

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Form C-101
Revised March 17, 1999

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

¹ Operator Name and Address H.L. Brown Operating L.L.C. 300 West Louisiana, Midland, Texas 79702		² OGRID Number 213179
		³ API Number 30 - 025 - 36220
³ Property Code 32104	⁵ Property Name State Com "9"	⁶ Well No. 1

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	9	15-S	32-E		1650'	North	990'	East	Lea

⁸ 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

⁹ Proposed Pool 1 Feather; Morrow, North (gas) - 96195	¹⁰ Proposed Pool 2 Anderson Ranch Wolfcamp, North - 1920
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¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary Rotary	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 54303
¹⁶ Multiple No	¹⁷ Proposed Depth 12,800	¹⁸ Formation Morrow	¹⁹ Contractor Patterson	²⁰ Spud Date 04/06/03



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#, H-40	550'	500	Circulated
12-1/4"	8-5/8"	32#, J-55	4,150'	1400	Circulated
7-7/8"	5-1/2"	17& 20#, N-80	12,800'	1950	Circulated

²² 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.

Drill and complete well in Morrow at a projected TD of 12,800'. A BOP schematic is attached and a 5000 psi tree will be nipped up prior to perforating. A DV tool may be used if zones above the Wolfcamp are prospective. The Morrow will be completed with thru-tubing or tubing conveyed guns. Will notify NMOCD in sufficient time to witness cementing the surface and intermediate casing.

Permit Expires 1 Year From Approval
Date Unless Drilling Underway

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: 		OIL CONSERVATION DIVISION	
Printed name: Robert T. McNaughton		Approved by: 	
Title: Operations Engineer		Title: PETROLEUM ENGINEER	
Date: 3-11-03		Approval Date: MAR 17 2003	Expiration Date:
Phone: 915 - 688 - 3726		Conditions of Approval: Attached <input type="checkbox"/>	

WELLHEAD BLOWOUT CONTROL SYSTEM

Worksheet supplement for "Application for Permit to Drill or Deepen a Well".

