

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

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SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease
STATE FEE

5. State Oil & Gas Lease No.

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 checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name Foothills C
2. Name of Operator Joel B. Burr, Jr.		9. Well No. 1
3. Address of Operator Suite 300, 300 W. Arrington, Farmington, NM 87401		10. Field and Pool, or Wildcat Wildcat PC
4. Location of Well UNIT LETTER <u>A</u> LOCATED <u>1070</u> FEET FROM THE <u>North</u> LINE AND <u>945</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>14</u> TWP. <u>30N</u> RGE. <u>13W</u> NMPM		12. County San Juan
19. Proposed Depth 1950'		19A. Formation Pictured Cliffs
20. Rotary or C.T. Rotary		
21. Elevations (Show whether DF, RT, etc.) 5741 GL	21A. Kind & Status Plug. Bond	21B. Drilling Contractor
		22. Approx. Date Work will start November 15, 1984

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
8 3/4"	7"	20#	100'	30 cu. ft. slurry	Surf
5 1/4"	2 7/8"	6.5#	1950'	275 cu. ft. slurry	Surt

SEE ATTACHED SHEET

APPROVAL EXPIRES 6-5-85
UNLESS DRILLING IS COMMENCED.
SPUD NOTICE MUST BE SUBMITTED
WITHIN 10 DAYS.

RECEIVED
NOV 06 1984
OIL CO.
DIST

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 Ray Z. Mitchell Title Agent Date 11-5-84

(This space for State Use)

APPROVED BY John D. Chung TITLE SUPERVISOR DISTRICT # 3 DATE DEC 05 1984

CONDITIONS OF APPROVAL, IF ANY:

OIL CONSERVATION DIVISION

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SANTA FE, NEW MEXICO 87501

Form C-107
Revised 10

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

All distances must be from the outer boundaries of the Section.

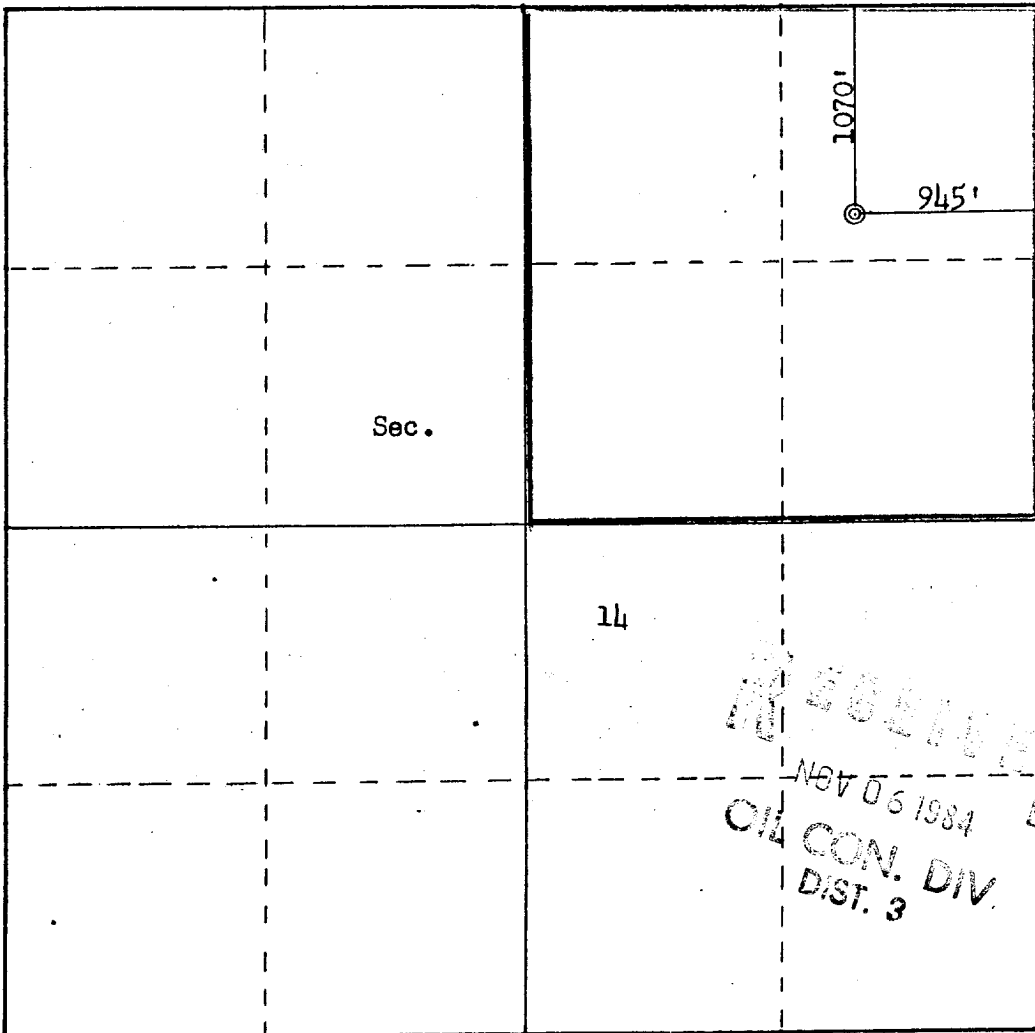
Operator JOEL B. BURR JR.		Lease FOOTHILLS "C"		Well No. 1
Unit Letter A	Section 14	Township 30N	Range 13W	County San Juan
Actual Footage Location of Well: 1070 feet from the North line and 945 feet from the East line				
Ground Level Elev. 5741	Producing Formation PC	Pool WC	Dedicated Acreage 160 Acres	

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 interests 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 interests, has been approved by the Commission.



CERTIFICATION

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

Name
Ray J. Fitchard
Position
Agent

Company
Joel B. Burr, Jr.

Date
11-5-'84

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
October 16, 1984

Registered Professional Engineer and Land Surveyor
Fred B. Kerr Jr.
Fred B. Kerr Jr.

Certificate No. 3950

1. Surface Formation: Nacimiento

2. Estimated Formation Tops:

Ojo Alamo	130'
Kirtland	330'
Fruitland	1405'
Pictured Cliffs	1830'

3. Estimated Depth of Anticipated Water, Oil, Gas or Minerals

1750'	Gas
1830'	Gas

4. Proposed Casing Program

0 - 100'	7" 20 K-55 new casing, cmt to be 30 cu. ft. class "B" & 2% CaCl ₂ estimated top at surface
0 - 1950'	2 7/8" 6.5# K-55 new casing, cmt with 175 cu. ft. 65-35 poz with 6% gel followed by 100 cu. ft. class "B", estimated top at surface

5. Pressure Control Equipment - Blowout Preventer

The attached schematic shows the type of blowout preventer to be used while drilling. The unit will be tested to 500 psi prior to drilling from under surface pipe.

6. Drilling Fluids

Depth	Type	Vis	Weight	Fluid Loss
0-100'	gel-lime	35-45	8.6-9.0	N/L
100-2000'	low solids	30-40	8.6-11.5	10

7. Auxiliary Equipment

- a. bit float
- b. stabbing valve to be used in drillpipe when kelly is not connected

8. Logging - Coring - Testing Program

Logging - Open hole: IES, FDC, GR, Caliper
Testing - None planned
Coring - None planned

9. Abnormal Temperatures, Pressures or Potential Hazards

None expected

10. Starting Date

Anticipated starting date is November 15, 1984. Approximately 3 days will be needed to build roads and location, and drill the well to total depth. Completion will commence immediately and require approximately 3 days.