

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, 2000

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Otherb. Type of Completion: ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back

Other Sidetrack

2. Name of Operator

Koch Exploration Company

3. Address

P.O. Box 133, Aztec, NM 87410

3a. Phone No. (Include area code)

(505) 334-1911

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

At surface 880' FSL & 950' FWL (m)

At top prod. interval reported below

At total depth 780' FSL & 1921' FWL (N)

14. Date Spudded

6/14/54

15. Date T.D. Reached

11/27/01

16. Date Completed

2/7/01

☐ D & A ☐ Ready to Prod.

5. Lease Serial No.

NM-013642

6. If Indian, Allottee or Tribe Name

NA

7. Unit or CA Agreement Name and No.

NA

8. Lease Name and Well No.

Gardner 1

9. API Well No.

30-045-1112300

10. Field and Pool, or Exploratory

Blanco Mesa Verde

11. Sec., T., R., M., on Block and

Survey or Area S35, T32N, 9W(m)

12. County or Parish

San Juan

13. State

NM

17. Elevations (D.L., R.K.B., R.L., G.L.)

6588' GL

18. Total Depth: MD 6197'

TVD

19. Plug Back T.D.: MD 6185'

TVD

20. Depth Bridge Plug Set: MD 3708.5'

TVD

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

GR-CCL-CBL GR-GSL

previously
Submitted22. Was well cored? ☒ No ☐ Yes (Submit analysis)Was DST run? ☒ No ☐ Yes (Submit report) SubmittedDirectional Survey? ☐ No ☒ Yes (Submit copy) 2/13/01

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
14 3/4"	10 3/4"	32	0	130'					
8 3/4"	7"	23	0	5092' m window @ 3692'-3704.5'		NO	change 8		
6 1/4"	4 1/2"	10.5	0	6197'	NA	201	89	3106'	Ran CBL

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"	6076'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Menefee / Point Lookout	5494'	5947'	5933' - 6023'	.34"	35	flowing
B) Cliff House / Menefee	5086'	5638'	5159' - 5779'	.34"	36	flowing
C) Lewis Shale	3740'	3741'	4849' - 5024'	.34"	36	flowing
D)						

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

Depth Interval	Amount and Type of Material
5935' - 6025'	1000 gal 15% HCL Acid, 101,900 # 20/40 Brady Sand, Ambor 1020 gel frac
5164' - 5780'	1000 gal 15% HCL Acid, 102,300 # 20/40 Brady Sand, Ambor 1020 gel frac
4849' - 5024'	1000 gal 10% Acetic Acid, 85,920 # 20/40 Brady Sand, 70 Q foam frac
	Cement Squeeze previously Submitted - approved sundry 2/16/01

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
2/7/01	5/19-2/19	15	→	0	2075	48	NA	Not tested	flowing
Choke Size	Tbg. Press. Flwg. NA	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
3/4"	785	150 860 PSI	→	0	3640	77	NA	flowing	

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. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→						

ACCEPTED FOR

AUG 03 2001

FARMINGTON FIELD OFFICE
BY

[Signature]

7 | 11 | 0 | 1

Don Johnson

Operational Manager

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:

32. Additional remarks (include plugging procedure):

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.

Versted

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

28b. Production - Interval C									
Date First Produced	Test Date	Test Hours	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Corr. API	Gas Gravity
Choke Size	(Tbg. Press. SI Flow.)	Cg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
Production Method									

28c. Production - Interval D									
Date First Produced	Test Date	Test Hours	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Corr. API	Gas Gravity
Choke Size	(Tbg. Press. SI Flow.)	Cg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
Production Method									