

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Reg. Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Revised October 18, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

RECEIVED

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

Operator Name and Address. SOUTHWEST ROYALTIES INC. P.O. BOX 11390 MIDLAND, TEXAS 79702		OGRID Number 021355
Property Code 21146	Property Name LUCKY DUCK "18" STATE	Well No. 1

Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
P	18	17S	29E		890	5	840	E	EDDY

Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County

Proposed Pool 1 ANDERSON WOLFCAMP 96417	Proposed Pool 2
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Work Type Code N	Well Type Code O	Cable/Rotary R	Lease Type Code S	Ground Level Elevation 3644' GR.
Multiple NO	Proposed Depth 9100'	Formation WOLFCAMP	Contractor Unknown	Spud Date As soon as approved

Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
25"	20"	Conductor	40'	Redi-mix	Surface
17 1/2"	13 3/8"	48	450	500 Sx.	"
12 1/4"	8 5/8"	32	2600'	1000 Sx.	"
7 7/8"	5 1/2"	15.5 & 17	9100'	1000 Sx	2400' TC

Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

1. Drill 25" hole to 40'. set 40' of 20" conductor and cement to surface with Redi-mix.
2. Drill 17 1/2" hole to 450'. Run and set 450' of 13 3/8" 48# H-40 ST&C casing. Cement with 500 Sx. Class "C" cement + 2% CaCl, circulate cement to surface.
3. Drill 12 1/4" hole to 2600'. Run and set 2600' of 8 5/8" 32# J-55 ST&C casing. Cement with 1000 Sx. of Class "C" cement + additives, circulate cement to surface.
4. Drill 7 7/8" hole to 9100'. Run and set 9100' of 5 1/2" 15.5 & 17 # LT&C casing. Cement with 1000 Sx. Class "H" cement + additives tie back into 8 5/8" casing top of cement 2400'.

Posted 10-1
N & API
8-8-97

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

Signature:

Printed name: Joe T. Janica

Title: Agent

Date: 07/31/97

Phone: 505-392-2112

OIL CONSERVATION DIVISION

Approved by:

ORIGINAL SIGNED BY TIM W. GUM
DISTRICT II SUPERVISOR

Title:

Approval Date:

AUG 4 1997

Expiration Date:

8-4-98

Conditions of Approval:

Attached ☐