

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

CONSERVATION DIVISION

30-015-26372
Form C-101
Revised 10-1-78

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RECEIVED BY O. BOX 2088
SANTA FE, NEW MEXICO 87501
AUG 09 1985
O. C. D.
ARTESIA, OFFICE

3A. Indicate Type of Lease
STATE ☒ REC ☐

5. State Oil & Gas Lease No.
B-11539

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 checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>				8. Farm or Lease Name Humble - Thomas <i>ST</i>	
2. Name of Operator Arch Petroleum Inc. <input checked="" type="checkbox"/>				9. Well No. 2	
3. Address of Operator 777 Taylor, Suite IIA, Ft. Worth, Texas 76102				10. Field and Pool, or Wildcat Artesia - On, Gb, SA	
4. Location of Well UNIT LETTER <u>B</u> LOCATED <u>990</u> FEET FROM THE <u>north</u> LINE AND <u>1650</u> FEET FROM THE <u>east</u> LINE OF SEC. <u>9</u> TWP. <u>18s</u> RGE. <u>28e</u> NMPM				12. County Eddy	
19. Proposed Depth 2600				19A. Formation San Andres	
20. Rotary or C.T. Rotary					
21. Elevations (Show whether DF, KI, etc.) 3645.2		21A. Kind & Status Plug. Bond Active Blanket		22. Approx. Date Work will start Upon Approval	

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4"	8 5/8"	24#	350'	350 sx	Surface
7 7/8"	4 1/2"	10.5#	2600'	650 sx	Surface

Drill to TD, log, run casing, perforate, Stimulate, and complete.
BOP will be used.

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 2-20-86
UNLESS DRILLING UNDERWAY

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 Scott Vider Title Geologist Date 8-9-85

(This space for State Use)

Original Signed By
Mike Williams

APPROVED BY Mike Williams TITLE Oil & Gas Inspector DATE AUG 20 1985

CONDITIONS OF APPROVAL, IF ANY

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

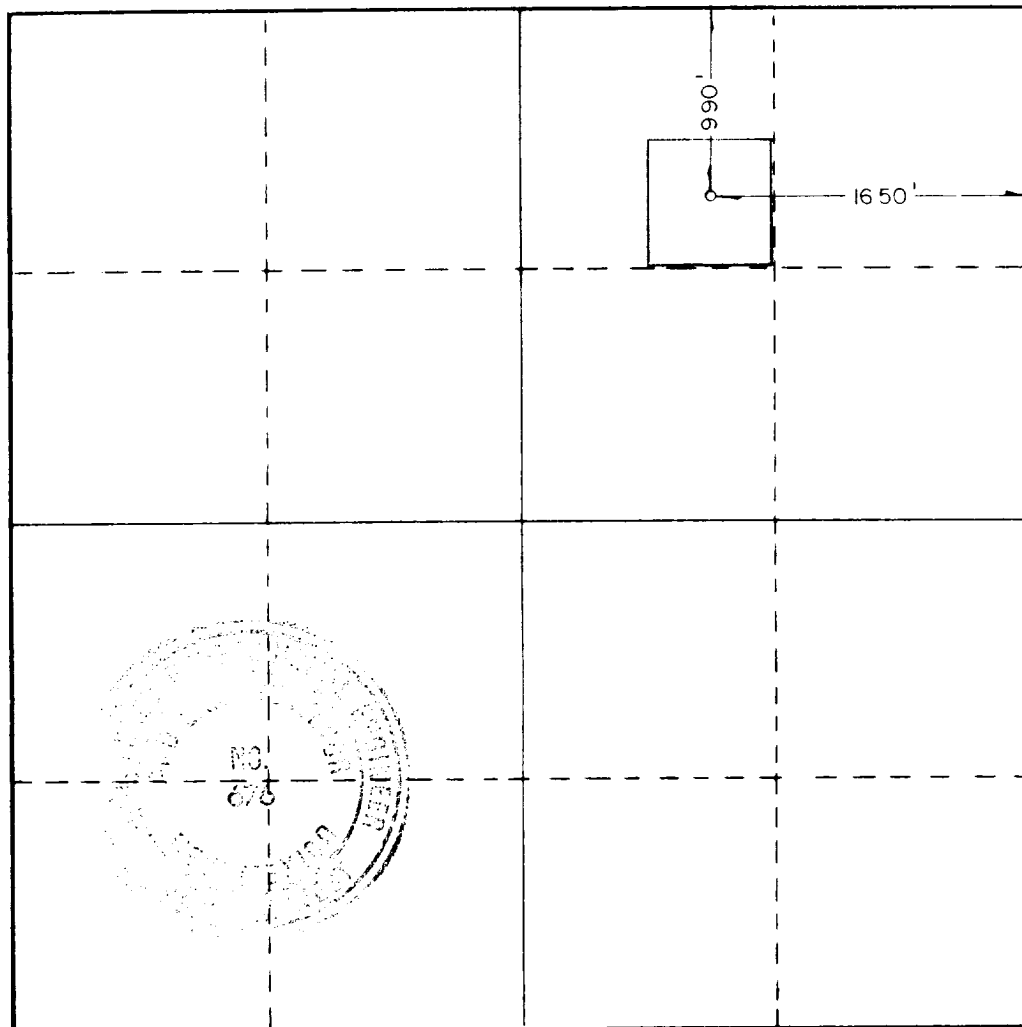
Operator ARCH PETROLEUM, INC.			Lease HUMBLE STATE THOMAS			Well No. 2		
Tract Letter B	Section 9	Township 18S	Range 28E	County EDDY				
Actual Footage Location of Well: 990 feet from the NORTH line and 1650 feet from the EAST line								
Ground Level Elev. 3645.2	Producing Formation		Pool Artesia - Qn, Gb, SA			Dedicated Acreage: 10 11 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
Scott J. Miller
Position
Geologist
Company
Arch Petroleum, Inc.
Date
8-9-85

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
8/6/85
Registered Professional Engineer
and/or Land Surveyor
John W. West

Certificate No. JOHN W. WEST, 676
RONALD J. EIDSON, 3239