

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 <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5. Lease Serial No. NMNM11038	
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Other _____		6. If Indian, Allottee or Tribe Name	
2. Name of Operator LIMARK CORPORATION		7. Unit or CA Agreement Name and No.	
3. Address P.O. BOX 10708 MIDLAND, TX 79702-7708		8. Lease Name and Well No. DIVERSE FEDERAL 4	
3a. Phone No. (include area code) 5.684.5765		9. API Well No. 30-015-31393	
4. Location of Well (Report location clearly and in accordance with Federal requirements) At surface SENE 1650FNL 660FEL At top prod interval reported below SENE 1650FNL 660FEL At total depth SENE 1650FNL 660FEL		10. Field and Pool, or Exploratory BRUSHY DRAW/DELAWARE	
14. Date Spudded 03/10/2001		11. Sec., T., R., M., or Block and Survey or Area Sec 23 T26S R29E Mer NMP	
15. Date T.D. Reached 03/17/2001		12. County or Parish EDDY	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 07/01/2001		13. State NM	
17. Elevations (DF, KB, RT, GL)* 2946 GL			
18. Total Depth: MD TVD 3114		19. Plug Back T.D.: MD TVD 3114	
20. Depth Bridge Plug Set: MD TVD			
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) GAMMA RAY CCL, NEUTRON LOG		22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)	

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
12.250	8.625 J-55	24.0	0	880		752			
7.875	5.500 J-55	15.5	0	3092		250			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375	3050							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) DELAWARE	3076	3114	3092 TO 3114			OPEN HOLE
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
3092 TO 3114	ACID - 700 GALS 7 1/2% HCL
3092 TO 3114	FRAC - 8675 GALS SPECTRA FRAC G-3000 WITH 10,400 LBS 16/40 SAND

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
07/01/2001	07/01/2001	24	→	3.0	3.0	25.0	39.1		LES BAYAK PUMPING UNIT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. 0.0	24 Hr. Rate →	Oil BBL 3	Gas MCF 3	Water BBL 25	Gas:Oil Ratio 1000	Well Status POW	

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)

ELECTRONIC SUBMISSION #13942 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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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.)
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
RAMSEY SAND	3076	3114		TOP OF SALT	2350
				BASE OF SALT	2858
				TOP OF ANHYDRITE	3043

32. Additional remarks (include plugging procedure):
NO REMARK PROVIDED

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):

Electronic Submission #13942 Verified by the BLM Well Information System.
For LIMARK CORPORATION, sent to the Roswell

Name (please print) MARK A. PHILPYTitle PRESIDENTSignature (Electronic Submission)Date 09/09/2002

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.

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