

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 20001a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry Otherb. Type of Completion: ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back

Other

2. Name of Operator **MARK WEST RESOURCES**3. Address **155 INVERNESS DR. WEST
ENGLEWOOD, CO 80112**3a. Phone No. (include area code)
800 730-8388

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface **1645' FNL + 360' FEL**At top prod. interval reported below **SAME**At total depth **SAME**

14. Date Spudded

1-23-02

15. Date T.D. Reached

2-3-02

16. Date Completed

☐ D & A ☒ Ready to Prod.**3-8-02**

17. Elevations (DF, RKB, RT, GL)*

6133' GL**6145' KB**18. Total Depth: MD **6496'**
TVD19. Plug Back T.D.: MD **6465'**
TVD20. Depth Bridge Plug Set: MD
TVD

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

IND/GR, DENSITY/NEUTRON22. Was well cored? ☒ No ☐ Yes (Submit analysis)Was DST run? ☒ No ☐ Yes (Submit report)Directional Survey? ☐ No ☒ Yes (Submit copy)

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

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12 1/4"	8 7/8 J-55	23#	0	378'	-	260	55	SURFACE	0
7 7/8"	4 1/2" N-80	11.6#	0	6496'	-	1088 W/N2 TAIL 132	525 37	SURFACE (CIRC. 60 BBL CMT)	0

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 3/8"	6367'	-						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) DAKOTA	6306'	6500'	6310'-6464'	0.30	28	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
6310'-6464'	1000 GAL 15% HCL ACID + 70 PERF BALLS FRAC w/ 72,000# SUPER LC 20/40 SAND IN 70 QUALITY N2 FORM

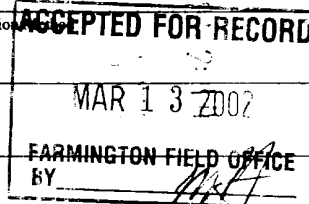
28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→					WAITING ON PIPELINE	

28a. Production - Interval B

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

(See instructions and spaces for additional data on reverse side)



K5/23

SCOTT FED 27-11 23-1 DK

H 23 27 11

28b. Production - Interval C

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

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

WILL BE SOLD

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
OJO ALAMO	740'	856'	SAND WATER		
KIRTLAND	856'	1505'	SHALE	KIRTLAND	856'
FRUITLAND	1505'	1837'	SAND, COAL, GAS		
PICTURED CLIFFS	1837'	2046'	SAND, GAS	PICTURED CLIFFS	1837'
MESA VERDE	3524'	4622'	SAND, WATER		
GALLUP	5376'	6015'	SAND,	GALLUP	5376'
DAKOTA	6306'		SAND, GAS	DAKOTA	6306'

32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments:

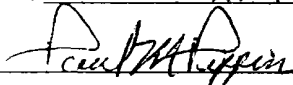
1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report 3. DST Report 4. Directional Survey
5. Sundry Notice for plugging and cement verification 6. Core Analysis 7. Other:

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) PAUL M. PIPPIN

Title PETROLEUM ENGINEER

Signature



Date

3/11/02

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

505 327 4573

