

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088  
SANTA FE, NEW MEXICO 87504

Form C-101  
Revised 10-1-78

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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 DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		7. Unit Agreement Name
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Form or Lease Name Milano State
2. Name of Operator Energex Company 505-622-6713		9. Well No. 1
3. Address of Operator 100 North Pennsylvania, Roswell, NM 88201		10. Field and Pool, or Wildcat Undes. Bone Spring
4. Location of Well UNIT LETTER H LOCATED 2110 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 Bone Spring
20. Rotary or C.T. Rotary		21. Elevations (Show whether DF, RT, etc.) 2915' GR
21A. Kind & Status Plug. Bond Statewide		21B. Drilling Contractor L&M Drilling, Inc.
22. Approx. Date Work will start September 23, 93		

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 the Bone Spring formation, run approximately 550' of surface and 2700' of 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 0-550'.

Brine 550-2700'

Salt, gel & cut brine 2700-6600'

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

Part ID-1  
10-1-93  
Amend Loc

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.

Signed Jackie Midkiff Title Jackie Midkiff/Landman Date 9/22/93

(This space for State Use)

ORIGINAL SIGNED BY

APPROVED BY MIKE WILLIAMS

TITLE

DATE

SEP 22 1993

CONDITIONS OF APPROVAL, IF ANY