

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

REQUEST FOR ALLOWABLE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Operator Bannon Energy, Incorporated	Well API No. 30-039-25065
Address 3934 FM 1960 West, Suite 240, Houston, Texas 77068	
Reason(s) for Filing (Check proper box) <input type="checkbox"/> Other (Please explain)	
New Well <input checked="" type="checkbox"/>	Change in Transporter of:
Recompletion <input type="checkbox"/>	Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/>
Change in Operator <input type="checkbox"/>	Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>
If change of operator give name and address of previous operator	

II. DESCRIPTION OF WELL AND LEASE

Lease Name Leeson	Well No. 4	Pool Name, Including Formation West Lindrith-Gallup Dakota	Kind of Lease State, Federal or Fee	Lease No. Fee
Location Unit Letter <u>N</u> : <u>500</u> Feet From The <u>South</u> Line and <u>1850</u> Feet From The <u>West</u> Line				
Section <u>27</u> Township <u>25N</u> Range <u>3W</u> , <u>NMPM</u> , <u>Rio Arriba</u> County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent) 3535 E. 30th Street Farmington, NM 87499					
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent) P O Box 1492, El Paso, TX 79978					
If well produces oil or liquids, give location of tanks.	Unit K	Sec. 27	Twp. 25	Rge. 3	Is gas actually connected? Yes	When? 8/20/91

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 <input checked="" type="checkbox"/>	Gas Well	New Well <input checked="" type="checkbox"/>	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
Date Spudded 7/10/91	Date Compl. Ready to Prod. 8/24/91	Total Depth 8200	P.B.T.D. 8156					
Elevations (DF, RKB, RT, GR, etc.) 7182 GR 7198 7194 KB	Name of Producing Formation Dakota	Top Oil/Gas Pay 7846	Tubing Depth 7475					
Perforations 7846 - 60	8000 - 08	Depth Casing Shoe 8200						

TUBING, CASING AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
12 1/4	8 5/8" 24.0 lb J-55	820	575 sxs (678 ft ³)
7 7/8	4 1/2" 11.60 lbs J-55	8200	1650 sxs (2603 ft ³)
	2 3/4" 4.70 lb, J-55	7475	
	2 3/8		

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 8/24/91	Date of Test 8/28/91	Producing Method (Flow, pump, gas lift, etc.) Pumping	
Length of Test 24 hrs	Tubing Pressure 185	Casing Pressure 185	Choke Size 48/64
Actual Prod. During Test	Oil - Bbls. 70	Water - Bbls. 3	Gas- MCF 65

GAS WELL

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in) 185	Choke Size

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.

Signature
Andrew S. Low
Printed Name
6/24/92
Date
Operations Manager
Title
713-537-9000
Telephone No.

OIL CONSERVATION DIVISION

Date Approved

By Original Signed by CHARLES GHOLSON

Title DEPUTY OIL & GAS INSPECTOR, DIST. 3

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.

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

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

WELL API NO.

30-039-25065

5. Indicate Type of Lease

STATE ☐

FEE ☒

6. State Oil & Gas Lease No.

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
RESP ☐

OTHER ☐

2. Name of Operator

Bannon Energy, Incorporated

3. Address of Operator

3934 FM 1960 West, Suite 240, Houston, Texas 77068

4. Well Location

Unit Letter N : 500 Feet From The South Line and 1850 Feet From The West Line

Section 27

Township 25N

Range 3W

NMPM Rio Arriba

County

10. Date Spudded
7/10/91

11. Date T.D. Reached
7/27/91

12. Date Compl. (Ready to Prod.)
8/24/91

13. Elevations (DF & RKB, RT, GR, etc.)
7182 GR 7194KB 7/98

14. Elev. Casinghead
7182

15. Total Depth
8200

16. Plug Back T.D.
8156

17. If Multiple Compl. How
Many Zones?

18. Intervals Drilled By
Rotary Tools
0-8200

Cable Tools
-

19. Producing Interval(s), of this completion - Top, Bottom, Name

Dakota 7846-60 8000-08

20. Was Directional Survey Made

No

21. Type Electric and Other Logs Run

Induction, Spectral Density CBL-CCL

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
8 5/8"	24.01 J-55	820.00	12 1/4"	575 sxs 678 ft ³	None
4 1/2"	11.60 J-55	8200.00	7 7/8"	1650 sxs 2603 ft ³	None

24. LINER RECORD

25. TUBING RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8 2 3/8	7475	

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

7846 - 60 = 14 holes

8000 - 08 = 8 holes

.42 dia

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

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

7846 - 8008 37,000 gals 40# cross

link gel and 85,000 lbs

20-40 sand

28. PRODUCTION

Date First Production 8/24/91		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping 1 1/2" Rod Pump				Well Status (Prod. or Shut-in) Producing	
Date of Test 8/28/91	Hours Tested 24 hours	Choke Size 48/64	Prod'n For Test Period	Oil - Bbl. 70 bbls	Gas - MCF 65	Water - Bbl. 3	Gas - Oil Ratio 0.929
Flow Tubing Press. 185	Casing Pressure 185	Calculated 24- Hour Rate	Oil - Bbl. 70	Gas - MCF 65	Water - Bbl. 3	Oil Gravity - API - (Corr.) 44.3	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Sold

Test Witnessed By

30. List Attachments

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

Printed
Name

ANDREW S. LOW

Title OPERS. MGR.

Date 6/24/92

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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. Ojo Alamo	2974	T. Penn. "B"
T. Salt	T. Strawn	T. Kirtland-Fruitland	3416	T. Penn. "C"
B. Salt	T. Atoka	T. Pictured Cliffs	3538	T. Penn. "D"
T. Yates	T. Miss	T. Cliff House	5252	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	5420	T. Madison
T. Queen	T. Silurian	T. Point Lookout	5870	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	5930	T. McCracken
T. San Andres	T. Simpson	T. Gallup	6906	T. Ignacio Otzte
T. Glorieta	T. McKee	Base Greenhorn	7730	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	7760	T.
T. Blinebry	T. Gr. Wash	T. Morrison		T.
T. Tubb	T. Delaware Sand	T. Todilto		T.
T. Drinkard	T. Bone Springs	T. Entrada		T.
T. Abo	T.	T. Wingate		T.
T. Wolfcamp	T.	T. Chinle		T.
T. Penn	T.	T. Permian		T.
T. Cisco (Bough C)	T.	T. Penn "A"		T.

Northwestern New Mexico

2974

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....
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