

District I - (505) 393-6161  
1625 N. French Dr  
Hobbs, NM 88241-1980  
District II - (505) 748-1283  
811 S. First  
Artesia, NM 88210  
District III - (505) 334-6178  
1000 Rio Brazos Road  
Aztec, NM 87410  
District IV - (505) 827-7131

New Mexico  
Energy Minerals and Natural Resources Department

Oil Conservation Division

2040 South Pacheco Street  
Santa Fe, New Mexico 87505  
(505) 827-7131

Form C-142  
Date 06/99

SUBMIT ORIGINAL  
PLUS 2 COPIES  
TO THE SANTA FE  
OFFICE

JAN 10 2000

OIL CONSERVATION DIVISION APPLICATION FOR NEW WELL STATUS

I. Operator and Well

Operator name & address BTA OIL PRODUCERS 104 South Pecos Midland, TX 79701						OGRID Number  003002		
Contact Party DOROTHY HOUGHTON						Phone 915/682-3753		
Property Name Gem, 8705 JV-P					Well Number 7	API Number 30-025-34726		
UL L	Section 2	Township 20-S	Range 33-E	Feet From The 1650	North/South Line South	Feet From The 330	East/West Line West	County Lea

II. Date/Time Information

Spud Date 11/22/99	Spud Time 1:00 AM	Date Completed 12/30/99	Pool Teas, Delaware 96797
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III. Attach copies of Form C-103 or Federal Form 3160-5 showing date/time of drilling commenced and Form C-105 or Federal Form 3160-4 showing well was completed as a producer.

IV. Attach a list of all working interest owners with their percentage interests. BTA HOLDS 100% WORKING INTEREST

V. AFFIDAVIT: IN THIS WELL.

State of Texas )  
County of Midland ) ss.

Dorothy Houghton, being first duly sworn, upon oath states:

1. I am the Operator, or authorized representative of the Operator, of the above-referenced well.
2. To the best of my knowledge, this application is complete and correct.

Signature Dorothy Houghton Title Regulatory Administrator Date 01/05/2000

SUBSCRIBED AND SWORN TO before me this 5th day of January, 2000.



LAURA J. ROCH  
Notary Public  
STATE OF TEXAS

Laura J. Roch  
Notary Public

My Commission expires: 03/19/2001

FOR OIL CONSERVATION DIVISION USE ONLY:

VI. CERTIFICATION OF APPROVAL:

This Application is hereby approved and the above-referenced well is designated a New Well. By copy hereof, the Division notifies the Secretary of the Taxation and Revenue Department of this Approval.

Signature <u>Mark Kelly</u>	Title <u>P.E. Spee</u>	Date <u>2-28-00</u>
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT: 2/28/00

NOTICE: The operator must notify all working interest owners of this New Well certification.

PV2V2610750221

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

## OIL CONSERVATION DIVISION

2040 Pacheco St.  
Santa Fe, NM 87505

WELL API NO. 30-025-34726
Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
State Oil & Gas Lease No. V-2199
Lease Name or Unit Agreement Name 002314 Gem, 8705 JV-P
Well No. 7
Pool name or Wildcat Teas, Delaware Code #96797

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	
Name of Operator BTA OIL PRODUCERS OGRID #003002	
Address of Operator 104 SOUTH PECOS, MIDLAND, TX 79701	
Well Location Unit Letter L : 1650 Feet From The South Line and 330 Feet From The West Line Section 2 Township 20 S Range 33 E NMPM Lea County	
Elevation (Show whether DF, RKB, RT, GR, etc.) 3581' GR 3598' RKB	

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Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

### NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐  
OTHER: ☐

### SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ PLUG AND ANBANDONMENT ☐  
CASING TEST AND CEMENT JOB ☒  
OTHER: ☐

Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

PATTERSON DRILLING COMPANY- Rig #49, P. O. Drawer 1416, Snyder, TX 79550

11/22/99 Spudded @ 1:00 AM - Drig 17-1/2" hole in surface rock w/ spud mud

11/25/99 Depth 1,362' Circ & POH. Cmt'd 13-3/8" (30 jts 54.5# J55 STC) csg @ 1,362 w/ 1300 sx. Cmt circ. WOC.

