

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

Form C-104
Revised 10-01-78
Format 09-01-83
Page 1

NO. OF COPIES RECEIVED	
DISTRICT	
SANTA FE	<input checked="" type="checkbox"/>
FILE	<input checked="" type="checkbox"/>
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	<input checked="" type="checkbox"/>
OPERATOR	<input checked="" type="checkbox"/>
PRODUCTION OFFICE	

RECEIVED BY CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501
AUG 27 1986
O. C. D. REQUEST FOR ALLOWABLE
ARTESIA OFFICE AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I. Operator Bliss Energy Corporation

Address P. O. Box 1817, Hobbs, N.M. 88241

Reason(s) for filing (Check proper box)

<input type="checkbox"/> New Well	<input type="checkbox"/> Change in Transporter of:	<input type="checkbox"/> Dry Gas
<input type="checkbox"/> Recompletion	<input type="checkbox"/> Oil	<input type="checkbox"/> Condensate
<input type="checkbox"/> Change in Ownership	<input type="checkbox"/> Casinghead Gas	

Other (Please explain) Operator's Name Change

If change of ownership give name and address of previous owner Bliss Petroleum, Inc., P. O. Box 1817, Hobbs, N.M. 88240

II. DESCRIPTION OF WELL AND LEASE

Lease Name <u>Gulf Federal</u>	Well No. <u>1</u>	Pool Name, including Formation <u>Double L Queen (Gas)</u>	Kind of Lease State, Federal or Fee <u>Federal</u>	Lease No. <u>NM 25480</u>
Location Unit Letter <u>C</u> : <u>660</u> Feet From The <u>North</u> Line and <u>1980</u> Feet From The <u>West</u> Line of Section <u>26</u> Township <u>14S</u> Range <u>29E</u> , NMPM, <u>Chaves</u> County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
<u>Cabot Pipeline Corp.</u>	<u>Star Rt. "A" - Box 335, Hobbs, N.M. 88241</u>
If well produces oil or liquids, give location of tanks.	Is gas actually connected? <u>Yes</u> When <u>12-14-80</u>

If this production is commingled with that from any other lease or pool, give commingling order number: 9-5-86

NOTE: Complete Parts IV and V on reverse side if necessary.

VI. 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 is true and complete to the best of my knowledge and belief.

Paul Bliss
(Signature)
President
June 4, 1986
(Date)

OIL CONSERVATION DIVISION
APPROVED SEP 5 1986, 19_____
BY _____ Original Signed By
Les A. Clements
TITLE Supervisor District II

This form is to be filed in compliance with RULE 1104.
If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.
All sections of this form must be filled out completely for allowable on new and recompleted wells.
Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.
Separate Forms C-104 must be filed for each pool in multiply completed wells.

IV. COMPLETION DATA

Designate Type of Completion - (X)		Oil Well	Gas Well X	New Well X	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
Date Spudded 6-28-80	Date Compl. Ready to Prod. 9-18-80	Total Depth 3508'			P.B.T.D. 1924'				
Elevations (DF, RKB, RT, GR, etc.) 3425 KB	Name of Producing Formation Queen		Top Oil/Gas Pay 1824'			Tubing Depth 1803'			
Perforations 1824' - 1836'						Depth Casing Shoe 3507' KB			

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
10 1/2"	8 5/8"	341'	120
7 7/8"	5 1/2"	3507'	900

V. TEST DATA AND REQUEST FOR ALLOWABLE (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 Tanks	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 282 MCFPD	Length of Test 24 hrs.	Bbls. Condensate/MMCF 0	Gravity of Condensate 0
Testing Method (pilot, back pr.) Back press.	Tubing Pressure (Shut-in) 175	Casing Pressure (Shut-in) 180	Choke Size 3/4"

RECEIVED
AUG 22 1986
O.C.D.
HOBBS OFFICE



LTR



Job separation sheet

OIL CONSERVATION DIVISION

Drawer DD Artesia, NM

DISTRICT OFFICE #2

Jan. thru Apr. 1981

NO. 2104 G

SUPPLEMENT TO THE OIL PRORATION SCHEDULE

DATE February 23, 1981

PURPOSE ALLOWABLE ASSIGNMENT FOR A GAS WELL IN AN OIL POOL

The following Bliss Petroleum, Inc. well in the Double L Queen Assoc. Pool has been completed as a gas well and effective February 1, 1981, a casinghead gas allowable is hereby assigned. Acreage Factor .50
Gulf Federal #1-C-26-14-29

L. - F
MP - F

WAG:ar

Bliss Pet., Inc.

Cabot Pipeline Corp.

OIL CONSERVATION DIVISION

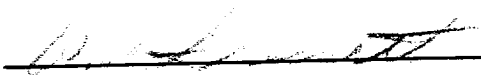

DISTRICT SUPERVISOR

Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains. The concentration of the *Agrobacterium* suspension was 10⁶ cells/ml (○), 10⁷ cells/ml (□), 10⁸ cells/ml (△), and 10⁹ cells/ml (◇). The error bars represent the standard deviation of three independent experiments.