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NEW MEXICO OIL CONSERVATION COMMISSION

30-045-23196
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	
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name B. Montoya 25	
2. Name of Operator Palmer Oil & Gas Company		9. Well No. #1	
3. Address of Operator P. O. Box 2564, Billings, Montana 59103		10. Field and Pool, or Wildcat Blanco M.V.	
4. Location of Well UNIT LETTER H LOCATED 1850 FEET FROM THE North LINE AND 790 FEET FROM THE East LINE OF SEC. 25 TWP. 32N RGE. 13W NMPM		12. County San Juan	
19. Proposed Depth 5100'		19A. Formation Mesaverde	
20. Rotary or C.T. Rotary		21. Elevations (Show whether DF, RT, etc.) 5866' GL	
21A. Kind & Status Plug. Bond Blanket		21B. Drilling Contractor Four Corners	
22. Approx. Date Work will start September 15, 1978			

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#	225	250	
8-3/4"	7"	20#	3900	150	
6-1/4"	4-1/2"	10.5#	5100	250	

- Palmer Oil & Gas plans to drill a Mesaverde test in the SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 25-32N-13W.
- Palmer Oil & Gas is in the process of communitizing 40 acres of Federal Lease No. SF078818-A with 280 acres of fee acreage and designates the N $\frac{1}{2}$ as the spacing unit as illustrated and outlined in red on the attached plat.
- We plan to gas drill below the 7' and set 4 $\frac{1}{2}$ " liner from TD to 3800' if productive or plug and abandon as required by the Oil & Gas Commission if dry.
- If productive, the well will be completed by perforating, break down perforations with acid and frac with gelled water, N₂ and 10/20 sand as required.
- Survey plat attached. *gas not electriced*

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 Robert D. Ballantyne Title Drilling Superintendent Date July 27, 1978
 (This space for State Use)

APPROVED BY Frank S. Chang TITLE DEPUTY OIL & GAS COMMISSIONER DATE 978

CONDITIONS OF APPROVAL, IF ANY:

Mean	-
Standard deviation	128
Median	55

PRIMER OIL & GAS COMPANY 1510 85 3211		Blanco-Mesaverte 21 San Juan	
1510 85 3211		Blanco-Mesaverte 21 San Juan	

- Outline the acreage dedicated to the sale of well by colored pencil or hatchure no
- If more than one lease is dedicated to the sale of well, identify the owner (interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interests of all owners consolidated by communitization, unitization or forced pooling.

☐ Yes ☒ No If answer is "Yes" list the owners and interests which have actually been consolidated. (The reverse of this form if necessary.)

