

State of New Mexico
Energy, Minerals & Natural Resources

Form C-101
Revised March 17, 1999

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. 1st Street, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Submit to appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

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

¹ Operator Name and Address Energen Resources Corporation 3300 N. "A" St., Bldg 4, Ste. 100, Midland, TX 79705		² OGRID Number 162928
		³ API Number 30-025-36625
⁴ Property Code 23267	⁵ Property Name Langlie Lynn Queen Unit	⁶ Well No. 1 WSW

⁷ Surface Location									
UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
P	22	23S	36E		569	South	245	East	Lea

⁸ Proposed 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
⁹ Proposed Pool 1 WSW; Santa Rosa (96747)					¹⁰ Proposed Pool 2				

¹¹ Work Type Code N	¹² Well Type Code W	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3370'
¹⁶ Multiple No	¹⁷ Proposed Depth 1800' +/-	¹⁸ Formation Santa Rosa/Rustler	¹⁹ Contractor TBD	²⁰ Spud Date ASAP

²¹ Proposed Casing and Cement Program					
Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12-1/4"	9-5/8"	32.30#	300'	150	Surface
8-3/4"	7"	23#	1800'	350	Surface

²² 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.

Plan to drill a 12 1/4" hole to 300', run 9 5/8" H-40 32.30# ST&C casing and cement to surface w/approximately 200 cu. ft. of cement. We will then NU a 9" 3M# annular-type hydraulic BOP w/a 2" x 3M# choke manifold and drill a 8 3/4" hole to 1800' +/- . Run 7" J-55 23.00# LT&C casing and cement to surface w/approximately 450 cu. ft. of cement. We will then RD the rotary rig, move in a completion unit, perforate and acidize the Santa Rosa and/or Rustler Formations as necessary to place the well on pump for make-up water production.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Carolyn Larson*

Printed name: Carolyn Larson

Title: Regulatory Analyst

Date: 3-5-04

Phone: 432/684-3693

OIL CONSERVATION DIVISION

Approved by: *[Signature]*

Title:

Approval Date: MAR 10 2004

Conditions of Approval:

Attached ☐

This well approved for water supply well only.

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised August 15, 2000
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

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-36625	Pool Code 96747	Pool Name WSW; SANTA ROSA
Property Code 23267	Property Name LANGLIE LYNN QUEEN UNIT	Well Number 1 WSW
OGRID No. 162928	Operator Name ENERGEN RESOURCES CORPORATION	Elevation 3370'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	22	23 S	36 E		569	SOUTH	245	EAST	LEA

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	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.

Carolyn Larson
Signature

Carolyn Larson
Printed Name

Regulatory Analyst
Title

3/5/04
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 upervison and that the same is true and orrect to the best of my belief.

March 2, 2004
Date Surveyed

Signature & Seal of Professional Surveyor

W.O. Num. 2004-0172

Certificate No. MACON McDONALD 12185

#1 WSW 245'

569'