

Submit 5 Copies
Appropriate District Office
DISTRICT I
P.O. Box 1940, 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-104
Revised 1-1-89
See Instructions
at Bottom of Page

REQUEST FOR ALLOWABLE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Operator BTA OIL PRODUCERS		Well API No. 30-025-30535
Address 104 South Pecos, Midland, Texas 79701		
Reason(s) for Filing (Check proper box) ☐ Other (Please explain)		
New Well ☒	Change in Transporter of:	
Recompletion ☐	Oil ☐ Dry Gas ☐	
Change in Operator ☐	Casinghead Gas ☐ Condensate ☐	
If change of operator give name and address of previous operator		

II. DESCRIPTION OF WELL AND LEASE

Lease Name Brian, 8036 JV-P	Well No. 1	Pool Name, Including Formation Antelope Ridge (Atoka) 8946 7/1/89	Kind of Lease State	State OK	Lease No. LG 1025
Location Unit Letter -L- : 1980 Feet From The South Line and 990 Feet From The West Line Section 11 Township 23-S Range 34-E NMPM, Lea County					

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☐ or Condensate ☒	Address (Give address to which approved copy of this form is to be sent) Sun Refining & Marketing Co. P. O. Box 2039, Tulsa, OK 74102				
Name of Authorized Transporter of Casinghead Gas ☐ or Dry Gas ☒	Address (Give address to which approved copy of this form is to be sent) Phillips 66 Natural Gas Co. 4001 Penbrook, Odessa, TX 79762				
If well produces oil or liquids, give location of tanks.	Unit L	Sec. 11	Twp. 23-S	Rgn. 34-E	Is gas actually connected? yes When? 5-19-89
If this production is commingled with that from any other lease or pool, give commingling order number.					

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well ☐	Gas Well ☒	New Well ☒	Workover ☐	Deepen ☐	Plug Back ☐	Same Res'v ☐	Diff Res'v ☐
Date Spudded 2/12/89	Date Compl. Ready to Prod. 4/27/89		Total Depth 13,440'		P.B.T.D. 13,404'			
Elevations (DF, RKB, RT, GR, etc.) 3,367' GR 3,387' RKB	Name of Producing Formation Atoka		Top Oil/Gas Pay 12,094'		Tubing Depth 11,997'			
Performances 12,094' - 12,128'					Depth Casing Shoe 13,440'			
TUBING, CASING AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			
20"	16"		1980		3500 sx - Surface			
14 3/4"	10 3/4"		5240		3500 sx - Surface			
9 1/2"	7 5/8"		11,615		2300 sx - Surface			
6 1/2"	Liner 5"		11,221' - 13,440'		350 sx			

V. TEST DATA AND REQUEST FOR ALLOWABLE

OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours.)			
Date First New Oil Run To Tank	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF

GAS WELL

Actual Prod. Test - MCF/D 2986	Length of Test 24 Hrs	Bbls. Condensate/MMCF 60.939	Gravity of Condensate 57°
Testing Method (pilot, back pr.) Orifice Meter	Tubing Pressure (Shut-in) 2320 psi	Casing Pressure (Shut-in) Pkr.	Choke Size Adj

VI. OPERATOR CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Dorothy Houghton
Signature
DOROTHY HOUGHTON - Regulatory Admin.
Printed Name Title
5/2/89 **915/682-3753**
Date Telephone No.

OIL CONSERVATION DIVISION

Date Approved **JUN 5 1989**

By **ORIGINAL SIGNED BY JERRY SEXTON**
DISTRICT I SUPERVISOR

Title

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
- 4) Separate Form C-104 must be filed for each pool in multiply completed wells.

Oil Conservation Division
Case No. **15778**
Exhibit No. **1**

**MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-4-65

All distances must be from the outer boundaries of the Section.

