

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED
OMB NO. 1014-0137
Expires: November 30, 20001a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Otherb. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.

Other _____

2. Name of Operator

Koch Exploration Company

070 WASHINGTON, NM

3. Address

PO Box 489

3a. Phone No. (include area code)

(505) 334-9111

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

At surface 1715' FSL & 1610' FEL

At top prod. interval reported below

At total depth

14. Date Spudded

11/15/00

15. Date T.D. Reached

11/22/00

16. Date Completed

12/20/00

18. Total Depth: MD

5919' KB

19. Plug Back T.D.: MD

5906' KB

20. Depth Bridge Plug Set: MD

TVD

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

GR/CBL/CCL & GR/GSL/CCL

22. 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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12 1/4"	95R, J55	36#	0	244' KB	—	150, C1055#	31.6	Surface	17 BBL
8 3/4"	7", J-55	20#	0	3632' KB	3096'	3354# J-55, 1055#	178	Surface	278 BBL
6 1/4"	4 1/2", J-55	10.5#	0	5901' KB	—	176 LITE CRETE	65.5	3070' (CBL)	-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"	5795'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Upper Lewis Shale	4173'	4648'	4173'-4648'	.38	36	open
B) Lower Lewis Shale	4672'	4790'	4672'-4790'	.38	36	"
C) Cliff House	4929'	5282'	4929'-5282'	.32	35	"
D) Monahans	5375'	5622'	5375'-5622'	.34	25	"
E) Point Lookout	5646'	5830'	5646'-5830'	.34	30	"

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

Depth Interval	Amount and Type of Material
4173'-4648'	1000 gal 10% Acetic Acid, 99,700# 20/40 Brady Sand 600 lb Frac
4672'-4790'	1000 gal 10% Acetic Acid, 100,000# 20/40 Brady Sand 600 lb Frac
4929'-5282'	1000 gal 15% HCL, 39,180# 20/40 Brady Sand
5375'-5622'	1000 gal 15% HCL, 79,100# 20/40 Brady 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	Well Status
12/6/00	12/6/00	41	→	0	1196	122.25	NA	Not tested	Flowing
Choke Size	Tbg. Press. Flwg. SI	Cog. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	Production Method
1/4"			→	0	736	56	NA	Shut-in ready to produce	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	Well Status
12/4/00	12/4/00	40.5	→	0	1539	139	NA	Not Tested	Flowing
Choke Size	Tbg. Press. Flwg. SI	Cog. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	Production Method
1/4"			→	0	912	84	NA	Shut-in ready to produce	Flowing

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

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

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: | |

32. Additional remarks (include plugging procedure):

hwa,po sba pal'mw

Top	Meas. Depth	Name	Descriptions, Contents, etc.	Bottom	Top	Formation
				2720'	1790'	Qo. Alamo
				2920'	2720'	Kirtland Shale.
				3390'	2920'	Freutland Coal
				3564'	3390'	Pictured Cliff
				4488'	3564'	Lewis Shale.
				4934'	4488'	Wetstone Bentonite
				5306'	4934'	21st House
				5635'	5306'	Neve faie
				5860'	5635'	Point Lookout
					5860'	Maudes

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

Vented

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

28b. Production - Interval C										28c. Production - Interval D											
Date First Produced		Tested		Test Production		Oil BBL		Gas MCF		Water BBL		Oil Gravity		Gas Corr. API		Oil Gravity		Gas Corr. API		Production Method	
SI	Thg. Press.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Oil BBL	Gas MCF	Water BBL	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Corr. API	Oil Gravity	Gas Corr. API	Oil Gravity	Gas Corr. API	Oil Gravity	Gas Corr. API	Production Method
12/9	10 1/2 %	28	↩	0	1658	64	0	1401	55	55	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Flowing
3/4"	SI 400#	130 F	↩	0	1401	55	0	1401	55	55	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Shut-in ready to produce

Note: All zones included