

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
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-101
Revised October 18, 1994
Instructions on back
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 30-025-35585
⁴ Property Code 27820	⁵ Property Name West Lovington Strawn Unit	⁶ Well No. 19

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
D	33	15S	35E		330	North	1000	West	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 Lovington, Strawn, West (#40875)					¹⁰ Proposed Pool 2				

¹¹ Work Type Code N	¹² Well Type Code O	¹³ Cable/Rotary R	¹⁴ Lease Type Code LS	¹⁵ Ground Level Elevation 3994'
¹⁶ Multiple No	¹⁷ Proposed Depth 11,900'	¹⁸ Formation Strawn	¹⁹ Contractor Unknown	²⁰ Spud Date

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17 1/2"	13 3/8"	48#	400'	450	Surface
11"	8 5/8"	32#	4,800'	1,200	Surface
7 7/8"	5 1/2"	17# & 20#	11,900'	600	9,000'

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 17 1/2" hole to 400', run 13 3/8" H-40 48# ST&C casing, & cement to surface. Install a 13 3/8" SOW wellhead, NU a 11" x 5M# hydraulic double ram BOP, & a 11" x 5M# annular BOP w/a 4" x 5M# choke manifold. Drill a 11" hole to 4,800', run 8 5/8" K-55 32# ST&C casing & cement to surface. NU & test the same BOP stack & drill a 7 7/8" hole to approximately 11,900'. If productive, run 5 1/2" L-80 17# & 20# LT&C casing & cement back to approximately 9,000' FS. If non-productive, Will P&A as per the OCD's requirements.
Permit Expires 1 Year From Approval
Date Unless Drilling Underway

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Denise Menoud</i>		OIL CONSERVATION DIVISION	
Printed name: Denise Menoud		Approved by: <i>Orlo</i> Signed by <i>Orlo</i>	
Title: Prod. Tech.		Title: Geologist	
6/4/01		Approval Date:	Expiration Date:

3
2
A

mp

DISTRICT I
P.O. Box 1960, Hobbs, NM 88241-1960

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 100, Artesia, NM 86211-0719

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

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

DISTRICT IV
P.O. BOX 2068, SANTA FE, N.M. 87504-2068

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-35585	Pool Code 40875	Pool Name Lovington Strawn, West
Property Code 27820	Property Name WEST LOVINGTON STRAWN UNIT	Well Number 19
GRID No. 162928	Operator Name ENERGEN RESOURCES CORPORATION	Elevation 3994'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	33	15-S	35-E		330	NORTH	1000	WEST	LEA

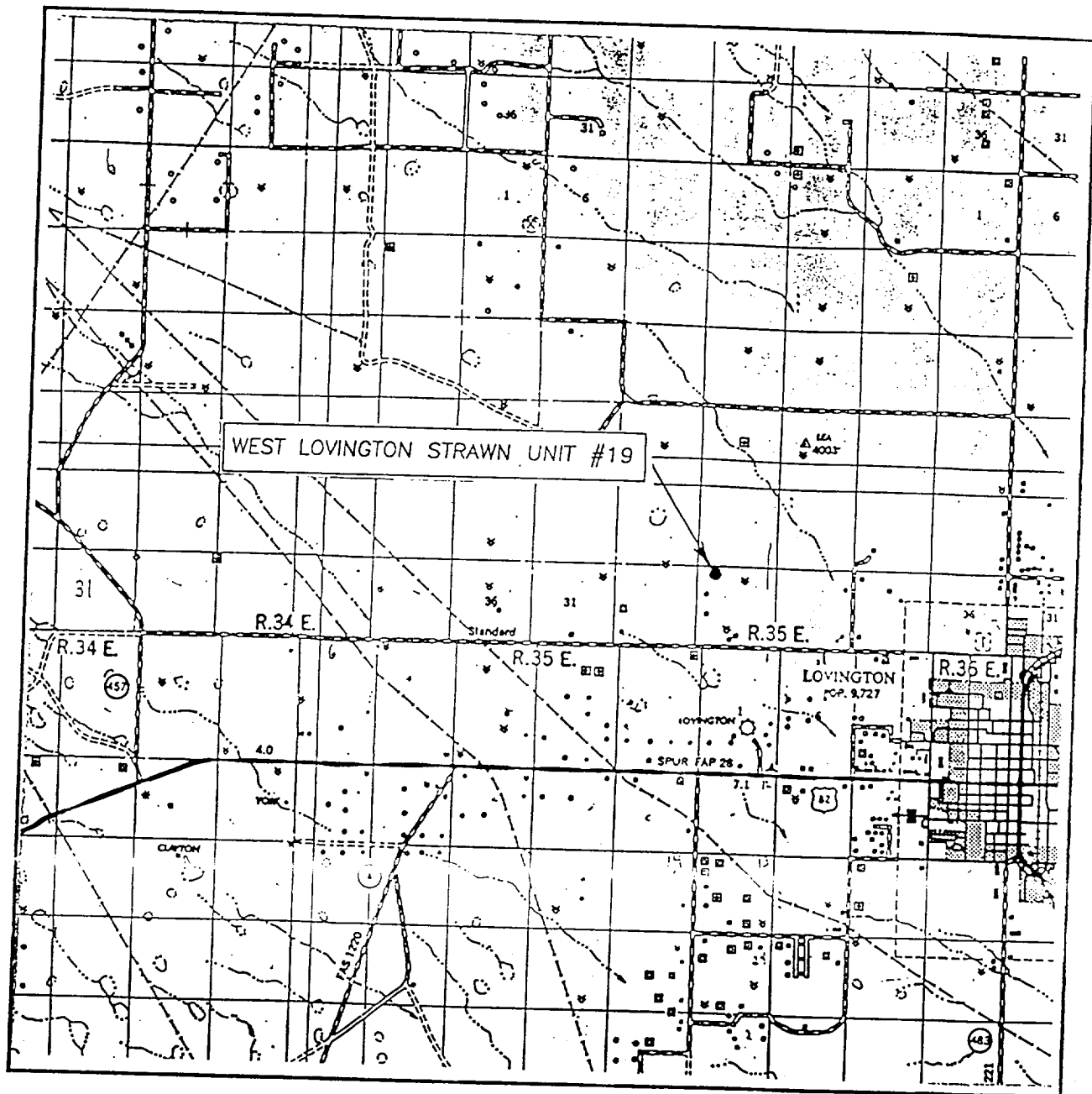
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 80	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 Terry Lawler Printed Name Superintendent Title 5/25/01 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. APRIL 18, 2001 Date Surveyed AWB Signature & Seal of Professional Surveyor 01-47-0479 Certificate No. RONALD J. EDSON 3239 GARY EDSON 12841

