

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesa, 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-101
Revised February 10, 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: UMC Petroleum Corporation 410 17th Street, Suite 1400 Denver, Colorado 80202		OGRID Number 23654
		API Number 30-025-34150
Property Code 20032	Property Name Townsend State	Well No. 4

7 Surface Location

UL or lot no.	Section	Township	Range	Lot Ids	Feet from the	North/South line	Feet from the	East/West line	County
W (23)	2	16S	35E		400	South	1500	East	Lea

8 Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ids	Feet from the	North/South line	Feet from the	East/West line	County
Proposed Pool 1 Strawn (Big Dog South) #96690					Proposed Pool 2 Wolfcamp				

Work Type Code N	Well Type Code O	Cable/Rotary R	Lease Type Code State	Grossed Level Elevation 3982'
Multiple NO	Proposed Depth 11,900'	Formation Strawn	Contractor	Spud Date Upon Approval

21 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17-1/2"	13-3/8"	48#	400'	400	Surf.
12-1/4"	8-5/8"	32#	4800'	1950	Surf.
7-7/8"	5-1/2"	17#	11,900'	850	7600'

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.

UMC Petroleum Corporation proposes to drill and complete the well into the Strawn Formation. If the zone is economically productive, it will be completed for production. If that zone is non-productive, the Wolfcamp zone up-hole will be tested. If the well is non-productive, it will be plugged and abandoned according to Commission instructions. The site will be re-seeded and re-claimed.

BOP Program: Blowout preventer, 12" 3000# type "E" double ram. 12" 3000# GK, 180 gallon five station electric, 4" 3000# manifold.

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

Signature: 
Printed name: Scott M. Webb
Title: Regulatory Coordinator
Date: 7/31/97
Phone: (303) 573-4721

OIL CONSERVATION DIVISION

Approved by: 
Title: Paul Kautz
Geologist
Approval Date: OCT - 8 1997
Expiration Date:
Conditions of Approval:
Attached ☐

Permit Expires 1 Year from Approval
Date Unless Drilling Underway

C-101 Instructions
Measurements and dimensions are to be in feet/inches. Well locations will refer to the New Mexico Principal Meridian.

THIS IS AN AMENDED REPORT CHECK THE BOX LABELED
AMENDED REPORT AT THE TOP OF THIS DOCUMENT.

18	Geologic formation at TD	19	Name of the intended drilling company if known.	20	Anticipated spud date.	21	Proposed hole size ID inches, proposed casing OD inches, casing weight in pounds per foot, setting depth of the casing or depth and top of liner, proposed cementing volume, and estimated top of cement	22	Brief description of the proposed drilling program and BOP program. Attach additional sheets if necessary.	23	The signature, printed name, and title of the person authorized to make this report. The date this report was signed and the telephone number to call for questions about this report.	7	The surveyed location of this well New Mexico Principal Meridian NOTE: If the United States government survey designates a lot number for this location use that number in the 'UL or lot no.' box. Otherwise use the OCD Unit letter.	8	The proposed bottom hole location of this well at TD	9 and 10	The proposed poole(s) to which this well is being drilled.	11	Well type code from the following table: N New well E Re-entry D Drill deeper P Plugback A Add a zone	12	Well type code from the following table: O Single oil completion G Single gas completion M Multiple completion I Injection well S SVD well W Water supply well C Carbon dioxide well	13	Cable or rotary drilling code C Propose to cable tool drill R Propose to rotary drill	14	Lease type code from the following table: F Federal S State P Private N Navajo J Navajo U Ute I Other Indian tribe	15	Ground level elevation above sea level	16	Intend to multiple complete? Yes or No	17	Proposed total depth of this well
----	--------------------------	----	---	----	------------------------	----	--	----	--	----	--	---	--	---	--	----------	--	----	--	----	---	----	---	----	---	----	--	----	--	----	-----------------------------------