

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

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-105  
Revised March 25, 1999

District I  
1625 N. French, 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

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

WELL API NO.  
32-025-37246

5. Indicate Type Of Lease  
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.  
34819

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 \_\_\_\_\_

7. Lease Name or Unit Agreement Name  
Big Dog Baer

2. Name of Operator  
Energen Resources Corporation

8. Well No.  
1

3. Address of Operator  
3300 N. "A" St., Bldg 4, Ste. 100, Midland, TX 79705

9. Pool name or Wildcat  
BIG DOG; STRAWN, SOUTH

4. Well Location  
Unit Letter G : 1650 Feet From The North Line and 1672 Feet From The East Line  
Section 32 Township 15S Range 35E NMPM Lea County

10. Date Spudded 7/7/05 11. Date T.D. Reached 8/3/05 12. Date Compl. (Ready to Prod.) 8/28/05 13. Elevations (DF & RKB, RT, GR, etc.) 3998' 14. Elev. Casinghead

15. Total Depth 11,850' 16. Plug Back T.D. 11,752' 17. If Multiple Compl. How Many Zones? 18. Intervals Drilled By XX Rotary Tools Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name 11,568-11,605' - Strawn 20. Was Directional Survey Made No

21. Type Electric and Other Logs Run CBL/VDL/CMT/GR/CCL 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"     | 48.00#        | 414'      | 17-1/2"   | 500 sacks Class "C"      |               |
| 8-5/8"      | 32.00#        | 4,640'    | 11"       | 1700 sacks 35/65 POZ "C" |               |
|             |               |           |           | tailed w/200 sacks CL C  |               |
| 5-1/2"      | 17.00#        | 11,850'   | 7-7/8"    | 800 sacks 35/65 POZ "H"  |               |

| 24. LINER RECORD |     |        |              |        | 25. TUBING RECORD |           |            |
|------------------|-----|--------|--------------|--------|-------------------|-----------|------------|
| SIZE             | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE              | DEPTH SET | PACKER SET |
|                  |     |        |              |        |                   |           |            |
|                  |     |        |              |        |                   |           |            |

26. Perforation record (interval, size, and number)  
11,568-11,605' - 3-3/8" EXP guns w/3-25.0 gram Titan  
"SDP", 120 degree phased JSPF

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.  
DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED  
11,568-11,605' 2000 gals of 15% HCL/DI acid

28. PRODUCTION

Date First Production 8-30-05 Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing Well Status (Prod. or Shut-in) Prod.

Date of Test 9-20-05 Hours Tested 24 Choke Size 31/64" Prod'n For Test Period Oil - Bbl. 73 Gas - MCF 270 Water - Bbl. 3 Gas - Oil Ratio 3822

Flow Tubing Press. 85# Casing Pressure Calculated 24-Hour Rate Oil - Bbl. Gas - MCF Water - Bbl. Oil Gravity - API - (Corr.) 42

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

30. List Attachments  
Inclination survey, C-102, C-104, 6 logs (mailed under separate cover)

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 Carolyn Larson Printed Name Carolyn Larson Title Regulatory Analyst Date 9-22-05

## 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

## Northeastern New Mexico

|                    |        |
|--------------------|--------|
| T. Anhy            |        |
| T. Salt            |        |
| B. Salt            | 1815   |
| T. Yates           | 2995   |
| T. 7 Rivers        | 3160   |
| T. Queen           | 3850   |
| T. Grayburg        | 4275   |
| T. San Andres      | 4620   |
| T. Glorieta        | 6200   |
| T. Paddock         |        |
| T. Blinebry        |        |
| T. Tubb            | 7355   |
| T. Drinkard        |        |
| T. Abo             | 8110   |
| T. Wolfcamp        | 9755   |
| T. Penn            |        |
| T. Cisco (Bough C) | 10,800 |

|                  |        |
|------------------|--------|
| T. Canyon        |        |
| T. Strawn        | 11,510 |
| T. Atoka         | 11,750 |
| T. Miss          |        |
| T. Devonian      |        |
| T. Silurian      |        |
| T. Montoya       |        |
| T. Simpson       |        |
| T. McKee         |        |
| T. Ellenburger   |        |
| T. Gr. Wash      |        |
| T. Delaware Sand |        |
| T. Bone Springs  |        |
| T.               |        |
| T.               |        |
| T.               |        |
| T.               |        |

T. Ojo Alamo \_\_\_\_\_  
T. Kirtland-Fruitland \_\_\_\_\_  
T. Pictured Cliffs \_\_\_\_\_  
T. Cliff House \_\_\_\_\_  
T. Menefee \_\_\_\_\_  
T. Point Lookout \_\_\_\_\_  
T. Mancos \_\_\_\_\_  
T. Gallup \_\_\_\_\_  
Base Greenhorn \_\_\_\_\_  
T. Dakota \_\_\_\_\_  
T. Morrison \_\_\_\_\_  
T. Todilto \_\_\_\_\_  
T. Entrada \_\_\_\_\_  
T. Wingate \_\_\_\_\_  
T. Chinle \_\_\_\_\_  
T. Permian \_\_\_\_\_  
T. Penn "A" \_\_\_\_\_

T. Penn. "B" \_\_\_\_\_  
T. Penn. "C" \_\_\_\_\_  
T. Penn. "D" \_\_\_\_\_  
T. Leadville \_\_\_\_\_  
T. Madison \_\_\_\_\_  
T. Elbert \_\_\_\_\_  
T. McCracken \_\_\_\_\_  
T. Ignacio Otzte \_\_\_\_\_  
T. Granite \_\_\_\_\_  
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## 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<br>in Feet | Lithology |
|------|----|----------------------|-----------|
|      |    |                      |           |