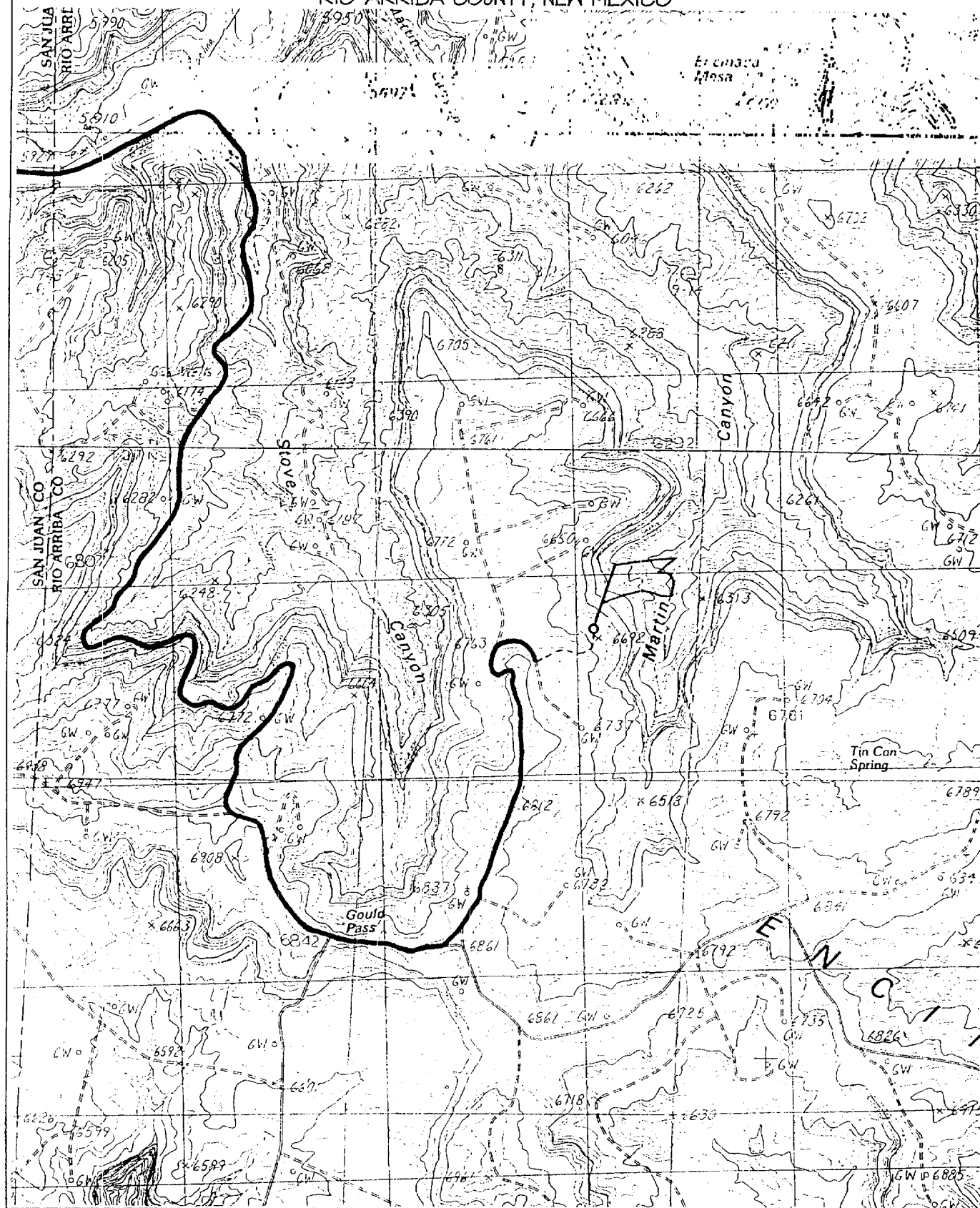
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Dedicated Acres 319.90 Acres - (E/2)					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 NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	<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> Signature Vicki R. Westby Printed Name Sr. Title Analyst Title June 27, 2002 Date</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: MAY 29, 2002</p> <p>Signature and Seal of Professional Surveyor</p> <p> JASON C. EDWARDS Certificate Number 15269</p>

CONOCO, INC. SAN JUAN 28-7 UNIT #260F
2490' FSL & 1595' FEL, SECTION 5, T27N, R7W, N.M.P.M.
RIO ARriba COUNTY, NEW MEXICO



DRILLING PROGRAM - SAN JUAN 28-7 260F

conoco

San Juan Business Unit

Well: SAN JUAN 28-7 260F Area: EAST AFE #: 4230/4231 AFE \$: 339838.25

Field: EAST 28-7 Rig: Key 43 State: NM County: Rio Arriba API:

Location: Surface

Lat: 36.602530 Long: -107.59264 Footage X: 1595 FEL Footage: 2490 FSL Sec.: 5 Survey: 27N Abstract: 7W

ERA (Emergency Response Area):

