

NO. OF COPIES RECEIVED	4
DISTRIBUTION	
SANTA FE	1
FILE	1
U.S.G.S.	2
LAND OFFICE	1
OPERATOR	1

RECEIVED
NEW MEXICO OIL CONSERVATION COMMISSION
MAR 12 1979
O. C. C.
ARTESIA, OFFICE

30-015-22874
Form C-101
Revised 1-4-65

5A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FEE <input type="checkbox"/>
5. State Oil & Gas Lease No. L-2630	

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 NONE
b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>		8. Farm or Lease Name Allied State
2. Name of Operator Wm. B. Barnhill		9. Well No. 1
3. Address of Operator P. O. Box 1354 Roswell, New Mexico 88201		10. Field and Pool, or Wildcat * Wildcat & Canyon
4. Location of Well UNIT LETTER M LOCATED 660 FEET FROM THE south LINE AND 660 FEET FROM THE west LINE OF SEC. 15 TWP. 19s RGE. 23e NMPM		12. County Eddy
19. Proposed Depth 8900		19A. Formation Devonian
20. Rotary or C.T. rot. to T.D.		21. Elevations (Show whether DF, RT, etc.) 3976 gr
21A. Kind & Status Plug. Bond Nationwide		22. Approx. Date Work will start March 15, 1979

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
15"	13 3/8	37#	250	300	circ to surface
11 1/2"	8 5/8	24#	1850	700	Circ to Surface
7 7/8	5 1/2	15# - 17#	8900	1200	

Propose to set 13 3/8 casing with cable tool Abbott Brothers Drilling Co. Move on rotary and drill to T.D.

The acreage dedicated to well is not committed to a gas contract.

It is proposed to take 1 DST in Canyon, Morrow and Devonian.

Fresh water for drilling fluid to 6400', 10# mud with 2% KCL from 6400' to T.D.

* 5 1/2 csg cementing program will be adjusted to cover any interval having oil or gas show.

APPROVAL VALID
 FOR 90 DAYS UNLESS
 DRILLING COMMENCED,

EXPIRES. 6/15/79

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 Wm. B. Barnhill Title Operator Date March 12, 1979

(This space for State Use)

APPROVED BY Mike Wilkins TITLE OIL AND GAS INSPECTOR DATE MAR 15 1979

CONDITIONS OF APPROVAL, IF ANY:

Cement must be circulated to surface behind 13 3/8 + 8 5/8 casing

Notify N.M.O.C.C. in sufficient time to witness cementing the 8 5/8 casing

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-738
Effective 1-4-68

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

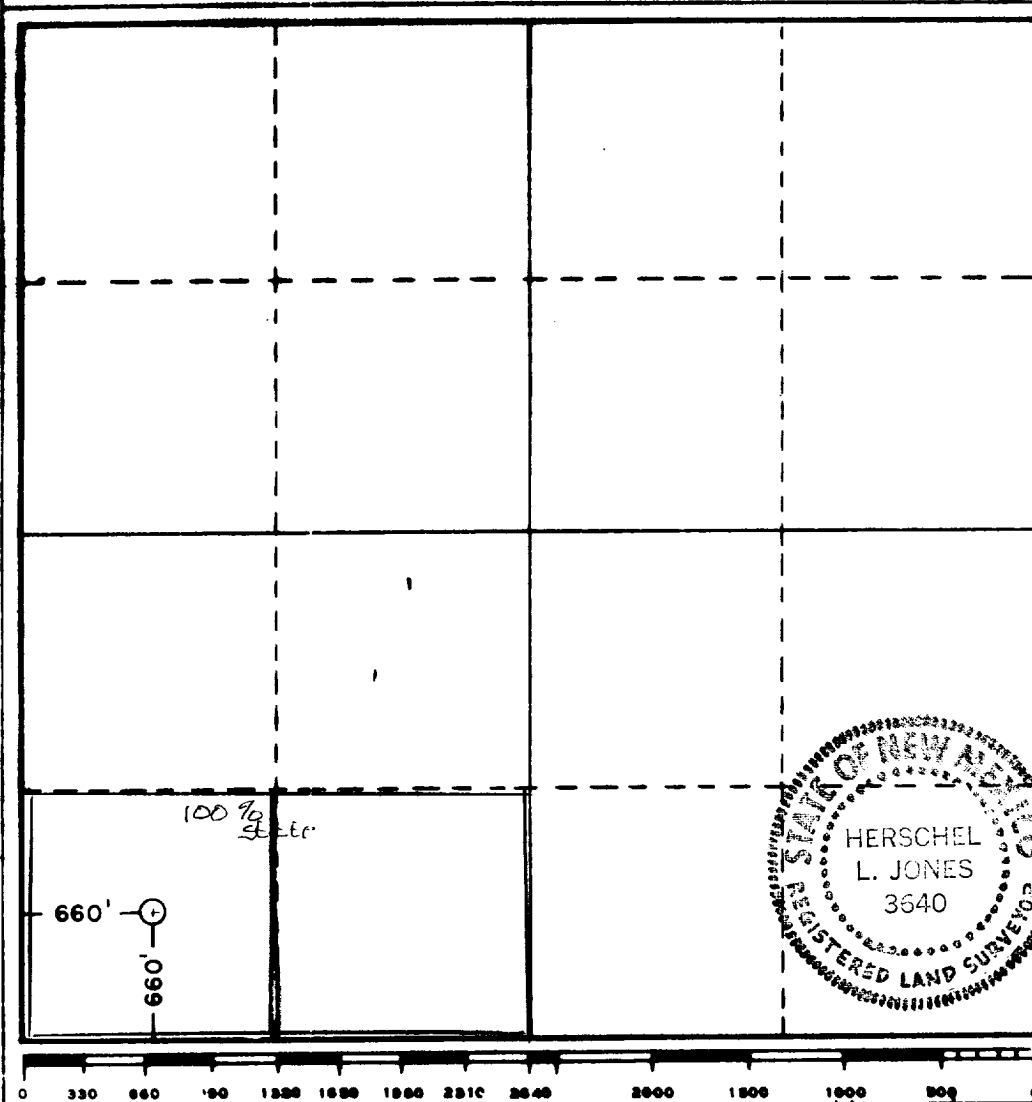
Operator Wm. Barnhill			Lease Wm. Barnhill No. 1 Allied State			Well No. 1		
Unit Letter "M"	Section 15	Township 19 South	Range 23 East	County Eddy				
Actual Footage Location of Well: 660 feet from the South line and 660 feet from the West line								
Ground Level Elev. 3976	Producing Formation Devonian			Pool Wildcat			Dedicated Acreage: 40 - 00 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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.

