

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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-105
Revised 1-1-89

OIL CONSERVATION DIVISION

2040 Pacheco St.
Santa Fe, NM 87505

WELL API NO.
30-025-34841

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

V-2199

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

Gem, 8705 JV-P Prop#002314

8. Well No.

9

9. Pool name or Wildcat

Teas, Bone Spring Code #58960

2. Name of Operator

BTA OIL PRODUCERS

OGRID # 003002

3. Address of Operator

104 SOUTH PECOS, MIDLAND, TX 79701

4. Well Location

Unit Letter A : 330 Feet From The North Line and 990 Feet From The East Line

Section 2 Township 20 S Range 33 E NMPM Lea County

10. Date Spudded

01/19/00

11. Date T.D. Reached

02/16/00

12. Date Compl. (Ready to Prod.)

03/01/00

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

3589'GR 3606' RKB

14. Elev. Casinghead

15. Total Depth

10,350'

16. Plug Back T.D.

10,256

17. If Multiple Compl. How
Many Zones?

18. Intervals
Drilled By

Rotary Tools ☒

Cable Tools

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

9,428' - 10,127' (Bone Spring)

20. Was Directional Survey Made

No

21. Type Electric and Other Logs Run

PE/Array Ind./GR; PE/CN/TD/LD

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"	54.5#	1,387'	17-1/2"	1000 sx - Circ to surface	
9-5/8"	40#	3,250'	12-1/4"	850 sx - Circ to surface	
5-1/2"	17#	10,350'	8-3/4"	2065 sx - DV tool @ 3,719'	

24.

LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-7/8"	9,566'	

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

10,103' - 10,127' w/ 2 JSPF 48 holes 4"

9,470' - 9,472' w/ 2 JSPF 4 holes 4"

9,428' - 9,440' w/ 2 JSPF 24 holes 4"

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
10,103' - 10,127'	A w/ 2,000 gals 7.5% NEFE + ball sealers
	Frac w/36,000 gals + 60,000# sd
9,428' - 9,472	A w/ 2,000 gals NEFE & Frac w/30,000 gals + sd

28.

PRODUCTION

Date First Production

03/01/00

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

2-1/2" x 1-1/2" x 28' RHBC pump

Well Status (Prod. or Shut-in)
Prod.

Date of Test

03/13/00

Hours Tested

24

Choke Size

Prod'n For
Test Period

Oil - BbL.

215

Gas - MCF

220

Water - BbL.

260

Gas - Oil Ratio

1023

Flow Tubing Press.

Casing Pressure

Calculated 24-
Hour Rate

Oil - BbL.

215

Gas - MCF

220

Water - BbL.

260

Oil Gravity - API - (Corr.)

38

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

Sold

Test Witnessed By

Jim Shirley

30. List Attachments

C-104, 1 set of logs, 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

Printed Name

DOROTHY HOUGHTON

Title

Regulatory Administrator

Date

03/15/00

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 specific 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 _____ 1376.0
T. Salt _____
B. Salt _____ 3058.0
T. Yates _____ 3254.0
T. 7 Rivers _____
T. Queen _____
T. Grayburg _____
T. San Andres _____
T. Glorieta _____
T. Paddock _____
T. Blinebry _____
T. Tubb _____
T. Drinkard _____
T. Abo _____
T. Wolfcamp _____
T. Penn _____
T. Cisco (Bough C) _____

T. Canyon _____
T. Strawn _____
T. Atoka _____
T. Miss _____
T. Devonian _____
T. Silurian _____
T. Montoya _____
T. Simpson _____
T. McKee _____
T. Ellenburger _____
T. Gr. Wash _____
T. Delaware Sand _____ 5282.0
T. Bone Springs _____ 8240.0
T. Brushy Canyon _____ 6598.0
T. Reef _____ 3550.0
T. _____
T. _____

Northwestern New Mexico

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 _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from 10,103 to 10,127
No. 2, from 9,428 to 9,472
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
0.0	1100.0	1100.0	redbeds & anhydrite				
1100.0	1387.0	287.0	Anhydrite				
1387.0	2835.0	1448.0	Anhydrite & salt				
2835.0	3240.0	405.0	Anhydrite, dolomite, sand & shale				
3240.0	5581.0	2341.0	Dolomite & sand				
5581.0	6010.0	429.0	Dolomite, shale & sand				
6010.0	8295.0	2285.0	Dolomite & sand				
8295.0	9700.0	1405.0	Shale & lime				
9700.0	10350.0	650.0	Sand, lime & shale				

REAR 2000
Received
MAY 10 2000