Lat: Long: *"Air Drilled"*

Formation Data Ground Level 6699 FT Assume KB 6712 FT

Formation Cal: && Casing Points	Depth (TVD in Ft)	BHP (PSIG)	BHT	Remarks
Surface Casing	209			Severe lost circulation is possible. 9 5/8", 36 ppf, J-55, STC casing. Circulate cement to surface.
OJAM	2337			Possible water flows
KRLD	2487			
FRLD	2987			Possible gas
PCCF	3237			
LEWS	3437			
Intermediate Casing	3537			7", 20 ppf, J-55, STC Casing. Circulate cement to surface.
CHRA	4182			
CLFH	4897	1300		Gas
MENF	4992			Gas
PTLK	5477			Gas
MNCS	5777			
GLLP	6697			
GRHN	7372			Gas possible, highly fractured
TWLS	7452			Gas
CBBO	7602			Gas
Total Depth	7722	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.

Logging Program :

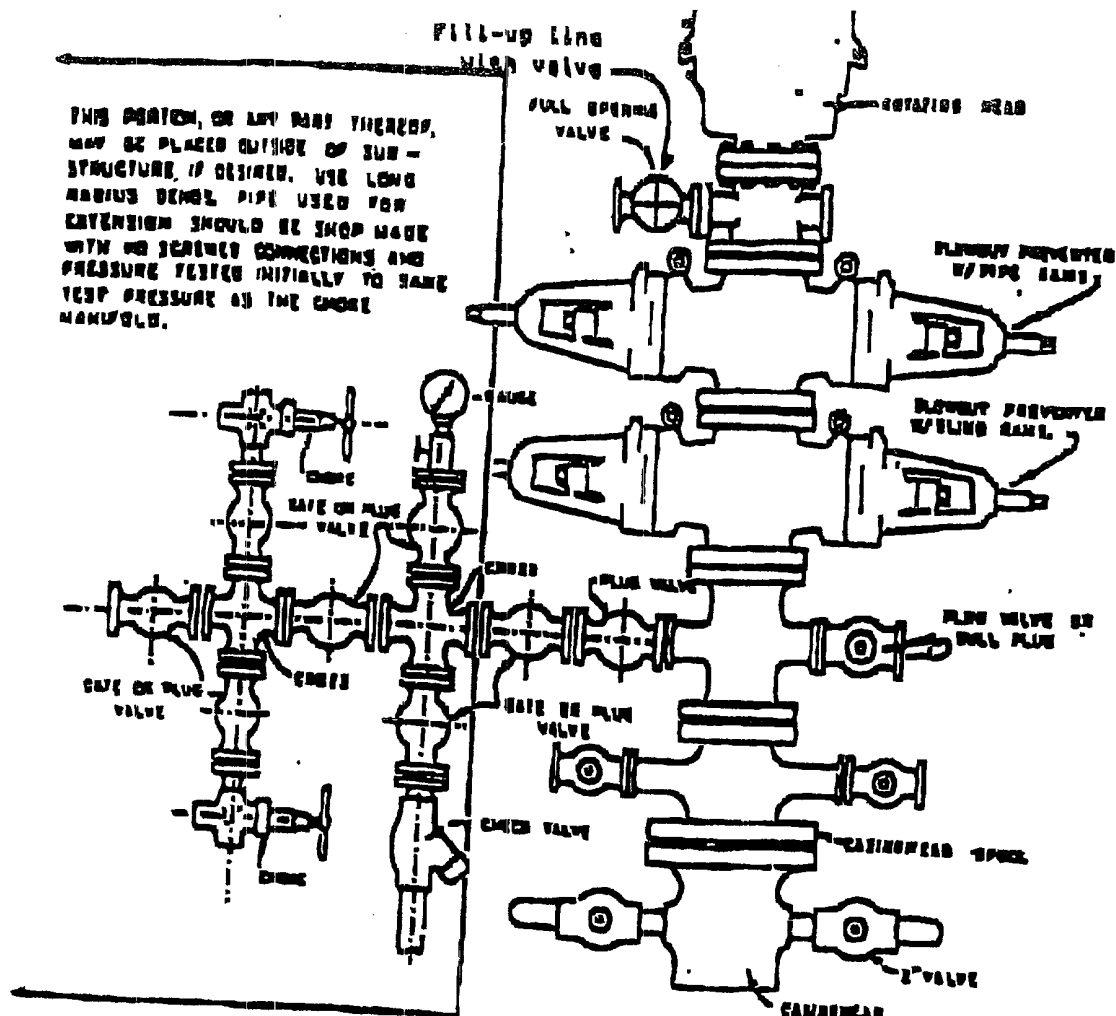
Intermediate Logs: ☐ Log only if show ☐ GR / ILD ☐ Triple Combo ☐ Other

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

Additional Information:

Comments:

Printed On: 07/19/2002 7:49:46 AM



BLOWOUT PREVENTER HOOKUP

Drilling contractors used in the San Juan Basing supply 3000 psi equipment, but cannot provide annular preventers because of sub-structure limitations. Maximum anticipated surface pressures for this well will not exceed the working pressure of the proposed BOP system. Please see the attached BOP diagram details 2000 psi equipment according to Onshore Order No. 2 even though the equipment will test to 3000 psi. The 2000 psi system allows deletion of the annular preventer and fulfills your requirements (note diagram No. 1). In addition, the following equipment will comprise the 2000 psi system:

1. Two rams with one blind and one pipe ram.
2. Kill line (1 inch maximum).
3. One kill line valve.
4. One choke line valve.
5. Two chokes (reference diagram No. 1).
6. Upper kelly cock valve with handle.
7. Safety valve and subs to fit all drill strings in use.
8. Two-inch minimum choke line.
9. Pressure gauge on choke manifold.
10. Fill-up line above the upper most preventer.
11. Rotating head.



