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LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

30-045-26924

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input type="checkbox"/>	FEE <input checked="" type="checkbox"/>

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		Allison Unit	
b. Type of Well		8. Farm or Lease Name	
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"/>		Allison Unit	
2. Name of Operator		9. Well No.	
HERITAGE OIL, INC. El Paso Natural Gas Company		106	
3. Address of Operator		10. Field and Pool, or Wildcat	
PO Box 4289, Farmington, NM 87499		Undes. Fruitland Coal	
4. Location of Well		12. County	
UNIT LETTER <u>K</u> LOCATED <u>1755</u> FEET FROM THE <u>South</u> LINE AND <u>1460</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>13</u> TWP. <u>32N</u> RGE. <u>7W</u> NMPM		San Juan	
21. Elevations (Show whether DF, RT, etc.)		19. Proposed Depth	
6564' GL		3225	
21A. Kind & Status Plug. Bond		19A. Formation	
statewide		Fruitland	
21B. Drilling Contractor		20. Rotary or C.T.	
		Rotary	
22. Approx. Date Work will start			

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4"	9 5/8"	36.0#	200'	130 cu.ft.	circ. surface
8 3/4"	7"	20.0#	3075'	970 cu.ft.	circ. surface
6 1/4"	5 1/2"	23.0#	3225'	do not cmt.	

The Fruitland Coal formation will be completed.

A 3000 psi WP and 6000 psi test double gate preventer equipped with blind and pipe rams will be used for blow out prevention on this well.

This gas is dedicated.

The SW/4 of Section 13 is dedicated to this well.

APPROVAL EXPIRES 11-24-88
UNLESS DRILLING IS COMMENCED.
SPUD NOTICE MUST BE SUBMITTED
WITHIN 10 DAYS.

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 [Signature] Title Drilling Clerk Date 5-18-88

(This space for State Use)

APPROVED BY [Signature] TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE MAY 24 1988

CONDITIONS OF APPROVAL, IF ANY: