

dlsf

## APPLICATION FOR PERMIT TO DRILL OR DEEPEN

## 1A. TYPE OF WORK

DRILL ☒DEEPEN ☐

## D. TYPE OF WELL

OIL WELL ☒GAS WELL ☐OTHER ☐SINGLE ZONE ☒MULTIPLE ZONE ☐

## 2. NAME OF OPERATOR

KCS Medallion Resources, Inc.

161859

## 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

1980 ft FNL &amp; 1980 ft FWL of Section 19

At proposed prod. zone

Same

Unit F

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

The location is about 7 miles SE of Loco Hills

## 15. DISTANCE FROM PROPOSED\*

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

660 ft

## 16. NO. OF ACRES IN LEASE

160 Acres more or less

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40 Acres

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIC FOR, ON THIS LEASE, FT.

## 19. PROPOSED DEPTH

9,550 ft

## 20. ROTARY OR CABLE TOOLS

Rotary Tools

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

3630 ft, Ground Level

## 22. APPROX. DATE WORK WILL START\*

10 July 1999

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

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.	500 ft	370 sacks w/additives
11"	J55, 8 5/8"	32 lbs.	2,800 ft	620 sacks w/additives
7 7/8"	N80, 5 1/2"	17 lbs.	9,550 ft	220 sacks w/additives

WITNESS

WITNESS

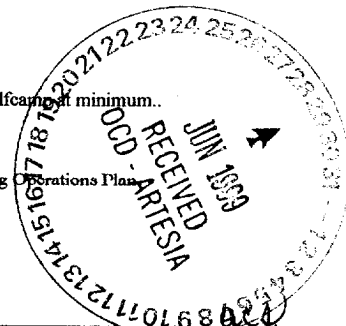
## Procedure:

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 Wolfcamp 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 or to 500 ft above the top of Wolfcamp at minimum.
9. Test 5 1/2 in casing to 3000 psig prior to perforation.

## Exhibits Attached:

- |                                 |                               |                                  |                                 |
|---------------------------------|-------------------------------|----------------------------------|---------------------------------|
| A. Location and elevation plat. | D. Surface Use Plan.          | G. Typical Wellsite Layout       | J. H2S Drilling Operations Plan |
| B. Location Verification Map.   | E. Drilling Plan.             | H. Archaeological Survey         |                                 |
| C. Vicinity map.                | F. Blow Out Preventer Diagram | I. Map of Existing Wells in Area |                                 |

## CAPITAN CONTROLLED WATER BASIN



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

Thomas Williams

TITLE

Drilling Engineer

DATE

6-10-99

(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

/S/LARRY D. BRAY

TITLE

Acting  
Assistant Field Office Manager,  
Lands and Minerals

DATE

JUN 25 1999

\*See Instructions On Reverse Side

APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS  
ATTACHED

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

RECEIVED

JUN 11 89

2250 114 AM

DISTRICT I  
P.O. Box 1988, Hobbs, NM 88241-1988

DISTRICT II  
P.O. Drawer 88, Artesia, NM 88211-0719

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV  
P.O. Box 2988, Santa Fe, N.M. 87504-2088

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised February 10, 1984  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

Exhibit "A"

OIL CONSERVATION DIVISION  
P.O. Box 2088

Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
Property Code	Property Name <i>West SHUGART WEST 19 Federal</i>	Well Number 5
OGED No.	Operator Name KCS MEDALLION RESOURCES, INC.	Elevation 3630

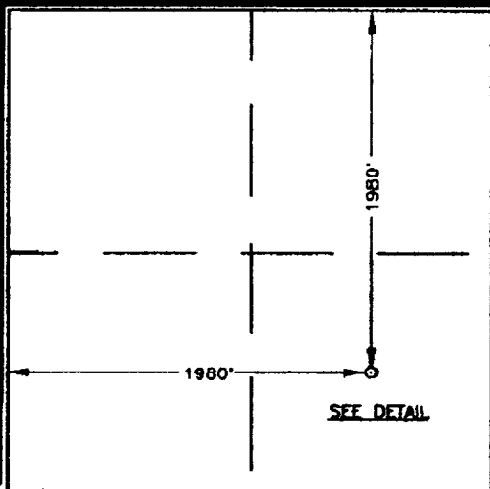
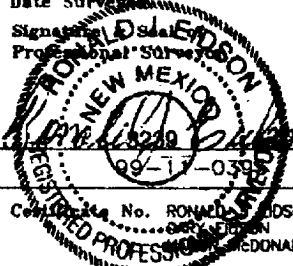
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	19	18 S	31 E		1980	NORTH	1980	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	<p>3633.0' 3627.8'</p> <p>3630.6' 3625.9'</p> <p>DETAIL</p>	<p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Thomas Williams</i> Signature Tom Williams</p> <p>Printed Name Drilling Engineer</p> <p>Title 6-10-99</p> <p>Date</p>
		<p><b>SURVEYOR CERTIFICATION</b></p> <p>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.</p> <p>MAY 7, 1999</p> <p>Date Surveyed Signature Professional Surveyor</p> <p>DMCC</p> <p></p> <p>License No. RONALD S. EDSON 3239 12841 RONALD S. EDSON 12185</p>

**Exhibit "F"**  
**KCS Medallion Resources, Inc.**  
**Typical BOP Equipment Arrangement**

All BOP Equipment to be 3000 psig Working Pressure or Greater

