

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1A. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. LC-060527		
B. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME -----		
2. NAME OF OPERATOR SOUTHWEST ROYALTIES INC. 21355 (Nelson Patton)		7. UNIT AGREEMENT NAME -----		
3. ADDRESS AND TELEPHONE NO. P.O. BOX 11390 MIDLAND, TEXAS 79702 Ph. 915-686-0027		8. FARM OR LEASE NAME, WELL NO. McIntyre "F" # 3 20356		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 2310' FSL & 990' FEL SEC. 17 T17S-R30E EDDY CO. NM At proposed prod. zone Same Unit I		9. API WELL NO. 30-015-29354		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* .75 miles Northwest of Loco Hills New Mexico		10. FIELD AND POOL, OR WILDCAT GRAYBURG-JACKSON TRUS, On Grbg, San A.		
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drg. unit line, if any) 990'		11. SEC., T., R. N., OR BLE. 28509 AND SURVEY OR AREA T17S-R30E		
16. NO. OF ACRES IN LEASE 80		12. COUNTY OR PARISH 13. STATE Eddy Co. New Mexico		
17. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 500'		14. NO. OF ACRES ASSIGNED TO THIS WELL 40		
18. PROPOSED DEPTH 5000'		20. NOTARY OR CABLE TOOLS Rotary		
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3672' GR.		22. APPROX. DATE WORK WILL START* As soon as approved		
23. PROPOSED CASING 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 with w/s
12 1/4"	J-55 8 5/8"	24	550'	225 Sx. circulate to surface with w/s
7 7/8"	J-55 5 1/2"	15.5	5000'	500 Sx. T.C. 600' of upper pay

1. Drill 26" hole to 40'. Set 40' of 20" conductor and cement to surface with Redi-Mix.
2. Drill 12 1/4" hloe to 550'. Run and set 550' of J-55 8 5/8" 24# ST&C casing. Cement with 225 Sx. Class "C" + 2% CaCl + 1/4# Flocele/ Sx. Circulate cement to surface.
3. Drill 7 7/8" hole to 5000'. Run and set 5000' of J-55 5 1/2" 15.5# ST&C casing. Cement with 500 Sx. Class "C" cement + 2% Gel + 5# Salt/Sx. + 10# Microbond/Sx. + .4% LAP-1. Top of cement to be 600' above upper most Hydrocarbon bearing zone.

Posted IO-1
HL & API
2-7-97

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.

24. SIGNED Joe T. James TITLE Agent DATE 12/04/95
(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 (ORIG. SGD.) TONY J. BERGUS TITLE ADM. MINERALS DATE 1-27-97

*See Instructions On Reverse Side

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 30-015-29354	Pool Code 39520 28509	Grayburg Jackson; Grayburg Jackson QUEEN, GRAYBURG, SAN ANDRES	Pool Name TRUS,
Property Code	Property Name McINTYRE F		Well Number 3
OGRID No. 021355	Operator Name SOUTHWEST ROYALTIES INC.		Elevation 3672

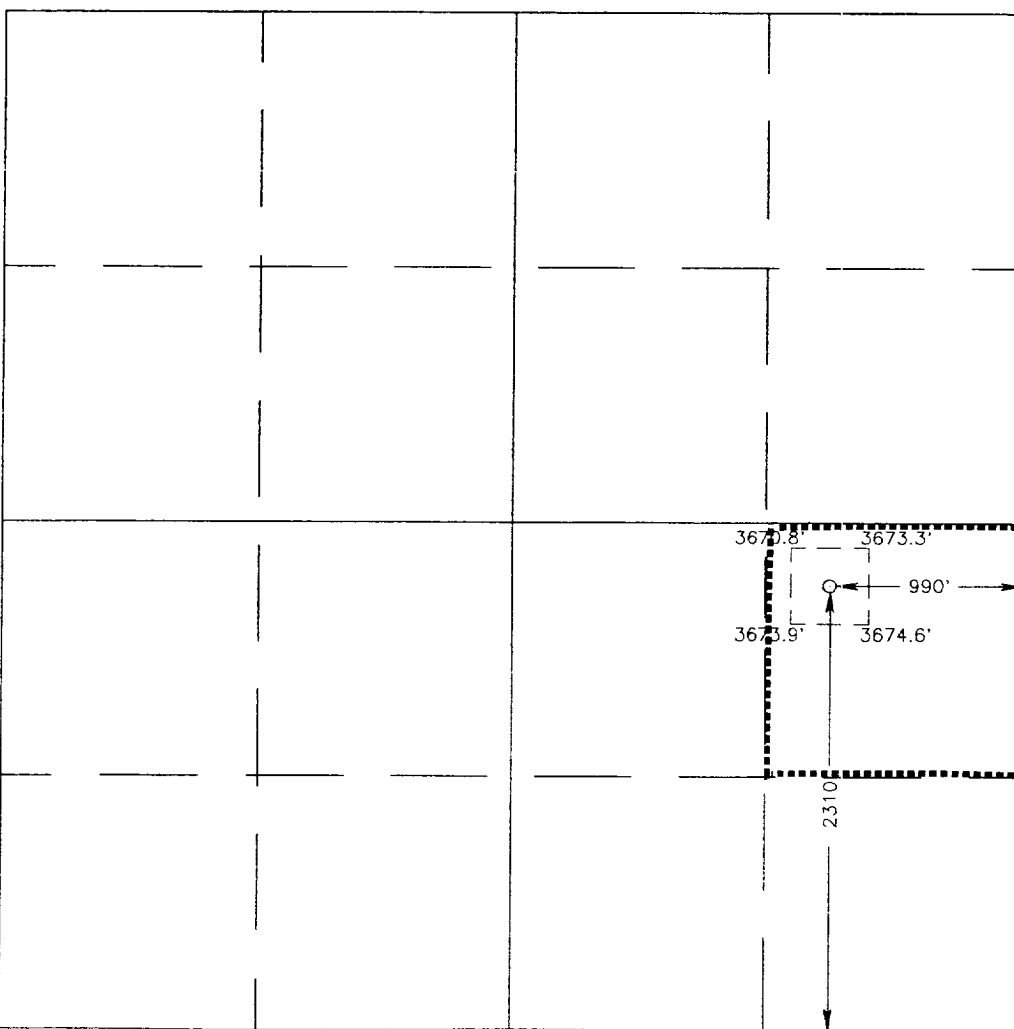
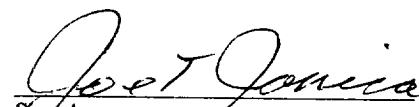
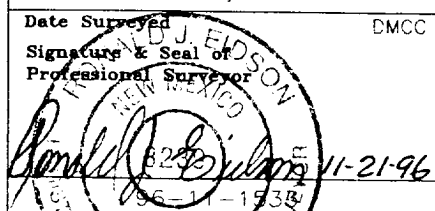
Surface Location