Applicant

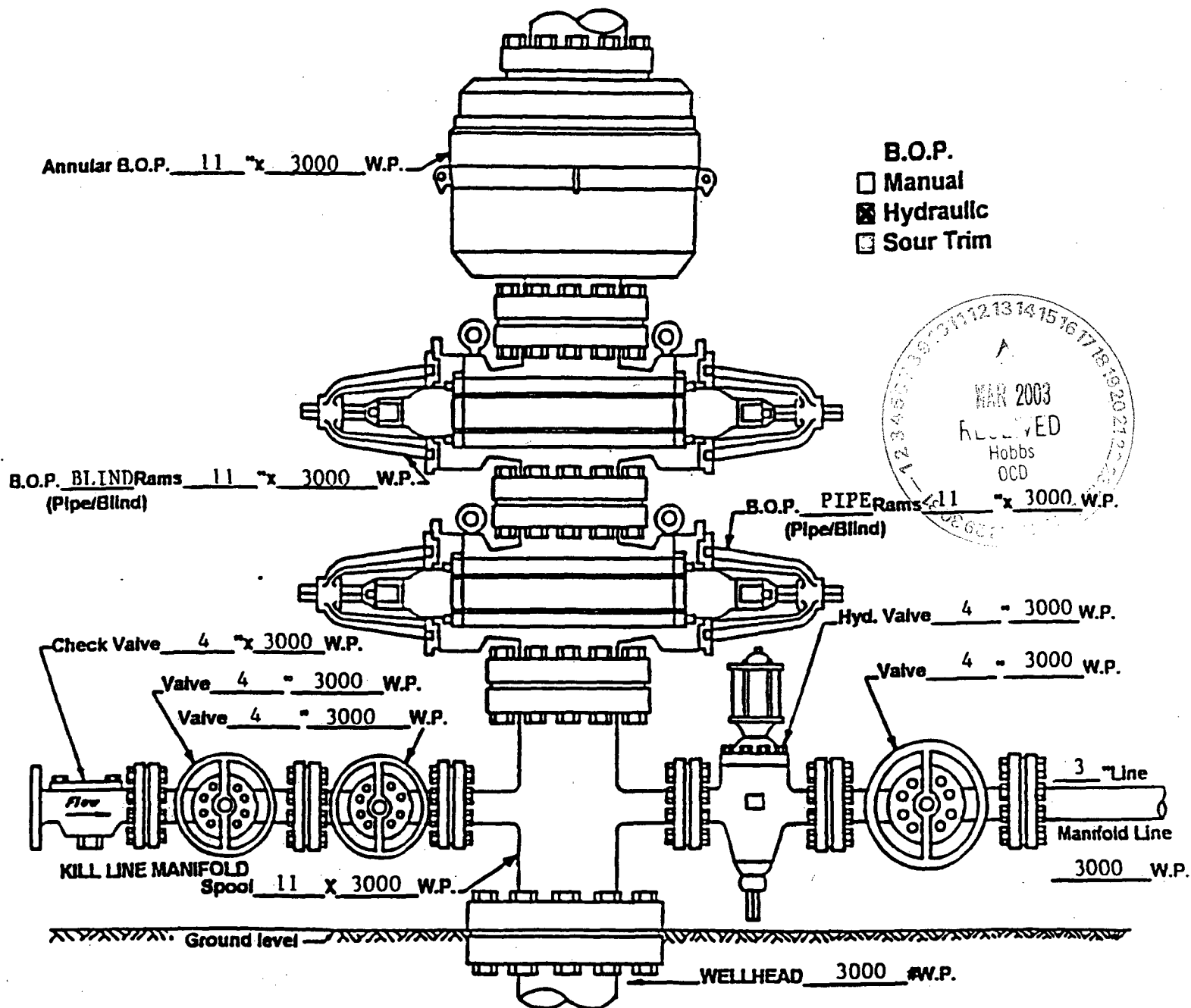
H.L. Brown Operating L.L.C

Well name and number

State Com "9" No. 1

Location

(H) 1650' FNL & 990' FEL, Sec 9, 15-S, 32-E, Lea County, NM



Fill blanks with applicable information. If not applicable, enter "N.A." or cross-out item shown. Enter other pertinent information below.

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-102
Revised October 18, 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

¹ API Number 30-025-36220	² Pool Code 96195	³ Pool Name North Feather - Morrow Gas
⁴ Property Code 32104	⁵ Property Name State Com "9"	⁶ Well Number 1
⁷ OGRID No. 213979	⁸ Operator Name H. L. Brown Operating, L.L.C.	⁹ Elevation 4303'

¹⁰ Surface Location

UL or lot no. H	Section 9	Township 15-S	Range 32-E	Lot Idn	Feet from the 1650	North/South line North	Feet from the 990	East/West line East	County Lea
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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 320	¹³ Joint or Infill	¹⁴ Consolidation Code C	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

¹⁶ <p>H. L. Brown Operating, L.L.C. State Com "9" Lease</p>	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature Robert McNaughton Printed Name Operations Engineer Title 3-11-03 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. February 24, 2003 Date of Survey Signature and Seal of Professional Surveyer Max A. Schumann, Jr. Certificate 1510 Certificate Number Job No. 67,896	

NEW MEXICO STATE LAND OFFICE

CERTIFICATE OF APPROVAL

COMMISSIONER OF PUBLIC LANDS, STATE OF NEW MEXICO

H.L. Brown Operating, L.L.C.
State Com 9 Well No. 1
Lea County, New Mexico
N2, Section 9, Township 15 South, Range 32 East
Morrow

There having been presented to the undersigned Commissioner of Public Lands of the State of New Mexico for examination, a Communitization Agreement for the development and operation of acreage which is described within the referenced agreement, dated February 1, 2003 which has been executed, or is to be executed by parties owning and holding oil and gas leases and royalty interests in and under the property described, and upon examination of said agreement, the Commissioner finds:

- (a) That such agreement will tend to promote the conservation of oil and gas and the better utilization of reservoir energy in said area.
- (b) That under the proposed agreement, the State of New Mexico will receive its fair share of the recoverable oil or gas in place under its lands in the area.
- (c) That each beneficiary institution of the State of New Mexico will receive its fair and equitable share of the recoverable oil and gas under its lands within the area.
- (d) That such agreement is in other respects for the best interests of the State, with respect to state lands.

NOW, THEREFORE, by virtue of the authority conferred upon me under Sections 19-10-45, 19-10-46, 19-10-47, New Mexico Statutes Annotated, 1978 Compilation, I, the undersigned Commissioner of Public Lands of the State of New Mexico, for the purpose of more properly conserving the oil and gas resources of the State, do hereby consent to and approve the said agreement, and any leases embracing lands of the State of New Mexico within the area shall be and the same are hereby amended to conform with the terms thereof, and shall remain in full force and effect according to the terms and conditions of said agreement. This approval is subject to all of the provisions of the aforesaid statutes.

IN WITNESS WHEREOF, this Certificate of Approval is executed, with seal affixed, this 3rd day of March, 2003.


COMMISSIONER OF PUBLIC LANDS
of the State of New Mexico

