

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. 30-025-30977
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. V-2199
7. Lease Name or Unit Agreement Name Gem, 8705 JV-P
8. Well No. 3
9. Pool name or Wildcat Gem, East Morrow

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 _____	8. Well No. 3			
2. Name of Operator BTA Oil Producers	9. Pool name or Wildcat Gem, East Morrow			
3. Address of Operator 104 S. Pecos, Midland, TX 79701				
4. Well Location Unit Letter <u>0</u> : <u>660</u> Feet From The <u>South</u> Line and <u>1980</u> Feet From The <u>East</u> Line Section <u>2</u> Township <u>20S</u> Range <u>33E</u> NMPM Lea County				
10. Date Spudded 9-28-90	11. Date T.D. Reached 11-24-90	12. Date Compl. (Ready to Prod.) 12-2-90	13. Elevations (DF & RKB, RT, GR, etc.) 3579' GR 3593 RKB	14. Elev. Casinghead
15. Total Depth 13,700	16. Plug Back T.D. 13,627'	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By Rotary Tools 13,700	Cable Tools
19. Producing Interval(s), of this completion - Top, Bottom, Name 13,534-13,588 (Morrow)				20. Was Directional Survey Made No
21. Type Electric and Other Logs Run DLL-M-SFL; RFT; LCN				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"	106.5	1385	26"	2100 sx-surface	
13-3/8	61 & 68	3100	17-1/2	2200 sx-surface	
9-5/8	40	5462	12-1/4	1600 sx-surface	
5-1/2	20 & 23	13700	8-3/4	2900 sx-surface	

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8	13,350	13,322

26. Perforation record (interval, size, and number) 13,534-13,588 w/1 JSPF (44 holes)	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED
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PRODUCTION

28. Date First Production 12-2-90		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Shut In	
Date of Test 12-3-90	Hours Tested 24	Choke Size 11/64	Prod'n For Test Period	Oil - Bbl. 90	Gas - MCF 1852	Water - Bbl. 30	Gas - Oil Ratio 20,578
Flow Tubing Press. 2000	Casing Pressure Pkr	Calculated 24-Hour Rate	Oil - Bbl. 90	Gas - MCF 1852	Water - Bbl. 30	Oil Gravity - API - (Corr.) 52.3	
29. Disposition of Gas (Sold, used for fuel, vented, etc.) SI - Pending P/L Connection						Test Witnessed By Tom Williams	

30. List Attachments

Logs, Inclination, C-104

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 Reg. Admn. Date 12-10-90

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 12,234
 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 5,486
 T. Drinkard _____ T. Bone Springs 7,898
 T. Abo _____ T. Morrow 13,050
 T. Wolfcamp 11,174 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 13,534 to 13,588 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-	1385	1385	Surface rock, red beds & Anhydrite				
1385	3155	1770	Anhydrite & Salt				
3155	6315	3160	Dolomite				
6315	8030	1715	Sand & Shale				
8030	9080	1050	Lime & Shale				
9080	9416	336	Sand				
9416	10630	1214	Shale, Lime & Sand				
10630	10937	307	Sand				
10937	11308	371	Chert, Shale & Lime				
11308	12015	707	Shale				
12015	12315	300	Shale, Lime & Chert				
12315	12448	133	Lime & Shale				
12448	12777	329	Shale & Sand				
12777	13126	349	Shale & Lime				
13126	13700	574	Shale & Sand				

11-1-40
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