

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.  
30-015-32446 **33084**

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 X WORK ☐ DEEPEN ☐ PLUG ☐ DIFF.  
WELL OVER BACK RESVR. ☐ OTHER ☐

7. Lease Name or Unit Agreement Name

**Loving 1 State**

2. Name of Operator  
**Samson Resources Company**

8. Well No.

**4**

3. Address of Operator  
**Two West Second St.  
Tulsa, OK 74103 ATTN: Kathy Staton**

9. Pool name or Wildcat

**Black River Morrow**

4. Well Location

Unit Letter **J** : **1980** Feet From The **South** Line and **1980** Feet From The **East** Line  
Section **1** Township **24S** Range **27E** NMPM **Eddy** County

10. Date Spudded **6/25/04** 11. Date T.D. Reached **8/7/04** 12. Date Compl. (Ready to Prod.) **9/16/04** 13. Elevations (DF& RKB, RT, GR, etc.) **3102 GR** 14. Elev. Casinghead

15. Total Depth **12872'** 16. Plug Back T.D. **12460'** 17. If Multiple Compl. How Many Zones? 18. Intervals Drilled By **X** Rotary Tools Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name **Morrow 12236-12388'** 20. Was Directional Survey Made **yes**

21. Type Electric and Other Logs Run  
**GR/CBL/CCL**

22. Was Well Cored

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

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13.375"	48#	575'	17.5"	520 sx	
9.625"	36#	2310'	12.25"	1106 sx	
7"	23#	10548'	8.75"	370 sx	
4.5"	11.60#	12870'	6.125"	280 sx	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2.375"	12641'	12631'

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

12662'-12664' 2SPF ABANDONED  
12512'-12516' 4SPF ABANDONED  
12236-12388' 4 SPF ACTIVE

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

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED  
12512-12664' 72500# Bauxite, 211 tons CO2  
12236-12388' Frac w/99200# 20/40 Versiprop, 340 tons CO2

28. PRODUCTION

Date First Production **9/16/04** Production Method (Flowing, gas lift, pumping - Size and type pump) **Flowing** Well Status (Prod. or Shut-in) **active**

Date of Test **2/9/05** Hours Tested **24** Choke Size **20/64"** Prod'n For Test Period Oil - Bbl **0** Gas - MCF **94** Water - Bbl. **72** Gas - Oil Ratio **n/a**

Flow Tubing Press. **170** Casing Pressure **n/a** Calculated 24-Hour Rate Oil - Bbl. **0** Gas - MCF **94** Water - Bbl. **72** Oil Gravity - API - (Corr.) **n/a**

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

**SOLD** Test Witnessed By

30. List Attachments

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   
E-mail Address **kstaton@samson.com**

Printed Name **Jim Farrell** Title **District Engineer** Date **2/14/2005**

# 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 depth 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	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinebry	T. Gr. Wash	T. Morrison	T.
T. Tubb	T. Delaware Sand	T. Todilto	T.
T. Drinkard	T. Bone Springs	T. Entrada	T.
T. Abo	T.	T. Wingate	T.
T. Wolfcamp	T.	T. Chinle	T.
T. Penn	T.	T. Permian	T.
T. Cisco (Bough C)	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	From	To	Thickness In Feet	Lithology
2350			Delaware				
3500			Cherry Canyon				
4500			Brushy Canyon				
6000			Bone Springs				
9500			Wolfcamp				
11000			Strawn				
11500			Atoka				
12000			Morrow				
12500			Barnett Shale				

LOVING 1 STATE #4

LEA COUNTY, NM

LEASE & WELL

(Give Unit, Section, Township and Range)

OPERATOR

SAMSON RESOURCES COMPANY TWO WEST SECOND STREET  
TULSA, OKLAHOMA 77067

DRILLING CONTRACTOR

NABORS DRILLING USA, LP

The Undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above-described well and that he has conducted deviation tests and obtained the following results:

DEGREES @ DEPTH	DEGREES @ DEPTH	DEGREES @ DEPTH	DEGREES @ DEPTH
3/4 230	1 6839		
1 3/4 461	1 7338		
3/4 1254	1 7828		
1 1/2 1727	2 8260		
3 2202	0 8445		
2 3/4 2310	1 3/4 8931		
1 1/4 2504	3/4 9426		
1 3090	1 9920		
2 3486	3 10407		
1 3/4 3960	3/4 10705		
1/4 4466	3/4 11183		
1 4939	3/4 11706		
1 1/2 5414	1 12270		
1 3/4 5889	1 12680		
1 6362			

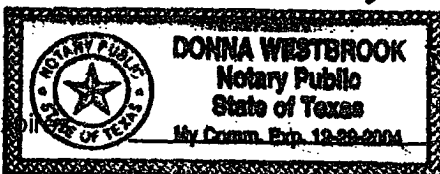
Drilling Contractor

Nabors Drilling USA, LP

By

Troy Blair, District Drilling Superintendent

Subscribed and sworn to before me this 24 day of Sept, 2004



My Commision Expires

Notary Public

MIDLAND

County

TEXAS