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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FEE <input type="checkbox"/>
5. State Oil & Gas Lease No. A-4096	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> 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. Name of Lease Name Scharb "4"	
2. Name of Operator Southland Royalty Company		9. Well No. 3	
3. Address of Operator 1100 Wall Towers West Midland, Texas 79701		10. Field and Pool, or Willcat Undesignated (Wolfcamp)	
4. Location of Well UNIT LETTER <u>A</u> LOCATED <u>660</u> FEET FROM THE <u>North</u> LINE AND <u>660</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>4</u> TWP. <u>19-S</u> RGE. <u>35-E</u> NMPM		11. County Lea	
12. Proposed Depth 10,800'		20. History of C.R. Böne Spring (Wolfcamp FU) Rotary	
21. Elev. Transition whether DR, RI, etc. 3893.7 GR.	21A. Kind & Status Plug. Band Blanket	21B. Drilling Contractor Hondo Drilling Co.	22. Approx. Date Work will start 1-21-81

23.

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#	410'	400 sxs	Surface
11"	8 5/8"	24 & 28#	4100'	1500 sxs	Surface
7 7/8"	5 1/2"	15.5 & 17#	10,800'	400 sxs	8,000' Ext

Dril 15" hole to 410'. Set surface csg @ 410', Circ Cmt. Dril 11" hole w/wtr to depth of 4100'. Set csg @ 4100'; circ cmt. Dril 7 7/8" hole to 7500' w/fresh wtr; Add brine wtr only as needed to raise mud wt. Dril to TD of 10,800' to test Wolfcamp & intermediate horizons w/shows. Run 5 1/2" csg to TD. Cmt w/sufficient volume to cover all prospective zones. Est top of cmt @ 8000'. Perf & stimulate Wolfcamp for production.

MUD PROGRAM: 0-410' spud mud; 410-4100', brine wtr; 4100-7500', fresh water; 7500-8500' cut brine water, 8500-TD, starch, gel, drispac, Vis 40, 10 cc water loss thru Wolfcamp. BHP @ TD anticipated to be 4600 psi. No abnormal pressures expected.

BOP PROGRAM: BOP to be tested after installation of 8 5/8" csg by Yellow Jacket Inc.

APPROVAL VALID FOR _____ DAYS
PERMIT EXPIRES 1/15/82
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 [Signature] Title District Operations Engineer Date 1-15-81

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DATE 1-15-81
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 Southland Royalty Company			Lease Scharb 4		Well No. 3
Unit Letter A	Section 4	Township T 19 S	Range R 35 E	County Lea County	
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between;"> 660' feet from the North line and 660' feet from the East line </div>					
Ground Level Elev. 3893.7	Producing Formation Bone Spring (Wolfcamp EU)		Pool Undesignated		Dedicated Acreage: 40 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

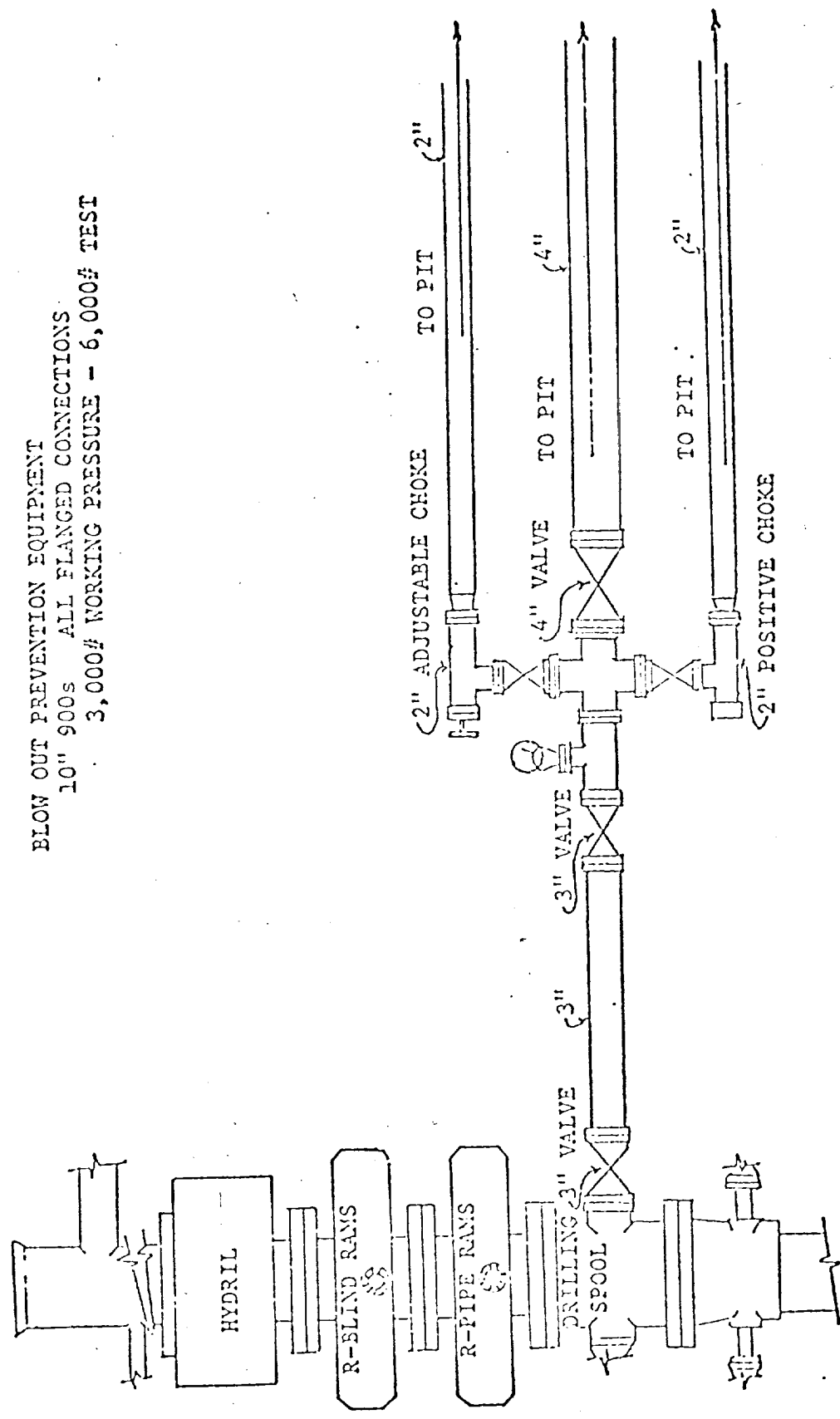
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name *CC Parson*
 Position District Operations Engineer
 Company Southland Royalty Company
 Date 1-15-81

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 January 14, 1981
 Registered Professional Engineer and/or Land Surveyor
Ronald J. Eidson
 Certificate No. John W. West 676
Ronald J. Eidson 3239

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



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