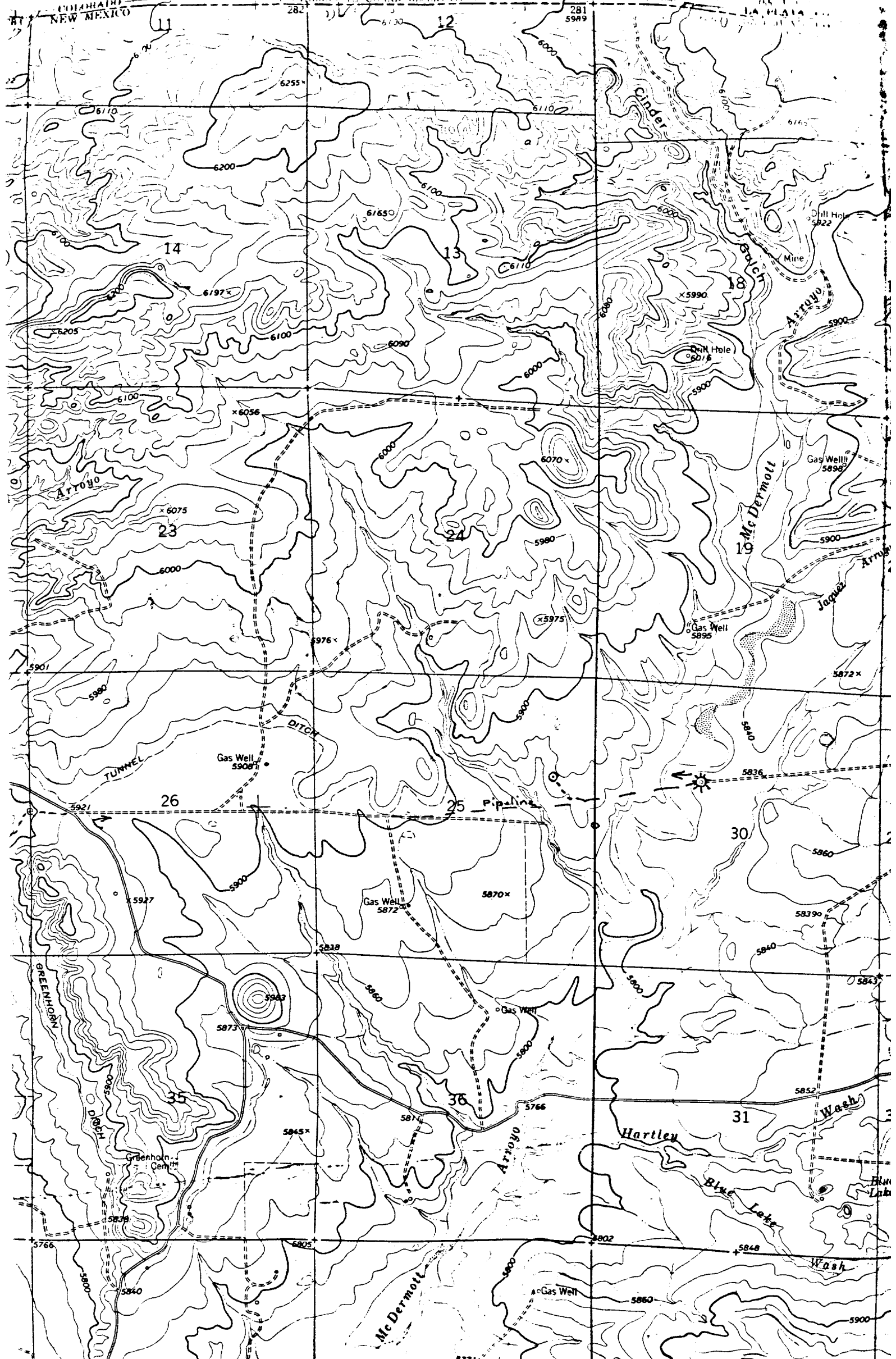
No allowable will be assigned to the well if no lease has been consolidated by communitization, unitization or forced pooling, or otherwise) or until it results in a lease which such interests, has been reported by the state.

hereby certify that the above described well is a new and existing leasehold property of the

Robert D. Gallant
 Attorney
 William Superior
 Attorney
 Palmer Oil & Gas
 July 26, 1973

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Vicinity Map for
PALMER OIL & GAS COMPANY #1 B. Montoya
1850'FNL 790'FEL Sec 25-T32N-R13W
San Juan County, New Mexico

SEVEN POINT WELL CONTROL PLAN

PALMER OIL & GAS COMPANY
B. Montoya 25 #1
SE $\frac{1}{4}$ NE $\frac{1}{4}$ Section 25-T32N-R13W
San Juan County, New Mexico