11/26/99 WOC 12 hrs, installed csg head & BOP's. Cleaned out to shoe. Tested BOP's & csg to 1000 psi for 30 minutes on fresh water - OK. WOC 24 hrs total, then drld shoe. Drig 12-1/4" hole in anhydrite & salt w/ brine.

11/29/99 Depth 2,393' Drig 12-1/4" hole in anhydrite & salt w/ brine.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE

*Dorothy Houghton*

TITLE Regulatory Administrator

DATE 11-29-99

TYPE OR PRINT NAME DOROTHY HOUGHTON

TELEPHONE NO. 915/682-3753

(This space for State Use)

ORIGINAL SIGNED BY CHRIS WILLIAMS  
DISTRICT I SUPERVISOR

APPROVED BY

TITLE

DATE DEC - 7 1999

CONDITIONS OF APPROVAL, IF ANY:

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.  
30-025-34726

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 ☐

2. Name of Operator

BTA OIL PRODUCERS OGRID # 003002

3. Address of Operator

104 SOUTH PECOS, MIDLAND, TX 79701

7. Lease Name or Unit Agreement Name

Gem, 8705 JV-P Prop#002314

8. Well No.

7

9. Pool name or Wildcat

Teas, Delaware Code #96797

4. Well Location

Unit Letter L : 1650 Feet From The South Line and 330 Feet From The West Line

Section 2 Township 20 S Range 33 E NMPM Lea County

10. Date Spudded

11/22/99

11. Date T.D. Reached

12/14/99

12. Date Compl. (Ready to Prod.)

12/30/99

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

3581'GR 3598' RKB

14. Elev. Casinghead

15. Total Depth

9,700'

16. Plug Back T.D.

9,609'

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

6,551' - 6,575' (Delaware)

20. Was Directional Survey Made

No

21. Type Electric and Other Logs Run

AI/SFEL; CN/PDL

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#	1,362'	17-1/2"	1300 sx - Circ to surface	
9-5/8"	40#	3,250'	12-1/4"	1000 sx - Circ to surface	
5-1/2"	17#	9,700'	8-3/4"	1,715 sx - Circ thru DV@3708	
				TOC @ 3,263'	

24.

LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25.

TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-7/8"	6703'	

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

6,551' - 6,575' w/ 4" csg gun; 4 JSFP

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
6,551' - 6,575'	A w/ 1200 gals
	F w/ 402 bbls gel wtr + 9.6 tons sand

28.

PRODUCTION

Date First Production 12/30/99		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping w/ 2-1/2" x 1-1/2" x 28' RHBC prmp				Well Status (Prod. or Shut-In) Prod.	
Date of Test 01/02/00	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - BbL 143	Gas - MCF 21	Water - BbL 216	Gas - Oil Ratio 147
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - BbL 143	Gas - MCF 21	Water - BbL 216	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

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 Administrator

Date

01/05/00

# 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 \_\_\_\_\_ 1350.0  
 T. Salt \_\_\_\_\_  
 B. Salt \_\_\_\_\_ 3089.0  
 T. Yates \_\_\_\_\_ 3315.0  
 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 \_\_\_\_\_ 4804.0  
 T. Bone Springs \_\_\_\_\_ 8192.0  
 T. \_\_\_\_\_  
 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 \_\_\_\_\_  
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 T. \_\_\_\_\_

## OIL OR GAS SANDS OR ZONES

No. 1, from \_\_\_\_\_ 6551 to \_\_\_\_\_ 6575  
 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
0.0	810.0	810.0	Red beds & sand				
810.0	1362.0	5520.0	Redbeds & anhydrite				
1362.0	2393.0	1031.0	Anhydrite & salt				
2393.0	3250.0	857.0	Anhydrite				
3250.0	4570.0	1320.0	Dolomite & shale				
4570.0	5860.0	1290.0	Sand				
5860.0	6470.0	610.0	Sand & dolomite				
6470.0	8300.0	1830.0	Sand				
8300.0	9280.0	980.0	Shale & lime				
9280.0	9700.0	420.0	Shale & sand				