

N. M. Oil Cons. Division  
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTSUBMIT IN TRIPLICATE\*  
(Other instructions on  
reverse side)FORM APPROVED  
OMB NO. 1004-0136  
Expires: February 28, 1995

dhr

## APPLICATION FOR PERMIT TO DRILL OR DEEPEN

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐

## b. TYPE OF WELL

OIL WELL ☒GAS WELL ☐

OTHER

161859

SINGLE ZONE ☒MULTIPLE ZONE ☐

## 2. NAME OF OPERATOR

KCS Medallion Resources, Inc.

## 3. ADDRESS AND TELEPHONE NO.

7130 South Lewis Avenue, Suite 700, Tulsa, OK 74136-5489. Phone (918) 499-1325

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

2310 ft FSL &amp; 2310 ft FEL of Section 19

At proposed prod. zone

Same

Unit J

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

The location is about 7 miles SE of Loco Hills

## 10. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

330 ft

## 18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

1044 ft

## 21. ELEVATIONS (Show whether DF, ET, GR, etc.)

3618 ft, Ground Level

## 23.

## PROPOSED CASING AND CEMENT

## CAPITAN CONTROLLED WATER BASIN

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
26"	Sch 10, 20"	52.73 lbs.	40 to 80 ft	Ready-Mix to surface
17 1/2"	H40, 13 3/8"	48 lbs.	760-500 ft	700 sacks w/additives
11"	J55, 8 5/8"	32 lbs.	2,800 ft	620 sacks w/additives
7 7/8"	J55, 5 1/2"	15.5 & 17 lbs.	8,500 ft	245 sacks w/additives

## Procedure:

1. Drill 26 in hole and set 20 in conductor w/rat hole digger if necessary. Cement to surface
2. Drill 17 1/2 in hole to 500 ft and set 13 3/8 in casing. Cement to surface.
3. Drill 11 in hole to 2800 ft and set 8 5/8 in casing. Cement to surface.
4. Install Hydrill and BOP Stack. Test to 2750 psig.
5. Drill cement in casing to within 20 ft of shoe. Test casing to 1500 psig.
6. Drill 7 7/8 in hole through the Bone Springs formation to TD. DST as necessary.
7. Run electric logs. Shoot sidewall cores if desired.
8. If warranted, run and cement 5 1/2 in casing. Cement to 500 ft above top zone of interest.
9. Test 5 1/2 in casing to 3000 psig prior to perforating.

## Exhibits Attached:

- A. Location and elevation plat.  
B. Location Verification Map.  
C. Vicinity map.

- D. Surface Use Plan.  
E. Drilling Plan.  
F. Blow Out Preventer Diagram

- G. Typical Wellsite Layout  
H. Archaeological Survey  
I. Map of Existing Wells in Area

- J. H2S Drilling Operations Plan

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. Don Williams Senior Drilling Engineer DATE 12-15-95

(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:

Acting

APPROVED BY

(DRILL. SDR.) ANTONIO A. LOPEZ

TITLE

Field Office Manager.  
and Minerals

DATE

12-15-2000

\*See Instructions On Reverse Side

APPROVED FOR 1 YEAR

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.

\* open. to send in Sunday notice - Run DV Tool @ 4300'. & cement to 2500' above  
intermediate casing at a 2800'.

CCD

RECEIVED

1999 DEC 16 A 10:30

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