

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. 30-025-31209
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 ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER ☐	
2. Name of Operator BTA Oil Producers	8. Well No. 4
3. Address of Operator 104 S. Pecos, Midland, TX 79701	9. Pool name or Wildcat Teas (Bone Spring)

4. Well Location Unit Letter N : 510 Feet From The South Line and 1980 Feet From The West Line Section 2 Township 20S Range 33E NMPM Lea County

10. Date Spudded 4-12-91	11. Date T.D. Reached 5-16-91	12. Date Compl. (Ready to Prod.) 5-30-91	13. Elevations (DF & RKB, RT, GR, etc.) 3580' GR 3594' RKB	14. Elev. Casinghead
15. Total Depth 10,297	16. Plug Back T.D. 10,206	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By Rotary Tools 10,297 Cable Tools	19. Producing Interval(s), of this completion - Top, Bottom, Name 9367-9418' (Bone Spring)
21. Type Electric and Other Logs Run CN-L-D-GR; PDI-EP-GR/SP				20. Was Directional Survey Made No
22. Was Well Cored Yes				

23. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
20"	106.5 & 133	1370	26"	2100 sx - Circ	
13-3/8"	68	3130	17-1/2	2200 sx - Circ	
8-5/8	32	5550	12-1/4	1700 sx - TOC @ 4160'	
5-1/2	17	10293	7-7/8	1500 sx - Circ	

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8	9255	---

26. Perforation record (interval, size, and number) 9367-9418' w/1 spf (52 holes)	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	9367-9418'	A w/3750 gals
		F w/38500 gals gelled wtr + CO ₂ + 30000 sd

28. PRODUCTION							
Date First Production 5-30-91		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Prod.	
Date of Test 6-1-91	Hours Tested 24 hrs	Choke Size 19/64"	Prod'n For Test Period	Oil - Bbl. 288	Gas - MCF 190	Water - Bbl. 74	Gas - Oil Ratio 660
Flow Tubing Press. 500	Casing Pressure 800	Calculated 24-Hour Rate	Oil - Bbl. 288	Gas - MCF 190	Water - Bbl. 74	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
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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 <i>Dorothy Houghton</i>	Printed Name Dorothy Houghton	Title Reg Admin.	Date 6-3-91

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 5345
 T. Salt _____ T. Strawn _____
 B. Salt _____ T. Atoka _____
 T. Yates 3300 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. Blinebry _____ T. Gr. Wash _____
 T. Tubb _____ T. Delaware Sand _____
 T. Drinkard _____ T. Bone Springs 8270
 T. Abo _____ T. 1st Bone Spring 9260
 T. Wolfcamp _____ T. 2nd Bone Spring 9820
 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 9367 to 9418 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-	1023	1023	Surface rock & red bed				
1023	1305	282	Anhydrite				
1305	3130	1825	Salt & Anhydrite				
3130	5550	2420	Dolomite				
5550	5825	275	Sand				
5825	6370	545	Dolomite				
6370	7670	1300	Sand & dolomite				
7670	8192	522	Sand, shale & lime				
8192	9052	860	Lime & shale				
9052	9578	526	Shale & sand				
9578	10297	719	Lime & sand				

RECEIVED

JUN 04 1991

HOBB'S OFFICE