

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. 30-025-31318
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 _____		8. Well No. 6	
2. Name of Operator BTA Oil Producers		9. Pool name or Wildcat Gem (Morrow) East	
3. Address of Operator 104 S. Pecos, Midland, TX 79701			
4. Well Location Unit Letter <u>K</u> : <u>1980</u> Feet From The <u>South</u> Line and <u>1980</u> Feet From The <u>West</u> Line Section <u>2</u> Township <u>20S</u> Range <u>33E</u> NMPM Lea County			
10. Date Spudded 8-5-91	11. Date T.D. Reached 10-7-91	12. Date Compl. (Ready to Prod.) 10-29-91	13. Elevations (DF & RKB, RT, GR, etc.) 3579' GR 3593' RKB
14. Elev. Casinghead			
15. Total Depth 13640	16. Plug Back T.D. 13540	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By Rotary Tools 13640 Cable Tools
19. Producing Interval(s), of this completion - Top, Bottom, Name 13116'-13520' (Morrow)			20. Was Directional Survey Made No
21. Type Electric and Other Logs Run DLL - SDDNL			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 & 106.5	1385	26"	2200 sx -- Circ	
13-3/8	68	3116	17-1/2	2200 sx -- Circ	
8-5/8	32	5490	11	1700 sx -- TOC @ 4090	
5-1/2	20	13640	7-7/8	2600 sx -- Circ	

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8	12991	12991

26. Perforation record (interval, size, and number) 13116-13520 w/2 JSPF - 2" (21 holes)	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	13116-26'	A w/3000 gal

PRODUCTION

28. Date First Production 10-29-91		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Prod	
Date of Test 10-31-91	Hours Tested 24	Choke Size 48/64	Prod'n For Test Period	Oil - Bbl. 34	Gas - MCF 840	Water - Bbl. 134	Gas - Oil Ratio 24706
Flow Tubing Press. 125 psi	Casing Pressure Pkr	Calculated 24-Hour Rate	Oil - Bbl. 34	Gas - MCF 840	Water - Bbl. 134	Oil Gravity - API - (Corr.) 51	
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold						Test Witnessed By Jim Loughmiller	

30. List Attachments
C-104, 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 Reg. Admn. Date 10-31-91

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. Salt _____
 B. Salt _____
 T. Yates _____
 T. 7 Rivers _____
 T. Queen _____
 T. Grayburg _____
 T. San Andres _____
 T. Glorieta _____
 T. Paddock _____
 T. Blinbry _____
 T. Tubb _____
 T. Drinkard _____
 T. Abo _____
 T. Wolfcamp 11130
 T. Penn _____
 T. Cisco (Bough C) _____

T. Canyon _____
 T. Strawn 12194
 T. Atoka 12384
 T. Miss _____
 T. Devonian _____
 T. Silurian _____
 T. Montoya _____
 T. Simpson _____
 T. McKee _____
 T. Ellenburger _____
 T. Gr. Wash _____
 T. Delaware Sand _____
 T. Bone Springs 8244
 T. Morrow Lm 12749
 T. _____
 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 13116 to 13126
 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
-0-	238	238	Surface Rock				
238	1385	1147	Anhydrite				
1385	3116	1731	Anhydrite & Salt				
3116	5490	2374	Anhydrite & Dolomite				
5490	6542	1052	Sand				
6542	8220	1678	Sand & Shale				
8220	9098	878	Shale & Lime				
9098	9442	344	Sand & Shale				
9442	9817	375	Lime & Shale				
9817	10693	876	Shale, Sand & Lime				
10693	12625	1932	Shale & Lime				
12625	13640	1015	Shale, Sand & Lime				

RECEIVED

NOV 05 1991

HOBBS OFFICE