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NEW MEXICO OIL CONSERVATION COMMISSION

MAY 6 1981

O. C. D.
ARTESIA, OFFICE

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease
STATE ☒ FEE ☐

5. State Oil & Gas Lease No.
L-6283

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"/>		8. Farm or Lease Name Huber State 20	
2. Name of Operator Southland Royalty Company		9. Well No. 1	
3. Address of Operator 1100 Wall Towers West: Midland, Texas 79701		10. Field and Pool, or Willent Undesignated (Wildcat) <i>Merlow</i>	
4. Location of Well UNIT LETTER <u>J</u> LOCATED <u>1980</u> FEET FROM THE <u>South</u> LINE AND <u>1980'</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>16</u> TWP. <u>14-S</u> RGE. <u>26-E</u> NMEB		12. County Chaves	
19. Proposed Depth 7300'		19A. Formation Morrow	
20. Rotary or C.T. Rotary		21. Elevations (show whether DT, RT, etc.)	
21A. Kind & Status Plug. Bond Blanket		21B. Drilling Contractor Hondo Drilling Co.	
22. Approx. Date Work will start April 10, 1981			

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
15"	11 3/4"	42#	400'	350 sx	Surface
11"	8 5/8"	24#	1350'	650 sx	Surface
7 7/8"	4 1/2"	10.5&11.6	7300'	800 sx	5400'

Dril 15" hole to 400'. Set csg @ 400'; Circ cmt. Dril 11" hole w/wtr to depth of 1350'. Set csg @ 1350'; Circ cmt. Dril 7 7/8" hole to 7300' w/fresh wtr; Add brine wtr only as needed to raise mud wt. Dril to TD to 7300' to test Morrow & intermediate zones. Run 4 1/2" csg to TD. Cmt w/sufficient volume to cover all prospective zones. Est. top of cmt @ 5400'. Perf. & stimulate Morrow for production. MUD PROGRAM: 0-400', spud mud; 400'-1350' water; 1350-5900' water; 5900'-TD, Gel, 5% Oil, 3% KCL. Vis 35-40, 15-20cc fluid loss thru Morrow. BHP @ TD anticipated to be 3500 psi. No abnormal pressure expected. BOP PROGRAM: BOP to be tested after installation on 8 5/8" csg by Yellow Jacket, Inc. Gas Not Dedicated

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 11-8-81
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 C. P. Hanson Title District Operations Engineer Date 5-5-81

(This space for State Use)

APPROVED BY W. A. Gussett TITLE SUPERVISOR, DISTRICT II DATE MAY 08 1981

CONDITIONS OF APPROVAL, IF ANY:

