

# N. M. Oil Cons. Division

S. 107 ST.

ARTE

0-2034

Form 3160-3

(July 1992)

SUBMIT IN TRIPLICATE

(Other instructions on reverse side)

FORM APPROVED

OMB NO. 1004-0136

Expires February 28, 1995

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

### 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. LC 060529	
b. TYPE OF WELL Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Shahara Oil, LLC		7. UNIT AGREEMENT NAME 17368	
3. ADDRESS AND TELEPHONE NO. 207 W McKay, Carlsbad, NM 88220 505-885-5433 Fax: 505-885-4989		8. FARM OR LEASE NAME, WELL NO. Beeson "F" Federal No. 27	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1015' FNL & 1524' FEL, Unit B		9. API WELL NO. 30-015-30016	
At proposed prod. zone Same		10. FIELD AND POOL, OR WILDCAT Loco Hills QN-GB-SN 39520	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE * 2.5 miles southwest of Loco Hills, NM		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 31, T17S, R30E	
15. DISTANCE FROM PROPOSED * LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)	16. NO. OF ACRES IN LEASE	17. NO. OF ACRES ASSIGNED TO THIS WELL	
1015'	440	40	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	19. PROPOSED DEPTH	20. ROTARY OR CABLE TOOLS	
128'	3300'	Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3589' GR		22. APPROX. DATE WORK WILL START* January 15, 1997	

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24# K-55	500'	250 sx - circulator
7 7/8"	5 1/2"	17# J-55	4000'	600 sx
				100' above 8 5/8" csg shoe

The operator proposes to drill to a depth sufficient to test the Queen and Yates for oil. Specific programs are outlined in the following attachments:

DRILLING PROGRAM  
SURFACE USE AND OPERATING PLAN  
EXHIBIT A - ROAD MAP  
EXHIBIT B - EXISTING WELL MAP  
EXHIBIT C - LOCATION AND ACREAGE DEDICATION PLAT  
EXHIBIT C-1 - TOPO MAP  
EXHIBIT D - DRILLING AND RIG LAYOUT  
EXHIBIT E - 3M BOP EQUIPMENT  
EXHIBIT F - TOP OF SALT MAP

APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS  
ATTACHED

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 Melanie Harker TITLE Agent DATE 12/12/97

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY

TITLE

DM, MINERALS

\*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.