

Submit To Appropriate District Office
State Lease - 6 copies
Fee Lease - 5 copies
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-105
Revised June 10, 2003

WELL API NO.
30-025-36472

5. Indicate Type of Lease
STATE ☐ FEE ☒

State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:

OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

b. Type of Completion:

NEW ☒ WORK ☐ DEEPEN ☐ PLUG ☐ DIFF.
WELL OVER BACK RESVR. ☐ OTHER

2. Name of Operator

Chesapeake Operating, Inc.

3. Address of Operator

P. O. Box 18496, Oklahoma City, OK 73154-0496

4. Well Location

Unit Letter I : 2210 Feet From The South Line and 495 Feet From The East Line

Section 7 Township 20S Range 37# NMPM Lea County

10. Date Spudded

11/24/03

11. Date T.D. Reached

12/19/03

12. Date Compl. (Ready to Prod.)

02/11/04

13. Elevations (DF& RKB, RT, GR, etc.)

GR: 3548'

14. Elev. Casinghead

3549'

15. Total Depth

8000'

16. Plug Back T.D.

7770'

17. If Multiple Compl. How Many Zones?

NA

18. Intervals Drilled By

Rotary Tools

0-TD

Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name Abo A 6860-84'; Abo C 7292-452'; Abo C & C 7631-688'

20. Was Directional Survey Made
No

21. Type Electric and Other Logs Run Comp microlog, HNGS; HNGRS;

TDL, CN/HNGS; AIT, MCFL/HNGS

22. Was Well Cored

No

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8	48#	449'	17-1/4	160 Lite Prem	
8-5/8	32#	2,909'	11"	200 Prem +	
				500 Inter C	
5-1/2	17#	8,000'	7-7/8"	200 Prem +	
400 Poz Prem & 300 Interf. & 200 Prem					

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
None				

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-7/8"	6813	6813

26. Perforation record (interval, size, and number)

7821-15' Strawn 4 spf, .42" hole, 16 holes CIBP 7780'
6860-984' Abo A 2 spf .42" hole, 40 holes
7292-452' Abo C 2 spf, .42" hole, 38 holes
7680-688' Abo B & C, 2 spf .42" hole 10 holes
7487-671' Abo B & C 2 spf .42 hole 42 holes

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

See Attached Data Sheet

28

PRODUCTION

Date First Production

01/19/04

Production Method (Flowing, gas lift, pumping - Size and type pump)

Flowing

Well Status (Prod or Shut-in)

Producing

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
02/26/04	24	26/64	24 hr	85	545	20	6412 ft3/bbl
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	
350 psi	NA pkr		85	545	20		

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

Sold

Test Witnessed By

30. List Attachments

C-103, C-104, Logs, schematic

31. I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief

Signature

Printed

Name Andrew J. McCalmont Title Asset Manager

Date 03/03/04

E-mail Address

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	1013	T. Canyon	
T. Salt	1070	T. Strawn	7784
B. Salt	2230	T. Atoka	
T. Yates	2382	T. Miss	
T. 7 Rivers	2604	T. Devonian	
T. Queen	3202	T. Silurian	
T. Grayburg		T. Montoya	
T. San Andres	3220	T. Simpson	
T. Glorieta	5082	T. McKee	
T. Paddock	5167	T. Ellenburger	
T. Blinebry	5547	T. Gr. Wash	
T.Tubb	6242	T. Delaware Sand	
T. Drinkard	6430	T. Bone Springs	
T. Abo	6836	T.	
T. Wolfcamp	7740	T.	
T. Penn		T.	
T. Cisco (Bough C)		T.	
		T. Ojo Alamo	T. Penn. "B"
		T. Kirtland-Fruitland	T. Penn. "C"
		T. Pictured Cliffs	T. Penn. "D"
		T. Cliff House	T. Leadville
		T. Menefee	T. Madison
		T. Point Lookout	T. Elbert
		T. Mancos	T. McCracken
		T. Gallup	T. Ignacio Otzte
		Base Greenhorn	T. Granite
		T. Dakota	T.
		T. Morrison	T.
		T.Todilto	T.
		T. Entrada	T.
		T. Wingate	T.
		T. Chinle	T.
		T. Permian	T.
		T. Penn "A"	T.

