

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0137  
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other  
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,  
Other \_\_\_\_\_

2. Name of Operator  
KCS Medallion Resources, Inc.

3. Address  
7130 South Lewis, Ste. 700 Tulsa, OK 74136-5489

3a. Phone No. (include area code)  
(918) 491-4137

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At surface 2310'FSL & 1650'FEL of Section 24  
  
At top prod. interval reported below  
  
At total depth

5. Lease Serial No.  
NM93771 of NM025503

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No. <sup>FED</sup>  
Shugart West 24 "J" #3

9. API Well No.  
30-015-31581 S1

10. Field and Pool, or Exploratory  
Shugart Bone Spring Sand

11. Sec., T., R., M., or Block and  
Survey or Area  
Sec24-T18S-R30E

12. County or Parish  
Eddy

13. State  
NM

14. Date Spudded  
4/29/01

15. Date T.D. Reached  
5/16/01

16. Date Completed  
☐ D & A ☒ Ready to Prod.  
6/14/01

17. Elevations (DF, RKB, RT, GL)\*  
3639'KB, 3638'DF, 3624'GL

18. Total Depth: MD 8350' TVD  
19. Plug Back T.D.: MD 7970' TVD  
20. Depth Bridge Plug Set: MD 8000' TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
CNL, DIFLGR

22. Was well cored? ☒ No ☐ Yes (Submit analysis)  
Was DST run ☒ No ☐ Yes (Submit report)  
Directional Survey? ☒ No ☐ Yes (Submit)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#ft.)	Top (MD)	Bottom (MD)	Stage Cement Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17-1/2"	13-5/8"	68#		759'		760sks		Surface	
7-7/8"	5-1/2"	17#		8350'	4327'	270sx/370sx		6550'	
11"	8-5/8"	32#		2800'		952 SK		Surface	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
		CIBP @ 8000'			7643'			

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Bone Springs Sand	7702'	7728'	8190'-8214'	120 deg	48	Temp. Abandoned
B)			8218'-8226'	120 deg	16	Temp. Abandoned
C)			7702'-7728'	120 deg	78	Producing
D)						

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Bone Springs Sand	7702'	7728'	8190'-8214'	120 deg	48	Temp. Abandoned
B)			8218'-8226'	120 deg	16	Temp. Abandoned
C)			7702'-7728'	120 deg	78	Producing
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
8190'-8226'	Acidized Bone Springs w/3500 gals of 15% HCL plus additives and 103 frac balls.
7702'-7728'	Fracture Treat w/66,000 gals of gelled fluid, 131,000# of 20/40 white sand and 30,000# of Super L.C.

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
6/14/01	6/18/01	24	→	126	900	327	7143/1		Flowing

28a. Production-Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
			→						

ACCEPTED FOR RECORD  
JUN 21 2001  
ALEXIS C. SWOBODA  
PETROLEUM ENGINEER

## 28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

## 28c. Production-Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

29. Disposition of Gas (*Sold, used for fuel, vented, etc.*)

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries

## 31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				Penrose	3375'
				Grayburg	3578'
				Delaware	4639'
				Bone Spring	5823'
				First Bone Spring Sand	7612'
				2nd Bone Spring Carbonate	7928'

## 32. Additional remarks (include plugging procedure):

## 33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 set req'd)    2. Geologic Report    3. DST Report    4. Directional Survey  
 5. Sundry Notice for plugging and cementification    6. Core Analysis    7. Other

## 34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) Kaye AlleyTitle Production Technician

Signature

Date 6/19/01