

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-101
Revised 10-1-78

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LAND OFFICE	
OPERATOR	

JUL 30 1993

O.C.D.

5A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FEE <input type="checkbox"/>
5. State Oil & Gas Lease No. V-4137	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name Milano State	
2. Name of Operator Energex Company ✓ 505-623-6299		9. Well No. 1	
3. Address of Operator 100 North Pennsylvania, Roswell, NM 88201		10. Field and Pool, or Wildcat Undesignated Delaware	
4. Location of Well UNIT LETTER H LOCATED 2160 FEET FROM THE North LINE AND 890 FEET FROM THE East LINE OF SEC. 36 TWP. 24S RGE. 28E NMPM		12. County Eddy	
19. Proposed Depth 6600'		19A. Formation Delaware	
20. Rotary or C.T. Rotary		21. Elevations (Show whether DF, RT, etc.) 2915 GL	
21A. Kind & Status Plug. Bond Statewide		21B. Drilling Contractor Unknown	
22. Approx. Date Work will start August 15, 1993			

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17-1/2"	13-3/8"	48#	550	550 SX	Circ
12-1/4"	8-5/8"	24-32#	2700	800 SX	Circ
7-7/8"	5-1/2"	15.5#	6600	650 SX	2500

Propose to drill and test Delaware formation approximately 550' surface and 2700' intermediate casing. Cement will be circulated on both strings. If commercial, will run 5-1/2" and tie back in to 8-5/8" casing.

Mud: Native O-550'

Brine 550-2700'

Salt, gel & cut brine 2700-6600'

BOP Program: 10", nipple up on 8-5/8" casing.

APPROVED FOR 180 DAYS
PERMIT 2-2-94
OIL CONSERVATION DIVISION

10-1
2-2-93
NL 445

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

Signed Jackie Midkiff Title Jackie Midkiff, Landman Date 7/28/93

(This space for State Use)

APPROVED BY Mark Kelly TITLE GEOLOGIST DATE 8-2-93

CONDITIONS OF APPROVAL, IF ANY: