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NEW MEXICO OIL CONSERVATION COMMISSION

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NOV 12 1980

O. C. D.

30-005-60811

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease
STATE ☐ FEE ☒

5. State Oil & Gas Lease No.

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. Part Agreement Name	
5. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name Hagerman (West) 22	
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 Willnot Undesignated (Wildcat) Morrow	
4. Location of Well UNIT LETTER <u>K</u> LOCATED <u>1980'</u> FEET FROM THE <u>South</u> LINE AND <u>1980'</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>22</u> TWP. <u>14-S</u> RGE. <u>26-E</u> NMPM		12. County Chaves	
19. Proposed Depth 7300'		20. Rotary or C.T. Rotary	
21A. Kind & Status Plug. Bond Blanket	21B. Drilling Contractor Hondo Drilling Co.	22. Approx. Date Work will start November 30, 1980	
24. Elevations (show whether DT, RT, etc.) 3426.9 GR			

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'

Drill 15" hole to 400'. Set csg @ 400'; Circ cmt. Drill 11" hole w/wtr to depth of 1350'. Set csg @ 1350'; Circ cmt. Drill 7 7/8" hole to 7300' w/fresh wtr; Add brine wtr only as needed to raise mud wt. Drill 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 90 DAYS UNLESS
DRILLING COMMENCED,

EXPIRES 2-14-81

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. C. Parsons Title District Operations Engineer Date 11-4-80

(This space for State Use)

APPROVED BY W. A. Gressett TITLE SUPERVISOR, DISTRICT II DATE NOV. 14 1980

CONDITIONS OF APPROVAL, IF ANY:

Cement plug to be set in 11 3/4" casing
surface behind 11 3/4" & 8 5/8" casing

Notify N.M.O.C. District Engineer
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-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

Operator Southland Royalty Co.		Lease Hagerman West 22		Well No. 1
Unit Letter K	Section 22	Township 14 South	Range 26 East	County Chaves
Actual Fracture Location of Well: 1980 feet from the south line and 1980 feet from the west line				
Ground Level Elev. 3426.9	Producing Formation Morrow	Pool Undesignated Wildcat	Dedicated Acreage: 320 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.

Leroy & Betty Nell Miles	Bessie P. Lusk	1st Nat'l Bank of Kansas City, Agent Under Agrmt dated 3/29/39 with Andrew Drumm Institute	Louis J. King, Ruth M. Gunter, Jonnie Stroud, Georgia Calvert, Harold D. Stephens, Viola Layton, Marie Clarence D. King, Marcus D. King
John F. & Thirza W. Farmer 1980	E.J. & Essie W. Wranosky	1st Nat'l Bank of Kansas City, Agent Under Agrmt dated 3/29/39 with Andrew Drumm Institute	Lawrence & Marion V. Harris
1st Nat'l Bank of Kansas City, Agent Under Agrmt dated 3/29/39 with Andrew Drumm Institute	1st Nat'l Bank of Kansas City, Agent Under Agrmt dated 3/29/39 with Andrew Drumm Institute	1st Nat'l Bank of Kansas City, Agent Under Agrmt dated 3/29/39 with Andrew Drumm Institute	Marshall T. Rowley

CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

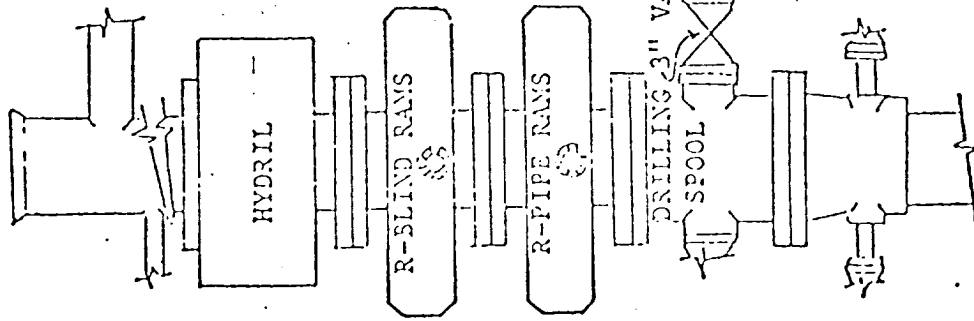
Name C. C. Parsons
Position District Operations Engineer
Company Southland Royalty Company
Date 10/27/80

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 Oct. 23, 1980

Registered Professional Engineer and/or Land Surveyor

John W. West
Certificate No. JOHN W. WEST 676
PATRICK A. ROMERO 6463
Donald L. Edison 3239



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