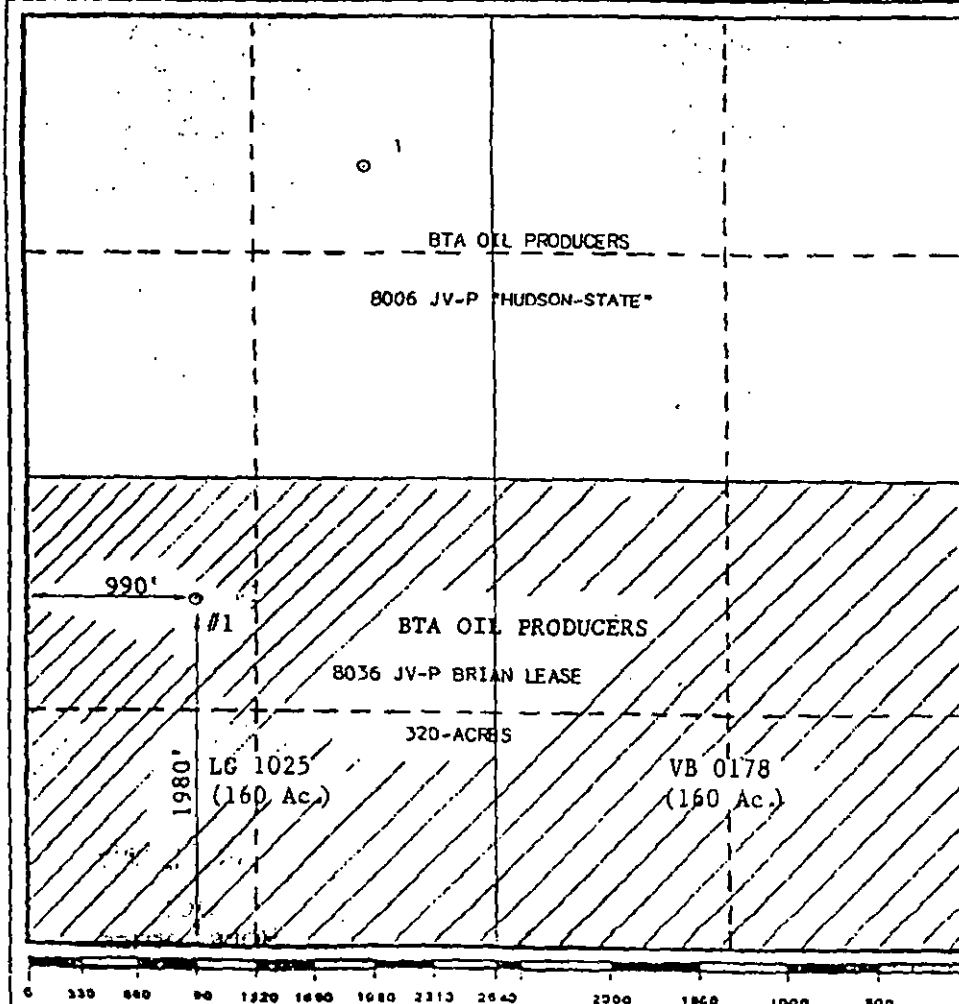
Operator BTA OIL PRODUCERS			Lease 8036 JV-P BRIAN		Well No. 1
Unit Letter "L"	Section 11	Township -23-S	Range -34-E	County LEA	
Actual Footage Location of Well 1980 feet from the SOUTH line and 990 feet from the WEST line					
Ground Level Elev. 3364'	Producing Formation ATOKA-MORROW		Pool ANTELOPE RIDGE		Dedicated Acreage: 320 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes," type of consolidation Communitization

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

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

Dorothy Houghton
Name

DOROTHY HOUGHTON
Position

Regulatory Administrator
Company

BTA OIL PRODUCERS
Date

1/9/89

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

JANUARY 11, 1989
Date Surveyed

Max A. Schumann, Jr.
Registered Professional Engineer and/or Land Surveyor

MAX A. SCHUMANN, JR.
Certificate No.

310

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

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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. 30-025-30535
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. LG - 1025

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER _____	7. Lease Name or Unit Agreement Name Brian, 8036 JV-P			
b. Type of Completion: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESER. ☐ OTHER _____	8. Well No. 1			
2. Name of Operator BTA OIL PRODUCERS	9. Pool name or Wildcat Antelope Ridge (Atoka)			
3. Address of Operator 104 South Pecos, Midland, Texas 79701				
4. Well Location Unit Letter -L- : 1980 Feet From The South Line and 990 Feet From The West Line Section 11 Township 23-S Range 34-E NMPM Lea County				
10. Date Spudded 2/12/89	11. Date T.D. Reached 4/17/89	12. Date Compl. (Ready to Prod.) 4/27/89	13. Elevations (DFA RKB, RT, GR, etc.) 3,367' GR 3,387' RKB	14. Elev. Casinghead
15. Total Depth 13,440'	16. Plug Back T.D. 13,404'	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By Rotary Tools 13,440	Cable Tools
19. Producing Interval(s), of this completion - Top, Bottom, Name 12,094' - 12,128' (Atoka)				20. Was Directional Survey Made NO
21. Type Electric and Other Logs Run CN-LD; CDL - MSFL & DI - GR; RFT				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
16"	75#	1980	20"	3500 sx - Surface	
10 3/4"	45.5 & 51#	5240	14 3/4"	3500 sx - Surface	
7 5/8"	29.7 & 33.7#	11615	9 1/2"	2300 sx - Surface	
		DV @ 5998			

24. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
5"	11,221'	13,440	350		2 7/8	11,997	11,019

26. Perforation record (interval, size, and number) 12,094' - 12,128' (57 holes) 2 -JSPF	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	12,094'-12,128'	5750 gal + ball sealers

28. PRODUCTION							
Date First Production 4/28/89		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Shut-in	
Date of Test 4/29/89	Hours Tested 24	Choke Size Adj.	Prod'n For Test Period	Oil - Bbl. 49	Gas - MCF 2986	Water - Bbl. 16	Gas - Oil Ratio 60.939
Flow Tubing Press. 1200	Casing Pressure Pkr.	Calculated 24-Hour Rate	Oil - Bbl. 49	Gas - MCF 2986	Water - Bbl. 16	Oil Gravity - API - (Corr.) 57°	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Shut-in - pending pipeline connection	Test Witnessed By Thomas Williams
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30. List Attachments C-104, 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 Dorothy Houghton Printed Name DOROTHY HOUGHTON Title Reg. Admin. Date 5/2/89

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 _____ 11,725
B. Salt _____	T. Atoka _____ 12,009
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 _____ 5293
T. Drinkard _____	T. Bone Springs _____ 8415
T. Abo _____	T. _____
T. Wolfcamp _____ 10,476	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 _____ 12,094 _____ to _____ 12,128 _____	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	1980	1980	Sand, red beds & Anhydrite				
1980	3046	1066	Anhydrite				
3046	3558	512	Andydrite & salt				
3558	5240	1682	Andydrite, sand & dolomite				
5240	7165	1925	Sand & Lime				
7165	8547	1382	Sand, lime & shale				
8547	10595	2048	Sand & shale				
10595	11615	1020	Shale, lime & sand				
11615	13440	1825	Lime & shale				

RECEIVED
MAY 3 1989
OCCO
NOBES OFFICE