Wm. B. Barnhill
Name **Wm. B. Barnhill**

Position **Operator**

Company **Wm. B. Barnhill**

Date **March 12, 1979**

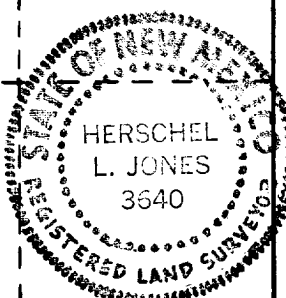
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

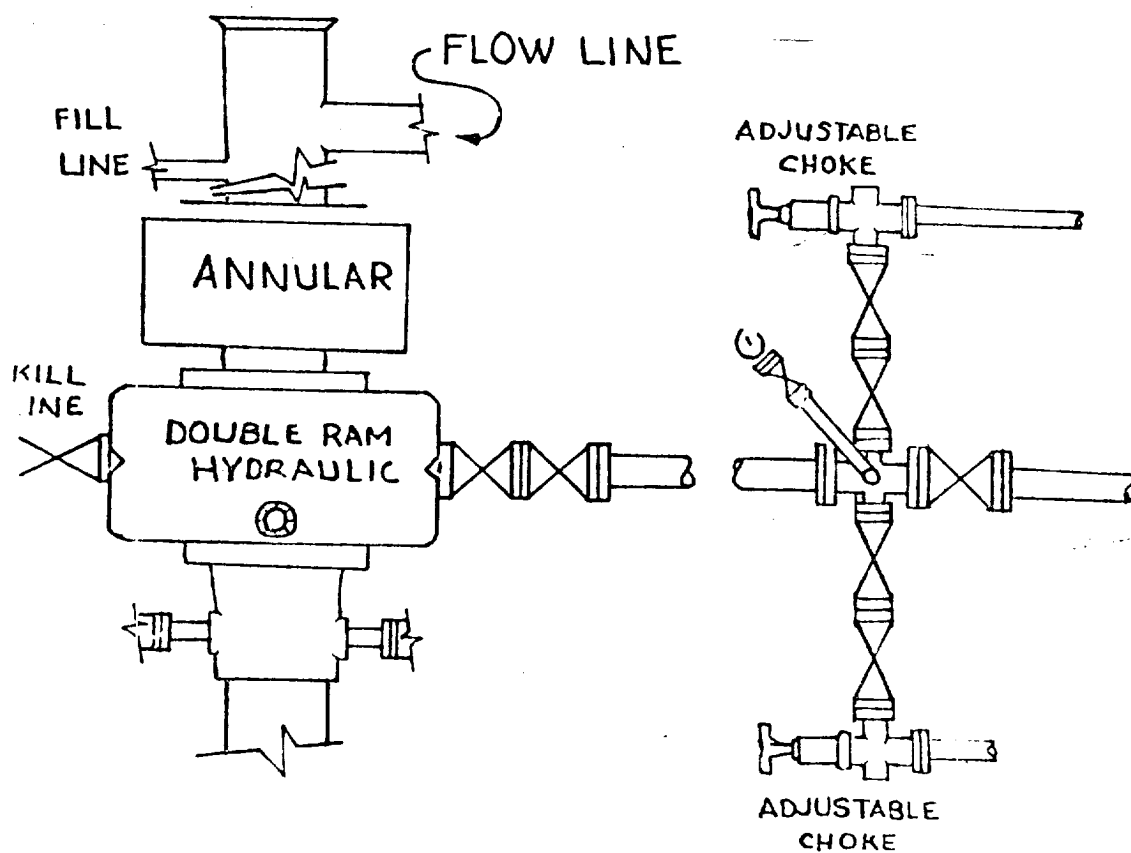
Date Surveyed
March 10, 1979

Registered Professional Engineer and/or Land Surveyor

Herschel L. Jones

Certificate No.
3640





Blow-out preventers to be used on Barnhill #1 Siegest