

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM-0468126	
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"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR THOMPSON ENGR. & PROD. CORP. 37581		7. UNIT AGREEMENT NAME	
3. ADDRESS AND TELEPHONE NO. 7415 E. Main Farmington, New Mexico 87402 (505) 327-4892		8. FARM OR LEASE NAME, WELL NO. Callow #1R 15046	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1850'FSL & 790'FEL At proposed prod. zone Same		9. AP WELL NO. 30-045-29474	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 2 Miles South of Farmington, New Mexico		10. FIELD AND POOL, OR WILDCAT West Kutz Pictured Cliffs 79680	
10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 790'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 27, T29N, R13W	
16. NO. OF ACRES IN LEASE 160		12. COUNTY OR PARISH 13. STATE San Juan NM	
18. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 200'		17. NO. OF ACRES ASSIGNED TO THIS WELL 160	
19. PROPOSED DEPTH 1600'		20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5710' GR		22. APPROX. DATE WORK WILL START* August 15, 1997	

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
8 3/4"	7" K-55	20#	120'	36 cu. ft.
6 1/4"	4 1/2" K-55	105#	1600'	334 cu. ft.

This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4.

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS"

Thompson Engr. & Prod. Corp. proposes to drill a vertical well to test the West Kutz Pictured Cliffs Formation at the above described location in accordance with the attached drilling and surface use plan.

This APD is also serving as an application to obtain BLM land and pipeline ROW. Approximately 200' of new access road will be built which crosses the NE/SE of Section 27 where it connects with an existing road.

RECEIVED
AUG - 4 1997
OIL CON. DIV.
DIST. 3

RECEIVED
FARMINGTON, NM
57 JUL 29 AM 11:38

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Paul C. Thompson TITLE President DATE 7/28/97

(This space for Federal or State office use)

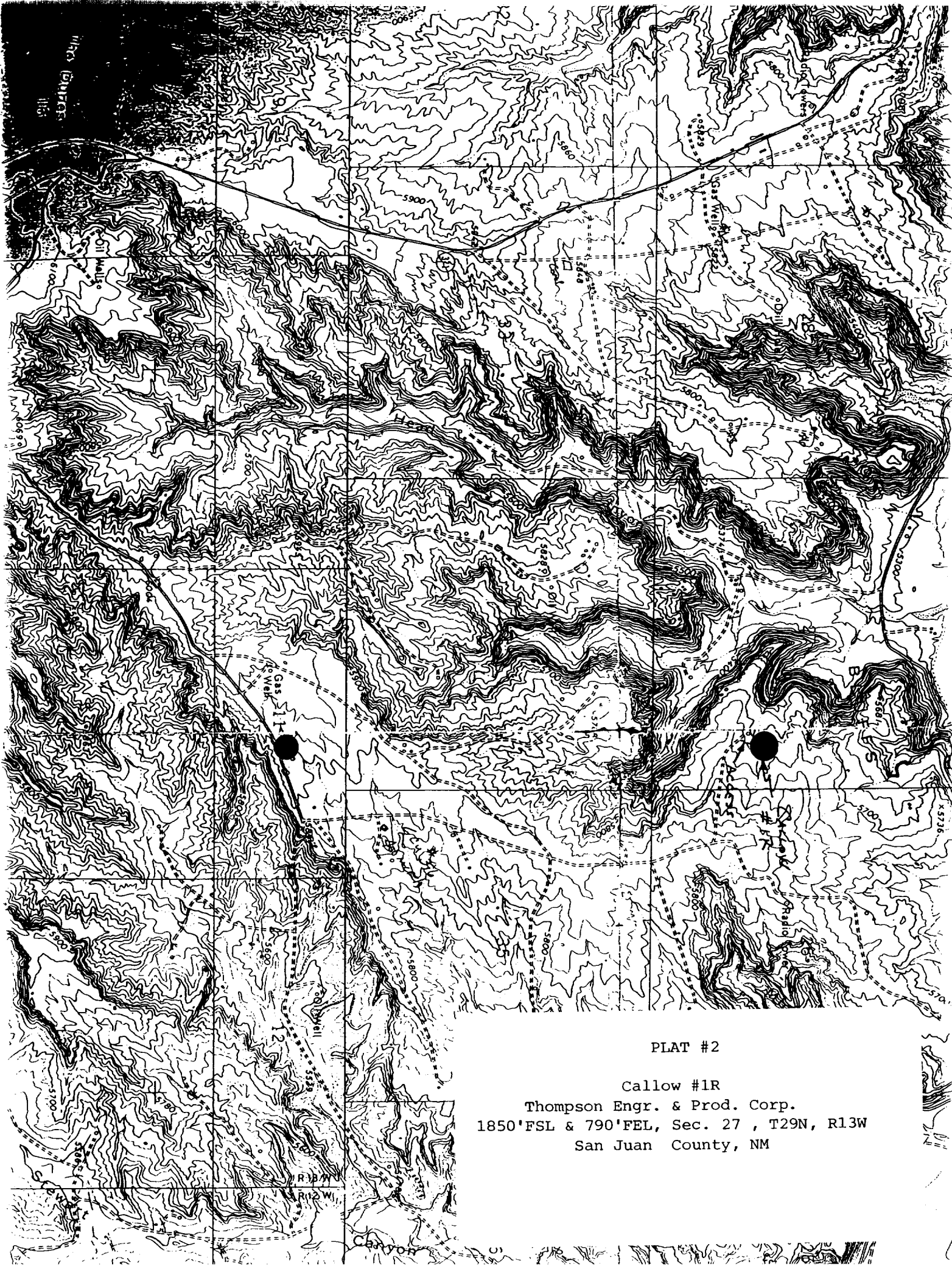
PERMIT NO. _____ APPROVAL DATE JUL 31 1997

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY WAYNE TOWNSEND TITLE Pet. Eng. DATE 7/31/97

*See Instructions On Reverse Side

<p>16</p>	<p>5289.24'</p>	<p>17 OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</p>
	<p>RECEIVED</p> <p>AUG - 4 1997</p> <p>OIL CON. DIV.</p> <p>DIST. 3</p>	<p><u>Paul C. Thompson</u></p> <p>Signature</p> <p><u>Paul C. Thompson</u></p> <p>Printed Name</p> <p><u>President</u></p> <p>Title</p> <p><u>7/28/97</u></p> <p>Date</p>
<p>5280.00'</p>	<p>27</p> <p>790'</p> <p>1950'</p> <p>5280.00'</p> <p>5294.88'</p>	<p>18 SURVEYOR CERTIFICATION</p> <p>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 belief.</p> <p><u>4/30/97</u></p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor</p> <p>NEALE C. EDWARDS</p> <p>NEW MEXICO</p> <p>6857</p> <p>REGISTERED PROFESSIONAL SURVEYOR</p> <p>6857</p> <p>Certificate Number</p>



PLAT #2

Callow #1R

Thompson Engr. & Prod. Corp.

1850'FSL & 790'FEL, Sec. 27 , T29N, R13W

San Juan County, NM