OIL OR GAS SANDS OR ZONES

No. 1, from.....6815.....	to.....7018.....	No. 3, from.....7196.....	to.....7625.....
No. 2, from.....7033.....	to.....7180.....	No. 4, from.....7640.....	to.....7720.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology
0	1013	1013	shale, gray & red
1013	1070	57	anhydrite
1070	2230	1160	salt, shale, anhydrate
2230	6240	4000	dolomite, minor shale
6240	6320	80	shaley dolomite
6320	6330	10	grained sand
6330	6365	35	limstone
6365	6372	7	v.f. grained sand
6372	6400	28	limestone
6400	6410	10	shale
6410	6580	170	dolomite
6580	6685	105	limestone
6685	6835	150	dolomite
6835	7010	175	thin bedded dolomite
7010	7780	770	dolomite
7780	7820	40	limestone
7820	800	180	dolomite

Bertha Barber 1-7 Perf & Stim

Perf Strawn @ 7821-25' w/ 4 spf, 90° Ph. (16 - 0.42" holes).

Acidize Strawn @ 7821-25' w/ 1000 gal. 15% NeFe . Flush w/ 46 bbls. 2% KCl

Set CIPB @ 7780' w/ 10' cmt.

Perf Abo C & D @ 7680, 82, 84, 86 & 88' w/ 2 spf (10 - 0.42" holes, 120° ph.) & 7487, 89, 7502, 04, 06, 08, 28, 30, 32, 7631, 33, 35, 40, 42, 44, 46, 48, 50, 69, & 71' w/ 2 spf (42 - 0.42" holes, 120° ph) BD perms w/ 2% KCl

Acidize Abo C & D @ 7487-7688' OA w/ 2500 gals. 15% NeFe & 60 BS; flush w/ 49 bbls. 2% KCl.

Pump 286 bbls pad of B frac 25 gel; frac Abo C & D @ 7487-7688' w/ 404 bbls gelled borate containing 60K# 20/40 mesh sand

TIH w/ fast drill comp. BP & set @ 7472'.

Perf Abo C @ 7292, 94, 96, 7303, 05, 07, 69, 71, 73, 84, 86, 88, 7434, 7436, 38, 46, 48, 50, & 52' w/ 2 spf, 38 holes total.

Acidize Abo C @ 7292-7452' OA w/ 2500 gals 15% NeFe & 38 BS (no ball action). Flush w/ 173 bbls. 2% KCl.

Frac Abo C @ 7292-7452' OA w/ 12,000 gal. B-Frac 25 gel pad & 16,800 gal. B-Frac 25 containing 60K # 20/40 mesh Ottawa sand. SO w/ 18K# sand left in csg. & 116 bbls. of 25# linear gel flush left (approx. 1350' sand in csg.)

TIH w/ Halliburton Fast Drill Composite Bridge Plug & set @ 7250'.

Perf Abo A w/ 2 spf @ 6860, 62, 64, 66, 76, 78, 80, 82, 6904, 06, 08, 10, 66, 68, 70, 72, 74, 84, 86, & 6984'. (40 , 23 gram, 0.42" holes).

Acidize Abo A @ 6860-6984' OA w/ 2500 gals. 15% NeFe & 60 BS. Flush w/ 159 bbls. 2% KCl.

Frac Abo A @ 6860-6984' OA w/ 5418 gals. B-Frac 35 pad + 2000# 100 mesh sand and 4200 gals gel containing 43,800# 20/40 Ottawa sand. Flush w/ 159 bbls. B-Frac 35

Drill out composite BP's @ 7250' & 7472'. CO to 7764'

