

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

State of New Mexico
 Energy, Minerals and Natural Resources Department

Form C-101
 Revised 1-1-89

*clsf
 opt*

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

RECEIVED

JAN 28 1993

API NO. (assigned by OCD on New Wells)	30 015 23412
5. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.	L-4673

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK	
1a. Type of Work: DRILL <input type="checkbox"/> RE-ENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/>	7. Lease Name or Unit Agreement Name State "36"
b. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>	8. Well No. 1
2. Name of Operator Mitchell Energy Corporation	9. Pool name or Wildcat Undesignated <i>ATOKA</i> Strawn
3. Address of Operator P. O. Box 4000, The Woodlands, TX 77387-4000	
4. Well Location Unit Letter <u>B</u> . <u>750</u> Feet From The <u>North</u> Line and <u>2173</u> Feet From The <u>East</u> Line Section <u>36</u> Township <u>19S</u> Range <u>21E</u> NMPM <u>Eddy</u> County	

10. Proposed Depth 7600'	11. Formation Strawn	12. Rotary or C.T. Rotary
13. Elevations (Show whether DF, RT, GR, etc.) 4245' GR	14. Kind & Status Plug. Bond Blanket on File	15. Drilling Contractor
16. Approx. Date Work will start		

17. PROPOSED CASING AND CEMENT PROGRAM					
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
11"	8 5/8"	24	2010	1150	surface
7 7/8"	4 1/2"	11.6	8145	350	4040

The well is currently completed in the Morrow at 7646-7749' and 7830-7838'. Will MIRU and kill well. ND tree and NU double BOP with pipe ram and blind ram. Release packer and POOH w/tbg. Set CIBP @ 7630'. Dump 30' cmt on top. Perforate ~~Strawn~~ *ATOKA* 2SPF at 7198-7204', 7408-12', 7419-22', and 7472-94'. RIH w/pkr and 2 3/8" tbg to 7100'. Set pkr and NU tree. Swab tbg down. Acidize with 3500 gal 15% HCl + 50 Quality CO2. Flow back and clean up.

APPROVAL VALID FOR 180 DAYS
 PERMIT EXPIRES 8-4-93
 UNLESS DRILLING UNDERWAY

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

SIGNATURE *Dan Tuffly* TITLE Dist Engineer DATE 1/22/93
 TYPE OR PRINT NAME Dan Tuffly TELEPHONE NO. (915)682-5396

(This space for State Use)

APPROVED BY *Mark D. [unclear]* TITLE *Geologist* DATE 2-4-93

CONDITIONS OF APPROVAL, IF ANY:

* AS NOTED ABOVE

Submit to Appropriate District Office
 State Lease - 4 copies
 Fee Lease - 3 copies

State of New Mexico
 Energy, Minerals and Natural Resources Department

Form C-102
 Revised 1-1-89

OIL CONSERVATION DIVISION

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

RECEIVED

JAN 28 1993

O. C. D.
 OREGON COUNTY

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

WELL LOCATION AND ACREAGE DEDICATION PLAT
 All Distances must be from the outer boundaries of the section

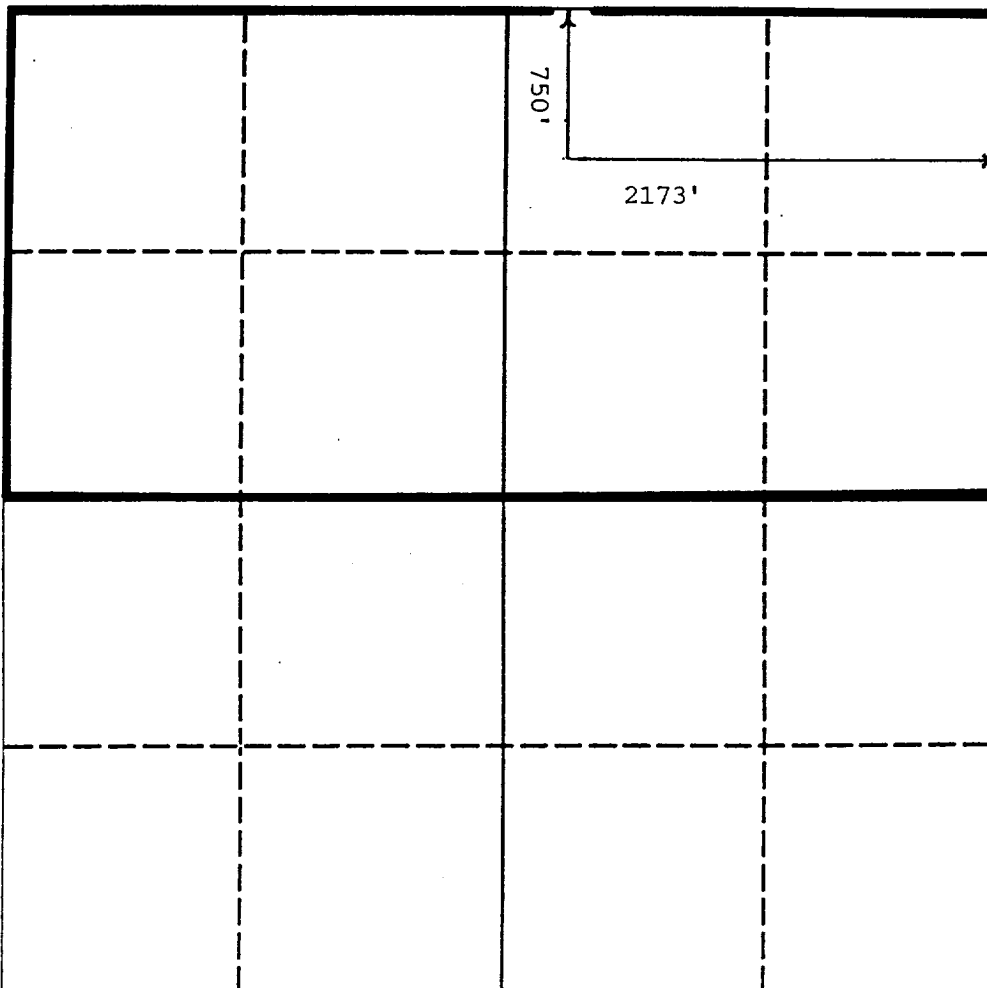
Operator Mitchell Energy Corporation			Lease State "36"		Well No. 1
Unit Letter B	Section 36	Township 19S	Range 21E	County Eddy	
Actual Footage Location of Well: 750 feet from the North line and 2173 feet from the East line					
Ground level Elev. 4245	Producing Formation Strawn ATOKA		Pool Undesignated Strawn ATOKA	Dedicated Acreage: 320 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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 interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?

 Yes No If answer is "yes" type of consolidation _____

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 interest, has been approved by the Division.



OPERATOR CERTIFICATION

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

Signature
George Mullen

Printed Name
 George Mullen

Position
 Reg. Affairs Specialist

Company
 Mitchell Energy Corp.

Date
 January 27, 1993

SURVEYOR CERTIFICATION

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.

Date Surveyed
 May 22, 1980

Signature & Seal of
 Professional Surveyor

Certificate No.
 # 1635

