

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SEP 26 2008

OCD-HOBBS

FORM APPROVED
OMB NO. 1004-0137
Expires: March 31, 2007

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. NMLC-032096-B		
b. Type of Completion <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input checked="" type="checkbox"/> Diff. Resvr., Other _____			6. If Indian, Allottee or Tribe Name		
2. Name of Operator Apache Corporation			7. Unit or CA Agreement Name and no.		
3. Address 6120 S Yale Ave, Suite 1500 Tulsa OK 74136-4224			8. Lease Name and Well No. Lockhart B-24 001		
3 a. Phone No. (Include area code) (918)491-4864			9. API Well No. 30-025-38759 0002		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At Surface 2310' FSL & 2310' FEL (NW1/4 SE1/4), Unit J, Sec 24, T21S, R37E At top prod. interval reported below At total depth			10. Field and Pool, or Exploratory Blinebry Oil & Gas/Tubb Oil & Gas		
14. Date Spudded 04/12/2008			11. Sec., T., R., M., on Block and Survey or Area Sec 24, T21S, R37E		
15. Date T.D. Reached 04/23/2008			12. County or Parish Lea		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 07/01/2008			13. State New Mexico		
17. Elevations (DF, RKB, RT, GL)* 3438' GL					
18. Total Depth: MD 7155' TVD			19. Plug Back T.D.: MD 7113' TVD		
20. Depth Bridge Plug Set: MD 6805' RBP TVD					
21. Type of Electric & Other Mechanical Logs Run (Submit copy of each) DLL/MG, SD/DSN, LSS, Borehole Volume Plot			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 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"	8-5/8"	24#	0'	1540'		760 Class C	222	0' circ	
7-7/8"	5-1/2"	17#	0'	7153'		1615 Class C	610	122' 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)
2-7/8"	6749'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Blinebry	5862'		5868' - 6152'		57	Producing
B) Tubb	6335'		6344' - 6586'		40	Producing
C) Drinkard	6683'		6854' - 6894'		27	Behind RBP
D)						

26. Perforation Record

Depth Interval	Amount and Type of Material
5868' - 6152'	Acidize with 3000 gals 15% HCl. Frac with 36K gals gel & 82K # 20/40 sand.
6344' - 6586'	Acidize with 3000 gals 15% HCl. Frac with 36K gals gel & 82K # 20/40 sand.
6854' - 6894'	Acidize with 3000 gals 15% HCl. Frac with 39K gals gel & 62K # 20/40 sand.

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

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
6/9/08	7/5/08	24	→	68	50	198	37.5		Pumping
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→				735	Producing	

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 page 2)

ACCEPTED FOR RECORD

/S/ DAVID R. GLASS

SEP 21 2008

DAVID R. GLASS
PETROLEUM ENGINEER

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 or 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
Rustler	1459'				
Yates	2792'				
Seven Rivers	3037'				
Queen	3609'				
Grayburg	3955'				
San Andres	4211'				
Glorieta	5463'				
Blinbry	5862'				
Tubb	6335'				
Drinkard	6683'				
Abo	6961'				

32. Additional remarks (include plugging procedure):

BLINEBRY 5868-74, 5948-54, 6008-12, 6030-34, 6146-52 2 JSPF (Producing)
 TUBB 6344-48, 6453-57, 6498-6504, 6582-86 2 JSPF (Producing)
 DRINKARD 6854-58, 6869-73, 6890-94 2 JSPF (Behind RBP)

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geological Report
 ☐ DST Report
 ☐ Directional Survey
☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ 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) Sophie Mackay Title Engineering TechSignature Sophie Mackay Date 07/15/2008

Title 18 U.S.C. Section 101 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 and false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED
OMB NO. 1004-0137
Expires: March 31, 20071a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Otherb. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Drift. Reopen

Other _____

2. Name of Operator

Apache Corporation

3. Address

6120 S Yale Ave, Suite 1500 Tulsa OK 74136-4224

3.a Phone No. (Include area code)

(918)491-4864

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

At Surface 2310' FSL & 2310' FEL (NW1/4 SE1/4), Unit J, Sec 24, T21S, R37E

At top prod. interval reported below

At total depth

14. Date Spudded

04/12/2008

15. Date T.D. Reached

04/23/2008

16. Date Completed

☐ D & A ☒ Ready to Prod.
06/09/2008

5. Lease Serial No.

MLC-032096-B

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and no.