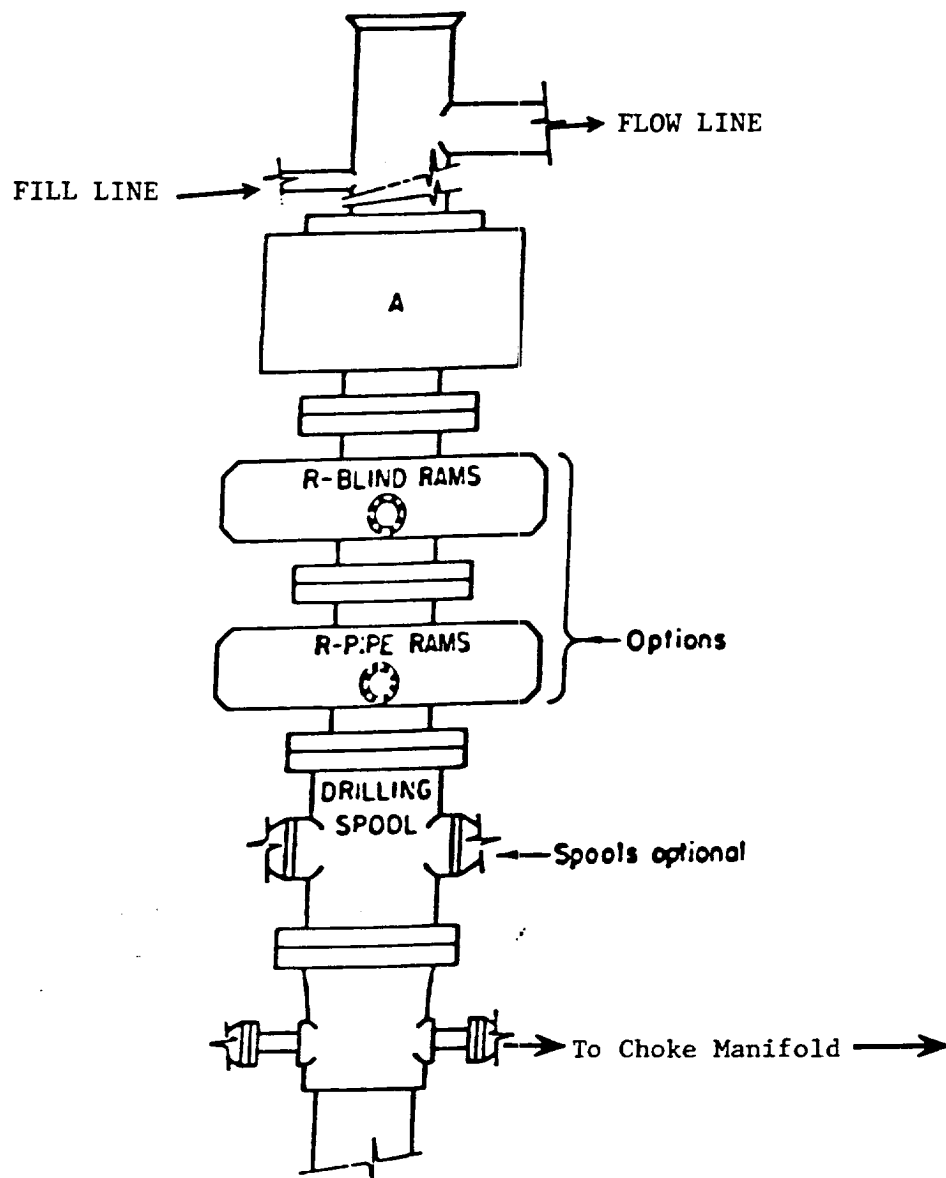
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	17	17 S	30 E		2310	SOUTH	990	EAST	EDDY

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>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</i>  Signature Joe T. Janica Printed Name Agent Title 12/04/96 Date
	SURVEYOR CERTIFICATION <i>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.</i> NOV. 20, 1996 Date Surveyed Signature & Seal of Professional Surveyor  Certificate No. JOHN W. WEST 676 RONALD L. EIDSON 3239 AGENCY 12641



ARRANGEMENT SRRA

900 Series
3000 PSI WP

EXHIBIT "E"
B.O.P. SKETCH TO BE USED ON
SOUTHWEST ROYALTIES INC.
McINTYRE "F" # 3
2310' FSL & 990' FEL SEC. 17
T17S-R30E EDDY CO. NM