

(July 1992)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

SUBMIT TO DISTRICT

(See other instructions on reverse side)

Expires: February 28, 1995

5. LEASE DESIGNATION AND SERIAL NO.

NM-013642

6. IF APPLICABLE, ALLOTTEE OR THIRD PARTY NAME

NA

7. UNIT AGREEMENT NAME

NA

8. FARM OR LEASE NAME, WELL NO.

Gardner 4A

9. API WELL NO.

30-045-22768

10. FIELD AND POOL, OR WILDCAT

Blanco Mesa Verde

11. SEC., T., R., M., OR BLOCK AND BUREAU OR AREA

S25, T32N, R4W (m)

12. COUNTY OR PARISH

San Juan

13. STATE

NM

18. ELEV. CASING HEAD

6670'

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. BENCH ☒

Other _____

Complete Lewis Shale

2. NAME OF OPERATOR

Koch Exploration Company

070 FARMINGTON, NM

3. ADDRESS AND TELEPHONE NO.

PO Box 489, Aztec, NM 87410 (505) 334-9111

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

At surface 1030' FSL & 870' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO.

NA

DATE ISSUED

NA

15. DATE BEGUN

NA

16. DATE T.D. REACHED

NA

17. DATE COMPL. (Ready to prod.)

NA

18. ELEVATIONS (OF, RKR, RT, OR, ETC.)*

6670' GR

20. TOTAL DEPTH, MD & TVD

6681' KB

21. PLUG BACK T.D., MD & TVD

6127'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVAL DRILLED BY

ROTARY TOOL

NA

CABLE TOOL

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

4404' - 5069' Lewis Shale

25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN

CBL

27. WAS WELL CORDED

28. CASING RECORD (Report all strings set in well)						AMOUNT PULLED
CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD		
		SAME				

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	BACK CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	5979' KB	

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
4404-07, 4415-18, 4512-15, 4523-26, 4538-41, 4549-52, 4609-12, 4782-90, 4797-4800, 4826-29, 4839-42, 4880-83, 4904-09, 4943-46, 4970-75, 5019-22, 5026-29, 5053-56, 5064-69		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
38" @ 1 shot per ft.		4880' - 5069'	120,500 # 20/40 Brady Sand w/ 1313 bbls
		4404' - 4842'	60 gal Ambor 1025 Fluid & 778,802 SCF N ₂
			92,400 # 20/40 Brady Sand, 525 bbls
			60 Q Ambor 1025 Fluid & 1,600,025 SCF N ₂

33. PRODUCTION				WELL STATUS (Producing or shut-in)	
DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)			Producing	
11/25/00 Lewis	Flowing				
DATE OF TEST	HOURS TESTED	CHOKED SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.
11/25-11/29	84	1/4" 1/2"	→	0	3150
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE		WATER—BBL.	GAS-OIL RATIO
260 PSI	300 PSI	→		625	NA
34. DISPOSITION OF GAS (Solid, used for fuel, vented, etc.)				TEST WITNESSED BY	
Vented				John Clark	

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

TITLE

Operations Mgr.

DATE 12/6/00

*(See Instructions and Spaces for Additional Data on Reverse Side)

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.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.5. Lease Designation and Serial No.
NM-013642

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation
NA8. Well Name and No.
Gardner 4A9. API Well No.
30-045-2276810. Field and Pool, or Exploratory Area
Blanco Mesa Verde11. County or Parish, State
San Juan County
New Mexico

SUBMIT IN TRIPLICATE

1. Type of Well

☐Oil
Well☒Gas
Well☐

Other

2. Name of Operator

Koch Exploration Company

3. Address and Telephone No.

P.O. Box 489 Aztec, New Mexico 87410

(505) 334-9111

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

S25, T32N, R9W (M)
1030' FSL & 870' FEL

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐

Notice of Intent

☒

Subsequent Report

☐

Final Abandonment Notice

TYPE OF ACTION

☐

Abandonment

☐

Recompletion

☐

Plugging Back

☐

Casing Repair

☐

Altering Casing

☒

Other Completion of Lewis Shale

☐

Change of Plans

☐

New Construction

☐

Non-Routine Fracturing

☐

Water Shut-Off

☐

Conversion to Injection

☐

Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

On 11/17/00 ran CBL - log showed 5800'-3600' 20% bond (Cliffhouse & Lewis Shale); from 3600' to 3550' 85%. 7", 20-26#, K-55 @ 3542'. On 11/25/00 perforated* Lower Lewis formation 4880'-5069' w/ 30 .38" holes. Fraced Lower Lewis with 120,500# 20/40 Brady sand, 566 bbl's of 60QAmbor 1025 fluid, and 778,802 SCF of N2. Flowed back Lower Lewis thru 1/4" choke 31 hrs. On 11/27/00 perforated* Upper Lewis 4842'-4404' w/ 33, .38" holes. Fraced Upper Lewis with 92,400# 20/40 Brady sand, 525 bbl's 60 QAmbor 1025 fluid, and 600,025 SCF N2. Flow back thru 1/4" choke 2 hrs, changed choke to 1/2" flowed back for 5 hrs. Cleaned out with air. Flowed back both Upper & Lower Lewis thru 1/2" choke for 23.5 hrs. Ran 2 3/8" tubing landed @ 5979'KB w/ SN @ 5946'. Well put back on-line and flowing 12/5/00.

*see attached completion report for perforation record.

I hereby certify that the foregoing is true and correct

Signed

(This space for Federal or State office use)

Title Operations Manager

Date 12/6/00

Approved by

Title

Date

Conditions of approval, if any:

ACCEPTED FOR RECON.

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.

*See Instruction on Reverse Side

BY

OFFICE