

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

District II  
811 South First, Artesia, NM 88210

District III  
1000 Rio Brazos Rd., Aztec, NM 87410

District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-101

Revised October 18, 1994

Instructions on back

Submit to Appropriate District Office

State Lease - 6 Copies

Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

Operator Name and Address Doyle Hartman 500 No. Main St. Midland, TX 79701 (915) 684-4011		OGRID Number 6473
Property Name RW Cowden "B"		API Number 30-025-34516
Property Code 5041	Well No. 4	

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West Line	County
L	30	23S	37E	3	1650	South	660	West	Lea

Proposed 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
Proposed Pool 1					Proposed Pool 2				
Jalmat (Tansill - Yates - Seven Rivers) Gas									

Work Type Code N	Well Type Code G	Cable/Rotary R	Lease Type Code P	Ground Level Elevation 3352
Multiple No	Proposed Depth 3550	Formation Yates-7R	Contractor Patterson	Spud Date 10-08-98

Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12 1/4"	9 5/8"	36 #/ft	450	350 sx	circ.
8 3/4"	7"	26 #/ft	3550	700 sx	circ.

"Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Before drilling out from under 9 5/8" O.D. casing, well will be equipped with a Hydril and 3000-psi series-900 double-ram hydraulic BOP.

If necessary, cement volumes will be adjusted to ensure that cement behind all strings will be circulated.

Approval for drilling only -- CANNOT produce until Non-Standard Proration is approved in Santa Fe.

"I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature: 

Printed name: Steve Hartman

Title: Engineer

OIL CONSERVATION DIVISION

Approved By: ORIGINAL SIGNED BY: JENNIE WILLIAMS  
DISTRICT I, SANTA FE, NM

Title:

Approval Date: OCT 20 1998

Expiration Date:

Permit Expires 1 Year From Approval  
Date Unless Drilling Underway

dc  
dn

10-1 must p+ A cowden "B" #1 before production of Cowden "B" #1

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88241-1980

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised February 10, 1994  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88211-0710

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV  
P.O. BOX 2088, SANTA FE, N.M. 87504-2088

OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-34516	Pool Code 79240	Pool Name Jalmat (Tansill-Yates-Seven River) Gas Pool
Property Code 5041	Property Name Cowden B	Well Number 4
OGHD No. 6473	Operator Name DOYLE HARTMAN	Elevation 3352'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
3	30	23 S	37 E		1650	SOUTH	660	WEST	LEA

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
Dedicated Acres 75.78	Joint or Infill N*	Consolidation Code O (JOA)	Order No. 75.78 Acre P.U. Approved by Order R-441 (4/16/54)						

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>LOT 1 37.81 AC.</p> <p>LOT 2 37.85 AC.</p> <p>LOT 3 37.87 AC.</p> <p>LOT 4 37.91 AC.</p> <p>EXISTING WELL AND 80-ACRE P.U. Cowden "B" No. 1* 2110' FSL &amp; 990' FWL (L) Sec. 30., T-23-S, R-37-E (R-441/4-16-54)</p> <p>PROPOSED WELL Cowden "B" No. 4 1650' FSL &amp; 1660' FWL (L) Section 30, T-23-S, R-37-E</p> <p>660'</p> <p>1650'</p>	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Steve Hartman</i> Signature</p> <p>Steve Hartman Printed Name</p> <p>Engineer Title</p> <p>10/5/98 Date</p> <p>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>OCTOBER 1, 1998</p> <p>Date Surveyed Signature &amp; Seal of Professional Surveyor RONALD EDSON 10/14/98 98-11-1339</p> <p>Certificate No. RONALD EDSON 3239 GARY EDSON 12641</p>
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\*Note: Cowden "B" No. 1 to be plugged and abandoned upon completion and connection of Cowden "B" No. 4.

900 ft.  
 87 ft. 10 in.

