

**State of New Mexico
Energy, Minerals and Natural Resources Department**

Form C-105
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO.

30-025-34624

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

KALA 12

8. Well No.

1

9. Pool name or Wildcat

South Big Dog-Strawn

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 RESVR ☐

OTHER ☐

2. Name of Operator

Chesapeake Operating, Inc.

3. Address of Operator

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

4. Well Location

SUR Unit Letter C : 501 Feet From The North Line and 2503 Feet From The West Line
BHL E 1764 N 420
Section 12 Township 16S Range 35E NMPM LEA County

10. Date Spudded

05/29/99

11. Date T.D. Reached

07/03/99

12. Date Compl. (Ready to Prod.)

07/21/99

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

GR: 3968'

14. Elev. Casinghead

15. Total Depth

13,682

16. Plug Back T.D.

Same

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

Strawn 11,508-13,682'

20. Was Directional Survey Made

Yes

21. Type Electric and Other Logs Run

Gamma Ray

22. Was Well Cored

No

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#	482'	17-1/2"	495 Sx	
9-5/8"	40#	4,257'	12-1/4"	1635 sx	
7"	29# & 26#	11,588'	8-3/4"	410 sx 1st stg	
				800 sx 2nd stg	

LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
3-1/2"	11,302'	13,682'-slotted liner		

TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-7/8"	10,968'	10,968'

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

None

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

DEPTH INTERVAL

AMOUNT AND KIND MATERIAL USED

NA

PRODUCTION

28		Production Method (Flowing, gas lift, pumping - Size and type pump)					Well Status (Prod. or Shut-in)	
Date First Production		Flowing					Prod	
07/25/99								
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio	
07/26/99	24	34/64		1376	2212	263	1600	
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)		
890#	0#		1376	2212	263	47.1		

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

Sold

Test Witnessed By

Jimmy Hays

30. List Attachments

C-104, C103, Log, Inclination Survey

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

Signature

Barbara J. Bale

Printed Name

Barbara J. Bale

Title Regulatory Analyst

Date 07/27/99

100-443887-100

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

T. Anhy _____	T. Canyon _____
T. Salt _____	T. Strawn 11,542
B. Salt _____	T. Atoka _____
T. Yates _____	T. Miss _____
T. 7 Rivers _____	T. Devonian _____
T. Queen _____	T. Silurian _____
T. Grayburg _____	T. Montoya _____
T. San Andres _____	T. Simpson _____
T. Glorieta _____	T. McKee _____
T. Paddock _____	T. Ellenburger _____
T. Blinberry _____	T. Gr. Wash _____
T. Tubb _____	T. Delaware Sand _____
T. Drinkard _____	T. Bone Springs _____
T. Abo _____	T. _____
T. Wolfcamp _____	T. _____
T. Penn 10,800	T. _____
T. Cisco (Bough C) _____	T. _____

Northwestern New Mexico

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.....to.....
No. 2, from.....to.....
No. 3, from.....to.....
No. 4, from.....to.....

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
9,000	9640		Dolomite
9,640	10240		Limestone
10,240	10800		Limestone & Shale
10,800	11542		Shale & Limestone
11,542	13682		Limestone