Lease Name and Well No.

Lockhart B-24 001

9. API Well No.

30-025-38759

10. Field and Pool, or Exploratory

Blinebry Oil & Gas

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

Survey or Area Sec 24, T21S, R37E

12. County or Parish

Lea

13. State

New Mexico

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

3438' GL

18. Total Depth: MD 7155'
TVD19. Plug Back T.D.: MD 7113'
TVD20. Depth Bridge Plug Set: MD 6255' RBP
TVD21. Type of Electric & Other Mechanical Logs Run (Submit copy of each)
DLL/MG, SD/DSN, LSS, Borehole Volume Plot22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit analysis)
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 Cement Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
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24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	6220'							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Blinebry	5862'		5868' - 6152'		57	Producing
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Depth Interval	Amount and Type of Material
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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
6/9/08	6/25/08	24	→	20	70	127	37.5		Pumping
Choice Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→				3500	Producing	

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
			→						
Choice 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 page 2)

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 or 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.

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Glorieta	5463				
Blinebry	5862				
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Drinkard	6683				
Abo	6961				

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 ☐ Directional Survey
☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ 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) Sophie MackayTitle Engineering Tech

Signature

Sophie MackayDate 06/27/2008

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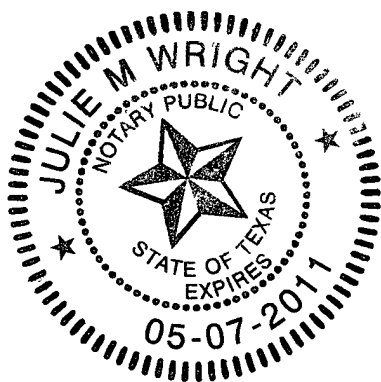
Apache Corporation
6120 S. Yale Ste 1500
Tulsa, OK 74136

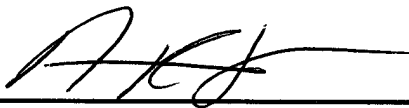
LOCKHART B-24 #1
Lea County, New Mexico

30-025-38759

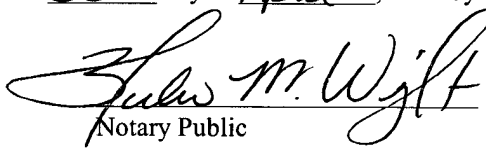
J- 24-215-37e
2310/S & 2310/E

500	5.00	1/2	0.88	4.38	4.38
996	4.96	3/4	1.31	6.51	10.89
1518	5.22	3/4	1.31	6.85	17.74
2019	5.01	1/4	0.44	2.19	19.93
2520	5.01	1	1.75	8.77	28.70
3025	5.05	3/4	1.31	6.63	35.32
3514	4.89	1/2	0.88	4.28	39.60
4001	4.87	1	1.75	8.52	48.13
4505	5.04	1 1/2	2.63	13.23	61.36
4757	2.52	2	3.50	8.82	70.18
5014	2.57	1	1.75	4.50	74.67
5297	2.83	1	1.75	4.95	79.63
5801	5.04	1 1/4	2.19	11.03	90.65
5991	1.90	1 1/4	2.19	4.16	94.81
6715	7.24	3	5.25	38.01	132.82
6904	1.89	2	3.50	6.62	139.43
7155	2.51	2	3.50	8.79	148.22




Archie Brown - General Manager

The attached instrument was acknowledged before me on the 30th day of April, 2008 by
Archie Brown - General Manager, CapStar Drilling, L.P.


Notary Public
