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Appropriate District Office
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-104
Revised 1-1-89
See Instructions
at Bottom of Page

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 Mitchell Energy Corporation		Well API No. 30-025-30992
Address P.O. Box 4000, The Woodlands, TX 77387-4000		
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 Geronimo Federal	Well No. 2	Pool Name, Including Formation Gem (Morrow)	Kind of Lease State, Federal or Fee	Lease No. NM 67111
Location Unit Letter <u>E</u> : <u>1980</u> Feet From The <u>North</u> Line and <u>660</u> Feet From The <u>West</u> Line Section <u>31</u> Township <u>19S</u> Range <u>33E</u> , NMPM, Lea County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" 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)				
If well produces oil or liquids, give location of tanks.	Unit <u>E</u>	Sec. <u>31</u>	Tw. <u>19S</u>	Rge. <u>33E</u>	Is gas actually connected? <u>No</u> When ?

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
		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					
Date Spudded 9-27-90	Date Compl. Ready to Prod. 12-12-90		Total Depth 13770'		P.B.T.D. 13691'			
Elevations (DF, RKB, RT, GR, etc.) 3575' GR	Name of Producing Formation Morrow		Top Oil/Gas Pay 13233'		Tubing Depth 13186'			
Perforations 13233-382', 13533-624'					Depth Casing Shoe			
TUBING, CASING AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			
17 1/2"	13 3/8"		3064		1500sx PP lite + 300sx PP			
12 1/4"	8 5/8"		5074		900sx PP lite + 300sx PP			
7 7/8"	5 1/2"		13769		1450sx 50/50 P07 A &			
	2 3/8"		13186		800sx 50/50 P07 A thru DV @ 8045'			

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 3202	Length of Test 1 hr.	Bbls. Condensate/MMCF 58.5	Gravity of Condensate 46.40
Testing Method (pilot, back pr.) Back Pressure	Tubing Pressure (Shut-in) 3752	Casing Pressure (Shut-in) 0	Choke Size 16/64

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 James Blount
Printed Name James Blount Engineer
Date 12-18-90 Telephone No. 915-682-5396

OIL CONSERVATION DIVISION

Date Approved MAR 07 1991

By Paul Kautz Orig. Signed by
Geologist

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.