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OPERATOR	

5A. Indicate Type of Lease  
STATE ☐ FEE ☒

5. State Oil & Gas Lease No.  
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APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

b. Type of Well DRILL ☐ DEEPEN ☐ PLUG BACK ☐  
OIL WELL ☒ GAS WELL ☐ OTHER Re-Entry SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. Name of Operator  
Challenger Minerals Inc.

3. Address of Operator  
12707 North Freeway, Suite 500 Houston, TX 77060

4. Location of Well UNIT LETTER H LOCATED 1980 FEET FROM THE North LINE  
AND 660' FEET FROM THE East LINE OF SEC. 12 TWP. 9S RGE. 34E NMPM

7. Unit Agreement Name  
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8. Farm or Lease Name  
Bowman et al

9. Well No.  
1

10. Field and Pool, or Wildcat  
Wildcat

12. County  
Lea

11. Elevations (show whether DT, KT, etc.)  
4210.3 GR

19. Proposed Depth  
9300'

19A. Formation  
Wolfcamp

20. Rotary or C.T.  
Rotary

21A. Kind & Status Plug. Bond  
Single Well Cash Bond

21B. Drilling Contractor  
Unknown

22. Approx. Date Work will start  
9-1-87

23. PROPOSED CASING AND CEMENT PROGRAM

*Existing hole or casing.					
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
* 17-1/2"	* 12-3/4"	38#	420'	475 SXS	Surface
* 11-1/2"	* 8-5/8"	24 & 32#	3887'	1350 + 200 SXS	Surface
* 7-7/8"	** 5-1/2"	17#	9899'	300 + 300 SXS	7000'
** 5 1/2" casing was cut off @ 6910'.					

- This is a Re-Entry of the Adams Exploration Co., Bowman et al No. 1, which was P&A'd in 1981.
1. Dig out casing stubs. Install 8-5/8" casing head & NU BOPE. Test BOPE & casing head with 1500 psi.
  2. Clean out cement plugs and open hole to top of 5 1/2" casing at 6910'.
  3. Clean out 5 1/2" casing to 9300'. Dress top of 5 1/2" stub.
  4. Run 5 1/2" casing patch and 5 1/2", 15.5 & 17# casing to tie-back 5 1/2" to surface.
  5. NU tubing head and BOPE. Test casing and BOPE to 2500 psi.
  6. Run GR/CBL-VDL. Squeeze cement as required. Test each squeeze with 2500 psi.
  7. Perforate, acidize and test zones of interest.
  8. Complete or P&A well.

BOP equipment will consist of (1) 10", 5000 psi Double Ram preventer with Blinds in top and pipe rams in bottom.

There are no other wells within the dedicated acreage.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed W. C. Young Title Vice President, Production Date 8-3-87  
(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON  
APPROVED BY DISTRICT 1 SUPERVISOR TITLE DATE AUG 10 1987  
CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval  
Date Unless Drilling Underway.

RECEIVED  
AUG 6 1987  
OCCO  
HOBBS OFFICE

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED  
DATE 08-11-2010 BY 60322 UCBAW/STP