

Form 3160-3
(July 1992)

RECEIVED

N. M. Oil Contr. Division

811 S. 18

ARTESIA, NM 88210-7804
SUMMIT D. APPLICATION
(Other instructions on reverse side)

FORM APPROVED
OMB NO. 1004-0136
Expires: February 28, 1995

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1A. TYPE OF WORK
DRILL ☒ DEEPEN ☐

B. TYPE OF WELL
OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE BORE ☒ MULTIPLE BORE ☐

2. NAME OF OPERATOR
SOUTHWEST ROYALTIES INC. (Nelson Patton) 21355

3. ADDRESS AND TELEPHONE NO.
P.O. BOX 11390 MIDLAND, TEXAS 79702 Ph. 915-686-0027

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface
990' FSL & 1880' FEL SEC. 23 T19S-R30 E EDDY CO. NEW MEXICO
At proposed prod. zone Same Unit 0

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Approximately 25 miles Northeast of Carlsbad New Mexico.

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
(Also to nearest Grig. Nat. line, if any) 990'

16. NO. OF ACRES IN LEASE 720

17. NO. OF ACRES ASSIGNED TO THIS WELL 40

18. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1000'

19. PROPOSED DEPTH 2200'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3291' GR.

22. APPROX. DATE WORK WILL START* As soon as approved

5. LEASE DESIGNATION AND SERIAL NO.
NM-06765 NM06766

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. NAME OF LEASE NAME, WELL NO. # 122
North Hackberry Yates Unit

9. API WELL NO. 30-015-29362

10. FIELD AND POOL, OR WILDCAT
Hackberry N. - Yates 7R's

11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA
Sec. 23 T19S-R30E

12. COUNTY OR PARISH 13. STATE
Eddy Co. New Mexico

CAPPING AND CEMENTING PROGRAM				
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
26"	20" Conductor	NA	40'	Cement to surface/Redi-Mix
17 1/2"	J-55 13 3/8"	54.5	500'	500 Sx. Circulate to surface
12 1/4"	J-55 8 5/8"	24	1600'	450 Sx. Circulate to surface
7 7/8"	J-55 5 1/2"	15.5	2200'	300 Sx.

1. Drill 26" hole to 40'. Set 40' of 20" conductor pipe and cement to surface with Redi-Mix.
2. Drill 17 1/2" hole to 500'. Run and set 500' of 13 3/8" J-55 54.5# ST&C casing. Cement with 500 Sx. Class "C" + 2% CaCl + 4% Gel + 1/4# Flocele/Sx circulate cement to surface.
3. Drill 12 1/4" hole to 1600'. Run and set 1600' of 8 5/8" J-55 24# ST&C casing. Cement with 300 Sx. 35:65:6 Light cement + 10% salt + :# Flocele/Sx. mix @ 12.7#/Gal and yield 1.81, tail in with 150 Sx. Class "C" + 2% CaCl + 1/3 Flocele/Sx. Mix @ 14.8#/Gal and yield 1.34. Circulate cement to surface.
4. Drill 7 7/8" hole to 2200'. Run and set 2200' of J-55 5 1/2" 15.5# ST&C casing. Cement with 300 Sx. Class "C" + .7% Fl-62 + .3% CD-32 + 2% Fresh water control.

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.

SIGNED: Joe T. Gannon TITLE: Agent DATE: 11/01/96

(This space for Federal or State office use)

PERMIT NO. APPROVAL DATE

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: TITLE: DATE:

*See Instructions On Reverse Side

DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
P.O. BOX 2088, SANTA FE, N.M. 87504-2088

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-29362	Pool Code 29490	Pool Name HACKBERRY NORTH - YATES, 7 R&S
Property Code 10635	Property Name NORTH HACKBERRY YATES UNIT	Well Number 122
OGRID No. 021355	Operator Name SOUTHWEST ROYALTIES INC.	Elevation 3291

