

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

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

Form C-105
Revised 1-1-89

WELL API NO. 30-025-31271
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 _____	7. Lease Name or Unit Agreement Name Gem, 8705 JV-P
b. Type of Completion: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ FLUG BACK ☐ DEEP RESVR ☐ OTHER _____	
2. Name of Operator BTA Oil Producers	8. Well No. 5
3. Address of Operator 104 S. Pecos, Midland, TX 79701	9. Pool name or Wildcat Teas (Bone Spring)

4. Well Location Unit Letter <u>M</u> : <u>660</u> Feet From The <u>South</u> Line and <u>810</u> Feet From The <u>West</u> Line Section <u>2</u> Township <u>20S</u> Range <u>33E</u> NMPM Lea County
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10. Date Spudded 6-5-91	11. Date T.D. Reached 7-10-91	12. Date Compl. (Ready to Prod.) 8-27-91	13. Elevations (DF & RKB, RT, GR, etc.) 3578' GR 3592' RKB	14. Elev. Casinghead
15. Total Depth 10340	16. Plug Back T.D. 10257	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By Rotary Tools 10340 Cable Tools	
19. Producing Interval(s), of this completion - Top, Bottom, Name 9278-10216 (Bone Spring)				20. Was Directional Survey Made No
21. Type Electric and Other Logs Run GR-CNL-LDT & D/L				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
20"	94 & 133	1400	26"	2200 sx - Circ	
13-3/8	68	3100	17-1/2	2100 sx - Circ	
8-5/8	32	5490	11	1700 sx - TOC @ 4130	
5-1/2	17 & 20	10340	7-7/8	1500 sx - TOC @ 5310	

24. LINER RECORD	25. TUBING RECORD
SIZE TOP BOTTOM SACKS CEMENT SCREEN	SIZE DEPTH SET PACKER SET
	2-7/8 9983 ---

26. Perforation record (interval, size, and number) 10150-10216 w/1 JSPF - 67 holes 9482-9528 w/1 JSPF - 47 holes 9278-9397 w/1 JSPF - 60 holes	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 10150-10216 Aw/2900 gals FW/36050 gals 9482-9528 Aw/3000 gals FW/27300 gals 9278-9397 Aw/4000 gals FW/36400 gals
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28. PRODUCTION							
Date First Production 8-27-91		Production Method (Flowing, gas lift, pumping - Size and type pump) 2 1/2" X 1 1/2" X 34' pump				Well Status (Prod. or Shut-in) Prod	
Date of Test 9-7-91	Hours Tested 24	Choke Size ---	Prod'n For Test Period	Oil - Bbl. 38	Gas - MCF 25	Water - Bbl. 138	Gas - Oil Ratio 658
Flow Tubing Press. ---	Casing Pressure ---	Calculated 24-Hour Rate	Oil - Bbl. 38	Gas - MCF 25	Water - Bbl. 138	Oil Gravity - API - (Corr.) 38°	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold	Test Witnessed By Ray Hardy
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30. List Attachments C104, Inclination, Logs

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 Dorothy Houghton Printed Name Dorothy Houghton Title Regulatory Admin Date 9-10-91

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

T. Anhy _____ T. Canyon _____
 T. Salt _____ T. Strawn _____
 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 5352
 T. Drinkard _____ T. Bone Springs 8225
 T. Abo _____ T. 1st BS 9260
 T. Wolfcamp _____ T. _____
 T. Penn _____ 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 9278 to 10216 No. 3, from _____ to _____
 No. 2, 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-	1400	1400	Red beds, anhydrite				
1400	3100	1700	Salt, anhydrite				
3100	5490	2390	Dolomite				
5490	7678	2188	Sand				
7678	8081	403	Sand & Lime				
8081	9105	1024	Shale & lime				
9105	9449	344	Sand & shale				
9449	10007	558	Shale & lime				
10007	10340	333	Sand, shale & lime				

RECEIVED

SEP 11 1991

MOORE OFFICE