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 33 TWP. 15-S RGE. 35-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 330'FNL & 1000'FWL

ELEVATION 3994'

OPERATOR ENERGEN RESOURCES CORP.

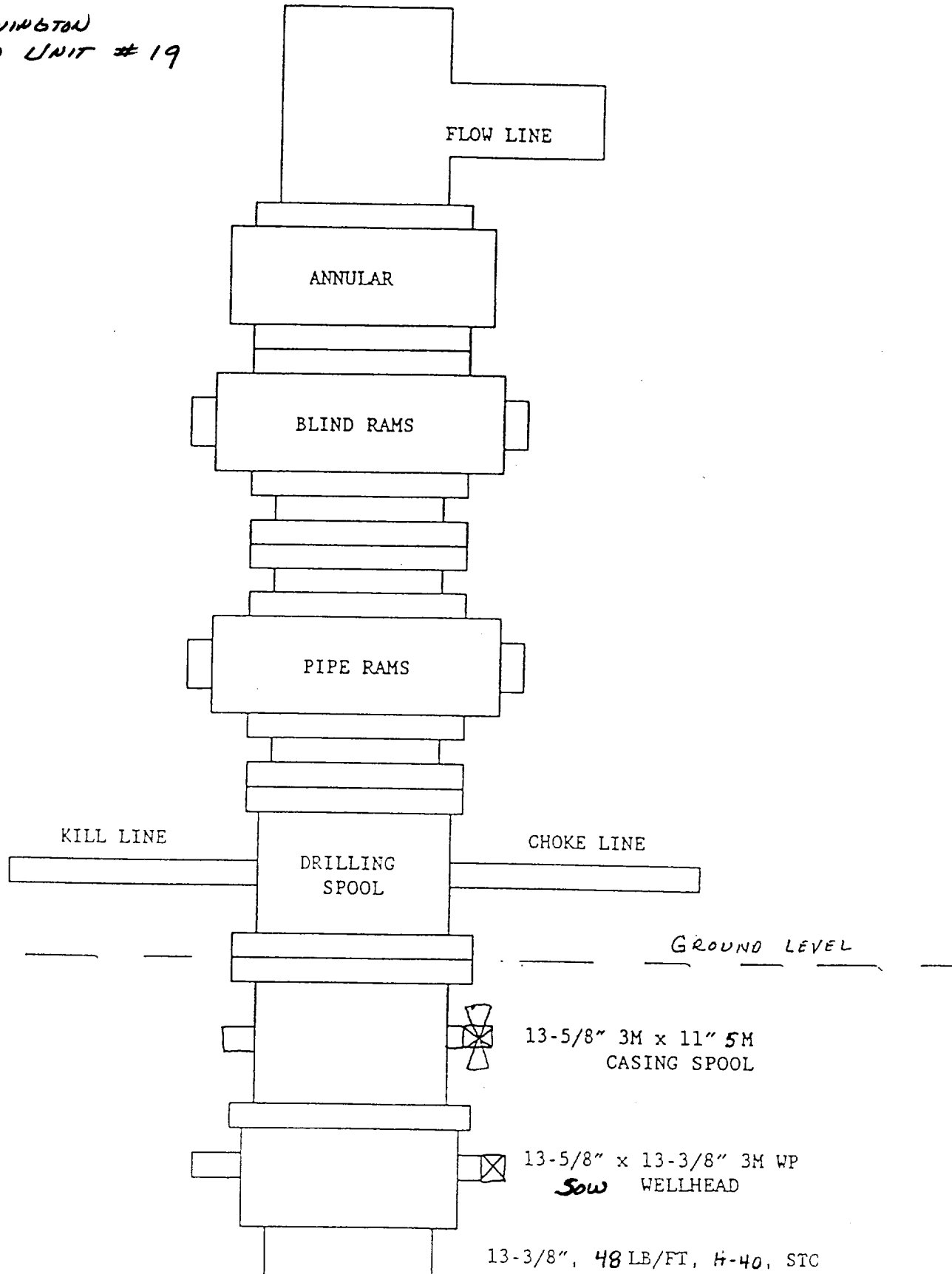
LEASE WEST LOVINGTON STRAWN UNIT

JOHN WEST SURVEYING
HOBBS, NEW MEXICO
(505) 393-3117

E. ERGEN RESOURCES CORPORATION

BOP EQUIPMENT

WEST LOVINGTON
STRAWN UNIT #19



MINIMUM BOP REQUIREMENT 5000 PSI W.P.