Surface Location

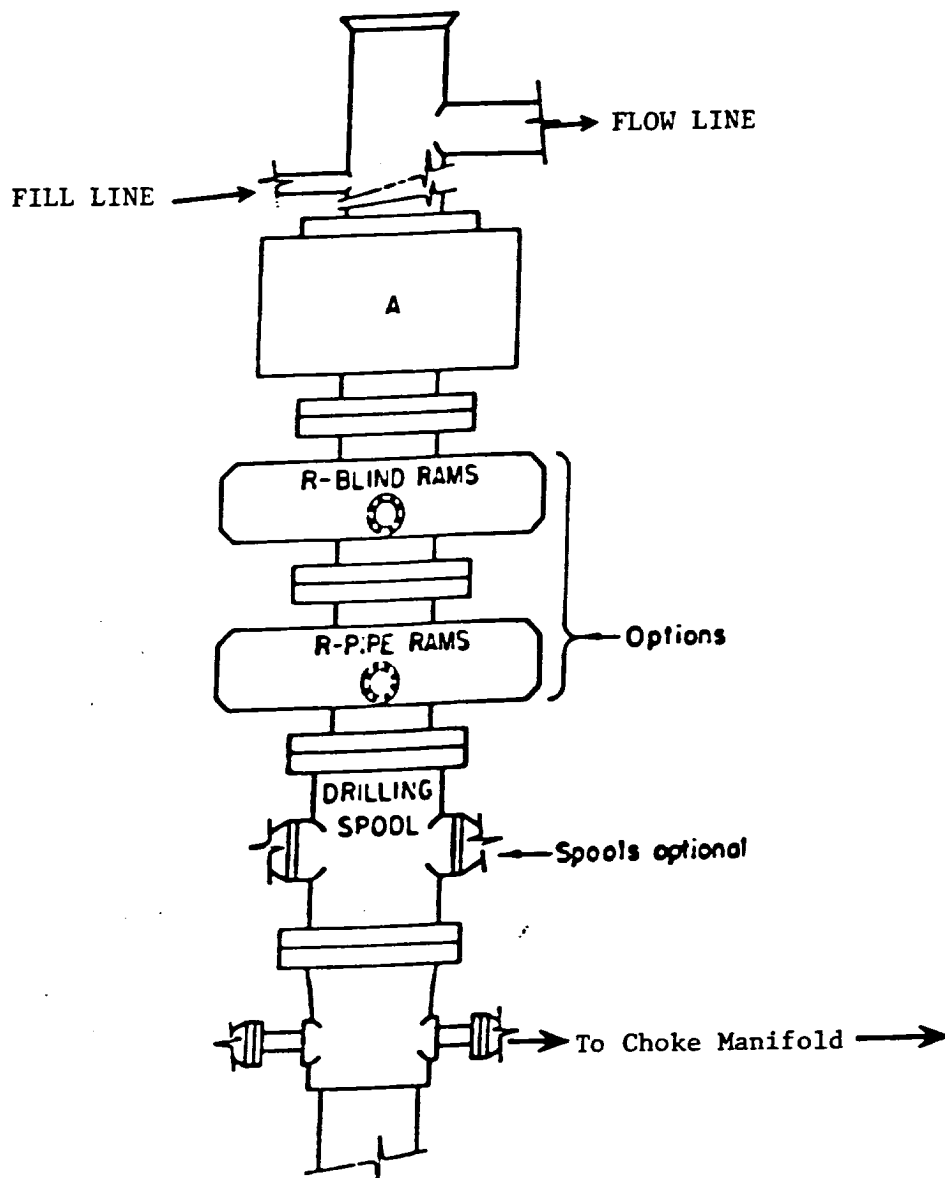
UL or lot No. 0	Section 23	Township 19 S	Range 30 E	Lot Idn	Feet from the 990	North/South line SOUTH	Feet from the 1880	East/West line EAST	County EDDY
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Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. Signature Joe T. Janica Printed Name Agent Title 11/01/96 Date
	SURVEYOR CERTIFICATION 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. OCTOBER 18, 1996 Date Surveyed Signature & Seal of Professional Surveyor Certificate No. JOHN A. WEST 676 RONALD D. EIDSON 3239 RONALD EIDSON 12641



ARRANGEMENT SRRA

900 Series
3000 PSI WP

EXHIBIT "E"
B.O.P. SKETCH TO BE USED ON
SOUTHWEST ROYALTIES, INC.
NORTH HACKBERRY YATES UNIT #122
990' FSL & 1880' FEL SEC. 23
T19S-R30E EDDY CO. NM