Cement must be circulated to surface behind 11 3/4" & 8 5/8" casing

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

NE MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-4-65

All distances must be from the outer boundaries of the Section

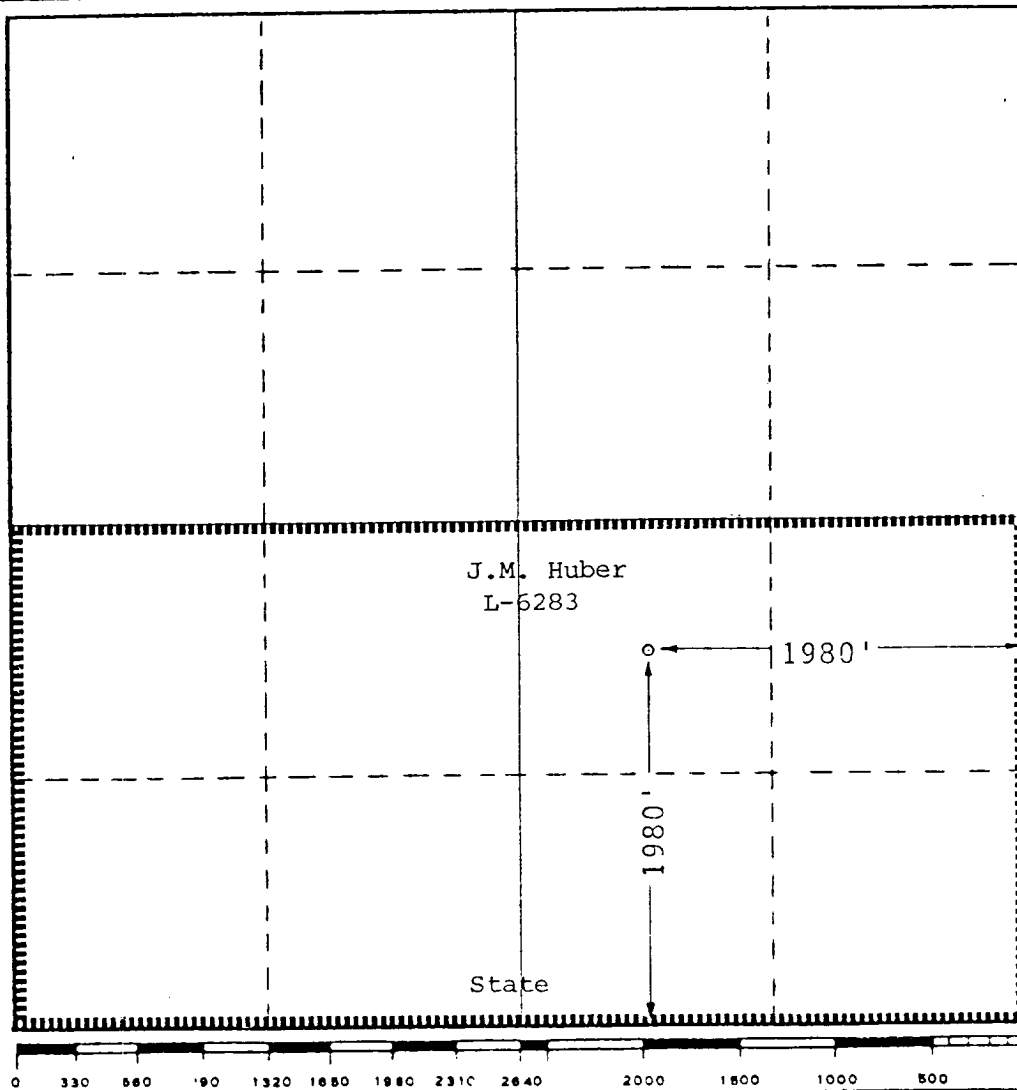
Operator Southland Royalty Co.		Lease Huber State #		Well No. 1
Unit Letter J	Section 16	Township 14	Range 26	County Chaves
Actual Footage Location of Well: 1980 feet from the SOUTH line and 1980 feet from the EAST line				
Ground Level Elev.	Producing Formation Morrow	Pool Undesignated	Dedicated Acreage: 320 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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 *CC Parsons*
Position
District Operations Engineer
Company
Southland Royalty Company
Date
5-5-81

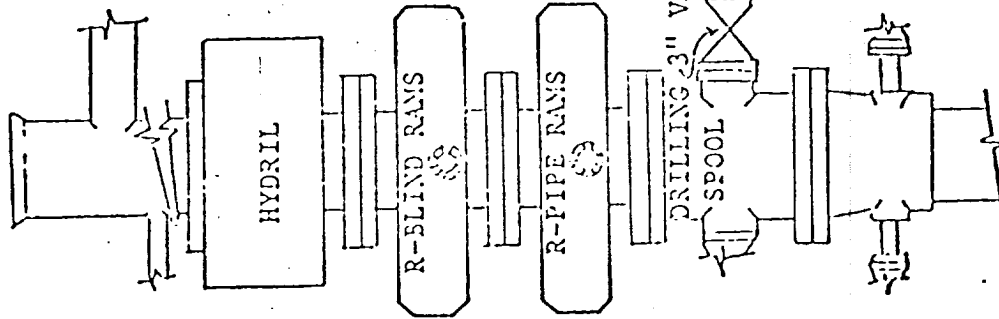
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed *May 5, 1981*

Registered Professional Engineer and Land Surveyor

Ronald J. Eidson

Certificate No. **JOHN W. WEST 878**
PATRICK A. ROMERO 6668
Ronald J. Eidson 3239



BLOW OUT PREVENTION EQUIPMENT
 10" 900s ALL FLANGED CONNECTIONS
 3,000# WORKING PRESSURE - 6,000# TEST