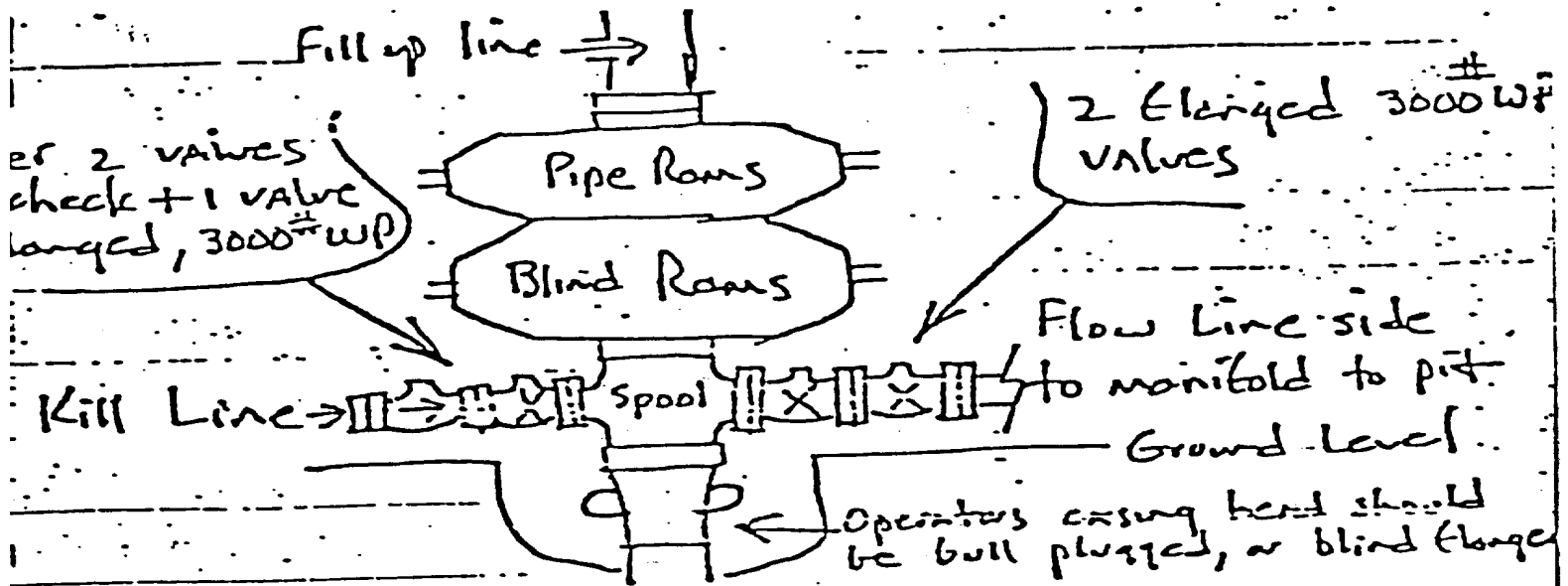
1. Surface Casing: 9-5/8" 36#/ft., Grade K-55, Short T&C, set at 250' and cemented with pump and plug method back to surface.
2. Casinghead Flange: 9-5/8" X 8" 900S top 1500 psig W. P. Larkin (or equivalent) casinghead with two 2" 1500 psi L. P. outlets.
3. 7" intermediate casing will be set to approximately 3900' to case off any possible water from the Picture Cliff formation so as the remaining hole can be gas drilled.
4. Blowout Preventor: An 8" 3000 psig W. P. Double gate hydraulic Shaffer BOP (or equivalent) with drill pipe rams and blind rams. All fill, kill and choke lines will be minimum of 2" 2000 psi working pressure. The rams will be closed daily and checked for proper operation.
5. Auxillary Equipment: a) Drill pipe floats will be allowed at contractor's discretion; b) Visual and manual monitoring of mud system will be maintained.
6. Anticipated bottom hole pressure is less than 1200 psi at 5100' or a gradient of .24 psi/ft.
7. Well will be drilled with water base mud system with 8.8 - 9.0 ppg weight 35-45 seconds viscosity to 3900' - Gas drilling from 3900' to T.D.

PALMER OIL & GAS COMPANY

By: Robert D. Ballantyne
Robert D. Ballantyne

RDB/dkk

LOWOUT PREVENTOR EQUIPMENT



Detail Flow Line Side (manifold)
(All fillings flanged & WP at 3000[#])

