

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-101
August 1, 2011
Permit 254487

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

1. Operator Name and Address H L BROWN OPERATING, LLC P.O. Box 2237 Midland , TX 79702		2. OGRID Number 213179
4. Property Code 321645		3. API Number 30-041-20981
5. Property Name PERKINS		6. Well No. 002

7. Surface Location

UL - Lot D	Section 10	Township 08S	Range 37E	Lot Idn D	Feet From 660	N/S Line N	Feet From 660	E/W Line W	County Roosevelt
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8. Proposed Bottom Hole Location

UL - Lot D	Section 10	Township 08S	Range 37E	Lot Idn D	Feet From 660	N/S Line N	Feet From 660	E/W Line W	County Roosevelt
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9. Pool Information

WC-041 G-06 S083710D:GRANITE WASH	98289
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Additional Well Information

11. Work Type New Well	12. Well Type OIL	13. Cable/Rotary	14. Lease Type Private	15. Ground Level Elevation 4045
16. Multiple N	17. Proposed Depth 9250	18. Formation Granite Wash	19. Contractor	20. Spud Date 9/15/2018
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

☒ We will be using a closed-loop system in lieu of lined pits

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	48	350	350	0
Int1	11	8.625	24	3750	1000	0
Prod	7.875	5.5	15.5	9250	1000	3500

Casing/Cement Program: Additional Comments

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22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	3000	3000	
Pipe	3000	3000	
Blind	3000	3000	

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify I have complied with 19.15.14.9 (A) NMAC <input checked="" type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input type="checkbox"/> , if applicable. Signature:	OIL CONSERVATION DIVISION
Printed Name: Electronically filed by Sheryl Curtiss	Approved By: Paul F Kautz
Title:	Title: Geologist
Email Address: scurtiss@hlboperating.com	Approved Date: 7/13/2018 Expiration Date: 7/13/2020
Date: 7/10/2018 Phone: 432-688-3722	Conditions of Approval Attached

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Form C-102
August 1, 2011
Permit 254487

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(s) 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.

E-Signed By: Sheryl Curtiss

Title:

Date: 7/10/2018

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.

Surveyed By: Gary Jones

Date of Survey: 6/13/2018

Certificate Number: 7977

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Santa Fe, NM 87505

Form APD Comments

Permit 254487

PERMIT COMMENTS

Operator Name and Address: H L BROWN OPERATING, LLC [213179] P.O. Box 2237 Midland , TX 79702		API Number: 30-041-20981
		Well: PERKINS #002
Created By	Comment	Comment Date
scurtiss	Intermediate Casing Weight is 24 and 32 lbs./ft. Production Casing Weight is 15.5 and 17 lbs./ft.	7/6/2018

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Form APD Conditions
 Permit 254487

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: H L BROWN OPERATING, LLC [213179] P.O. Box 2237 Midland , TX 79702	API Number: 30-041-20981
	Well: PERKINS #002

OCD Reviewer	Condition
pkautz	Will require a deviation survey with the C-104 Add
pkautz	1) SURFACE & INTERMEDIATE CASING - Cement must circulate to surface -- 2) PRODUCTION CASING - Cement must tie back into intermediate casing --
pkautz	If cement does not circulate to surface, must run temperature survey or other log to determine top of cement
pkautz	Surface casing must be set 25' below top of Rustler Anhydrite in order to seal off protectable water
pkautz	It is the operator's responsibility to monitor cancellation dates of approved APDs. APD's are good for 2 years and may be extended for one year. Only one 1 year extension will be granted if submitted by C-103 before expiration date. After expiration date or after a 1 year extension must submit new APD.
pkautz	Stage Tool - 1) Must notify OCD Hobbs Office prior to running Stage Tool at 575-370-3186 2) If using Stage Tool on Surface casing, Stage Tool must be set greater than 350' from surface and a minimum of 200 feet above surface shoe. 3) When using a Stage Tool on Intermediate or Production Casing Stage must be a minimum of 50 feet below previous casing shoe.