

District I
1625 N French Dr., Hobbs, NM 88240
District II
1301 W Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Form C-101
June 16, 2008

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit to appropriate District Office

☐ AMENDED REPORT

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

¹ Operator Name and Address John H. Hendrix Corporation P. O. Box 3040 Midland, TX 79702-3040		² OGRID Number 012024
		³ API Number 30 - 025-11121
⁴ Property Code 005206	⁵ Property Name New Mexico AB State	⁶ Well No 1
⁹ Proposed Pool 1 Fowler Tubb NORTH (97325)		¹⁰ Proposed Pool 2

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	16	24S	37E		1980	NORTH	660	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

Additional Well Information

¹¹ Work Type Code	¹² Well Type Code O	¹³ Cable/Rotary	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3400' RDB
¹⁶ Multiple	¹⁷ Proposed Depth	¹⁸ Formation Fowler Ellenburger	¹⁹ Contractor	²⁰ Spud Date

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
		NC			

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.

- 1 POOH w/ tbg.
2. GIH w/CIBP and set @ 6600' to ZA Ellenburger zone. Run GR Collar Comp Neutron log from 6600-4800'.
3. Perf Fowler-Tubb zone 6000-6250'. GIH w/ pkr and set @ 5950'. Acidize Tubb zone w/3000 gal 15% HCl Swab back acid until clean fluid.
4. GIH w/ prod equipment.
- 5 Test well. Will frac well when frac company is available.

HOBBS OCD

**Permit Expires 2 Years From Approval
Date Unless Drilling Underway
plugback**

MAR 09 2012

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Carolyn Doran Haynes

Printed name: Carolyn Doran Haynes

Title: Engineer

E-mail Address: cdoranhaynes@jhhc.org

Date: 03-08-2012

Phone: 432-684-6631

OIL CONSERVATION DIVISION

Approved by:

[Signature]

Title

PETROLEUM ENGINEER

Approval Date:

Expiration Date:

APR 05 2012

Conditions of Approval Attached ☐

APR 05 2012

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised October 12, 2005
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies
MAR 09 2012
☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION RECEIVED

¹ API Number 30-025-11121		² Pool Code 77120 97325		³ Pool Name Fowler Tubb, NORTH	
⁴ Property Code 005206		⁵ Property Name New Mexico AB State			⁶ Well Number 1
⁷ OGRID No. 012024		⁸ Operator Name John H. Hendrix Corporation			⁹ Elevation 3280' RDB

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
H	16	24S	37E		1980	North	660	East	Lea

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 40	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.

<div style="text-align: center;"> </div>	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature: <u>Carolyn Doran Haynes</u> Date: <u>3/8/12</u> Carolyn Doran Haynes Printed Name	
	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 Signature and Seal of Professional Surveyor	
	Certificate Number	

New Mexico AB State #1

1980' FNL & 660' FeL, Sec 16, T24S, R37E, Lea County, New Mexico

UL H

17" hole

RDB is 3280'; GL is 3265'

13 3/8" 48# csg @ 403' cmt w/ 500 sx

Perf 1370' w/450 sx
Orig TOC 1380' TS

API # 30-025-11121
OGRID # 012024

11" hole

8 5/8" 29.75# csg @ 3748' cmt w/1900 + 450 sx
Cmt @ surface

TOC of 5 1/2" @ 3755' TS

HOBBS OCD

MAR 09 2012

7 7/8" hole

Proposed

Put well on pump

Perf Fowler Tubb @ 6000-6250'

Set CIBP @ 6600'

RECEIVED

DV tool @ 10142'

Mod D Pkr @ 10,110'
Perfs @ 10290-10,316'

CIBP @ 10,325' perfs @ 10354-10444' sq w/192 sx
Pkr @ 10,470' w/ cmt @ 10458' perfs @ 10490-10520'
Ret @ 10,542' perfs @ 10548-10568' sq w/54 sx
Ret @ 10,594' perfs @ 10610-10640' sq w/32 sx
5 1/2" 20#, 17#, 15.5# csg @ 10,762' w/130 + 850 sx

TD=10762' PB=10681'

Drawn	BY	John H. Hendrix Corporation 110 North Marienfeld Suite 400 Midland, TX 79702	NM AB State #1 1980' FNL & 660' FEL SEC 16, T24S, R37E Lea County New Mexico
1952-1975	Humble		