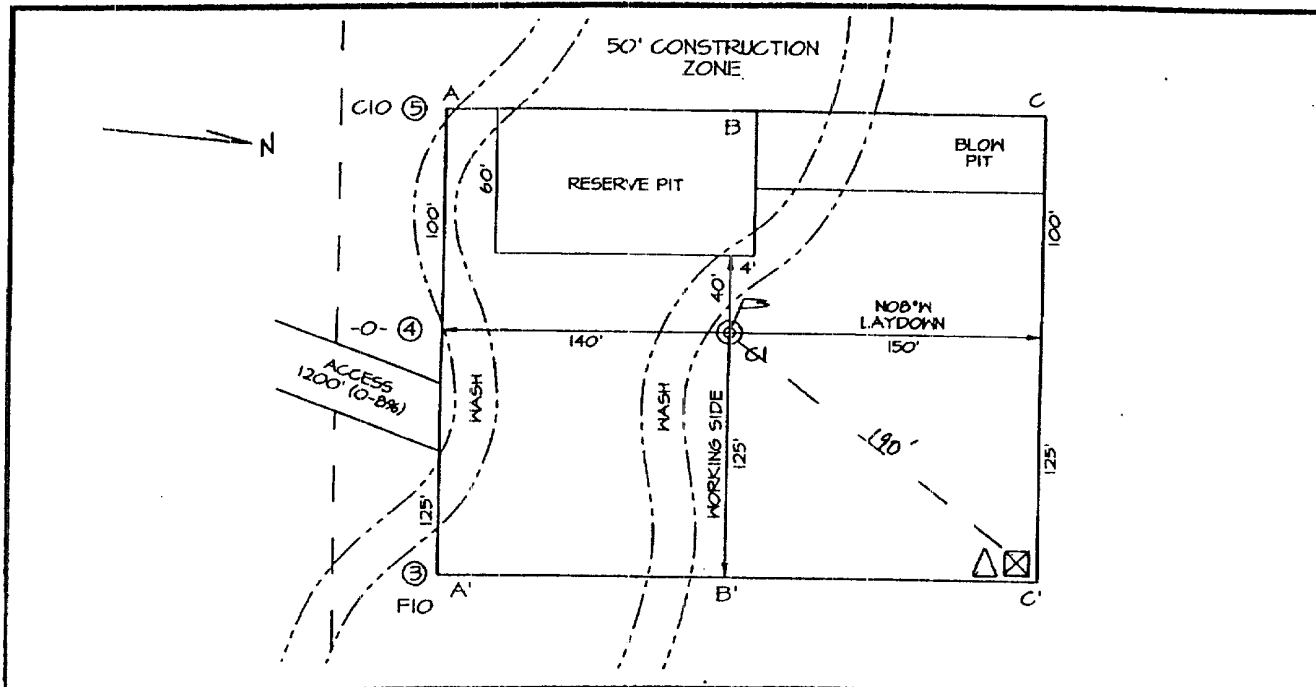
TIERRA CORROSION CONTROL

Cathodic Protection

CATHODIC PROTECTION PLAN FOR NEW WELL

WELL NAME: S.J. 28-7*260F LEGALS: J-5-27-7 COUNTY: R.A.

PURPOSED C.P. SYSTEM: DRILL NEW G.B. & SET SOLAR ON N.E. CORNER OF LOCATION. ALSO
TRENCH @ 140' * 6" NEG FROM SOLAR TO W.H.



EXISTING WELLHEAD	METER HOUSE	G.B.	POWER SOURCE	CABLE	NEW WELL	O.H. A.C.	CIRCUIT DIVIDER BOX

COMMENTS: ALL WORK WILL BE DONE ON WELL PAD.

THIS CATHODIC PROTECTION SYSTEM HAS BEEN PROPOSED TAKING ITS SURROUNDINGS INTO CONSIDERATION TO BEST FIT ITS PURPOSE. ALSO, POWER SOURCE AND GROUND BED TO BE PLACED OUT AND AWAY FROM ANY OBSTACLES WHICH MAY CONFLICT WITH IT AND VISE-VERSA.

TECHNICIAN: [Signature]

DATE: 10-7-02

Rocky Mountain Regional Headquarters

1608 Schofield Lane • Farmington, New Mexico 87401
Office: 505-326-0272 • Fax: 505-326-6755