

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

550

## APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM 104685	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Lynx Petroleum Consultants, Inc.		7. UNIT AGREEMENT NAME	
3. ADDRESS AND TELEPHONE NO. P.O. Box 1708, Hobbs, NM 88241 505-392-6950		8. FARM OR LEASE NAME, WELL NO. Hawkeye 7 Fed. #2	
4. LOCATION OF WELL (Report location clearly and in accordance with BLM Form 3150-3) At surface 1650' FSL and 1980' FEL At proposed prod. zone Same		9. API WELL NO. 30-025-35661	
10. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1650'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Wildcat Morrow NW	
11. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2820'		12. COUNTY OR PARISH Lea	
12. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2820'		13. STATE NM	
13. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2820'		14. COUNTY OR PARISH Lea	
14. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2820'		15. STATE NM	
15. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2820'		16. COUNTY OR PARISH Lea	
16. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2820'		17. STATE NM	
17. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2820'		18. COUNTY OR PARISH Lea	
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2820'		19. STATE NM	
19. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2820'		20. COUNTY OR PARISH Lea	
20. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2820'		21. STATE NM	
21. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2820'		22. COUNTY OR PARISH Lea	
22. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2820'		23. STATE NM	
23. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2820'		24. COUNTY OR PARISH Lea	
24. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2820'		25. STATE NM	

PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8 J-55	48#	850	750
12 1/4"	8 5/8 J-55	32#	4500	1700
7 7/8"	5 1/2 P & N	17#	12650	1900

Captain Controlled Water Basin

CIRCULATE WITNESS  
CIRCULATE

The operator proposes to drill to a depth sufficient to test the Morrow formation for gas. If productive, 5 1/2" casing will be cemented at T.D. If non-productive, the well will be plugged in a manner consistent with federal regulations. Specific programs as per Onshore Oil and Gas Order #1 are outlined in the following attachments:

Drilling Program  
Surface Use and Operating Plan  
Blowout Preventer Equip. Diagrams  
Location and Elevation Plat  
Planned Access Road, Powerline  
and Gas Line Diagram

One Mile Radius Lease Plat  
Drilling Rig Layout  
H<sub>2</sub>S Drilling Plan  
Lease Responsibility Statement  
Bonding Information

\*An archaeological survey will be provided to the Carlsbad BLM office under separate cover.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Marc Wise Marc Wise TITLE President DATE 3/9/01

(This space for Federal or State office use)

APPROVAL SUBJECT TO GENERAL REQUIREMENTS AND SPECIAL STIPULATIONS ATTACHED

PERMIT NO. \_\_\_\_\_ APPROVAL DATE 13 3/9

Application approval does not constitute a warranty of title to those rights in the subject lease which would require the application of the law of the State of New Mexico.

CONDITIONS OF APPROVAL \_\_\_\_\_

DECLARED WATER BASIN CEMENT BEHIND THE CASING MUST BE CIRCULATED

APPROVED BY /S/ JOE G. LARA ACTING FIELD MANAGER DATE AUG 14 2001

\*See Instructions On Reverse Side

APPROVAL FOR 1 YEAR

RECEIVED  
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