

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 June 10, 2003

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.

30-025-37815

5. Indicate Type Of Lease

STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

220420

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

Arena Resources, Inc.

8. Well No.

407

3. Address of Operator

4920 S. Lewis Ave, Suite 107, Tulsa, OK 74105

9. Pool name or Wildcat

HOBBS; SAN ANDRES, EAST

4. Well Location

Unit Letter I : 1966 Feet From The SOUTH Line and 1263' Feet From The EAST Line

Section 30

Township 18S

Range 39E

NMPM

LEA

County

10. Date Spudded

07/15/2006

11. Date T.D. Reached

07/23/2006

12. Date Compl. (Ready to Prod.)

08/10/2006

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

KB 3624' DF 3625' GL 3610'

14. Elev. Casinghead

3610'

15. Total Depth

4610'

16. Plug Back T.D.

4565'

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By

Rotary Tools

X

Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name

4434' - 4590'

20. Was Directional Survey Made

21. Type Electric and Other Logs Run

ACOUSTIC CEMENT BOND GAMMA RAY CCL LOG

22. Was Well Cased

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

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	WELL POINT PULLED
8 5/8	24	1861'	12 1/4	700 SX	
5 1/2	15.5	4610'	7 7/8	1000 SX	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 7/8"	4590'	

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

PERF 2 SPF, 4" GUN, 120 DEG PHASING, 16' 32 HOLES.

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4434' - 4590'	PUMP 2000 GAL ACID, PUMP 6 BBL W/
	NO BALL SEALERS, 36 BBL ACID W/100
	BALL SEALERS.

28. PRODUCTION

Date First Production 08/10/2006		Production Method (Flowing, gas lift, pumping - Size and type pump) FLOWING					Well Status (Prod. or Shut-in) PRODUCING	
Date of Test 08/24/2006	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl. 64	Gas - MCF 84	Water - Bbl. 224	Gas - Oil Ratio 64/224	
Flow Tubing Press.	Casing Pressure	Calculated 24- Hour Rate	Oil - Bbl. 64	Gas - MCF 84	Water - Bbl. 224	Oil Gravity - API -(Corr.) 36		

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

SOLD

Test Witnessed By

DANNY PALMER

30. Attachments

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 Brenda Fitzpatrick Printed Name BRENDA FITZPATRICK Title ENGINEERING TECH Date 11/15/2006
E-mail address bfitzpatrick@arenaresourcesinc.com

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	1856'	T. Canyon	T. Ojo Alamo
T. Salt		T. Strawn	T. Kirtland-Fruitland
B. Salt		T. Atoka	T. Pictured Cliffs
T. Yates	3008'	T. Miss	T. Cliff House
T. 7 Rivers	3110'	T. Devonian	T. Menefee
T. Queen		T. Silurian	T. Point Lookout
T. Grayburg		T. Montoya	T. Mancos
T. San Andres	4435'	T. Simpson	T. Gallup
T. Glorieta		T. McKee	Base Greenhorn
T. Paddock		T. Ellenburger	T. Dakota
T. Blinébry		T. Gr. Wash	T. Morrison
T. Tubb		T. Delaware Sand	T. Todilto
T. Drinkard		T. Bone Springs	T. Entrada
T. Abo		T.	T. Wingate
T. Wolfcamp			T. Chinle
T. Penn		T.	T. Permain
T. Cisco (Bough C)		T.	T. Penn "A"

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