

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

State Lease - 6 Copies

Free Lease - 5 Copies

JAN 1999

RECEIVED

OCD - ARTESIA

EXTENDED REPORT

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

¹ Operator Name and Address. YATES DRILLING COMPANY 105 South Fourth Street Artesia, New Mexico 88210		² OGRID Number 025513
		³ API Number 30-015-30560
⁴ Property Code 24128	⁵ Property Name Spurck 15 State Com.	⁶ Well No. 1

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
L	15	17S	28E		1980'	South	660'	West	Eddy

⁸ 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
⁹ Proposed Pool 1 Red Lake Morrow Northeast					¹⁰ Proposed Pool 2				

¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3523'
¹⁶ Multiple No	¹⁷ Proposed Depth 10,300'	¹⁸ Formation Morrow	¹⁹ Contractor Not Determined	²⁰ Spud Date ASAP

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"	48.0#	400'	300 sx	Circulated
12 1/4"	8 5/8"	24.0#	2000'	575 sx	Circulated
7 7/8"	4 1/2"	11.6#	10300'	700 sx	±6000'
					Post TD-1 1-29-99

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.

Yates Drilling Company proposes to drill and test the Morrow and intermediate formations. Approximately 400' of surface casing will be set and cement circulated to shut off gravel and cavings. If commercial, production casing will be run and cemented, will perforate and stimulate as needed for production.

MUD PROGRAM: 0-2000' FW; 2000'-4700' FW Gel; 4700'-8100' Cut Brine; 8100'-TD Gel/Starch/Drispac.

BOPE PROGRAM: 3000# PSI system will be installed on the 8 5/8' casing and tested daily.

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

Signature: *Ken Beardemphl*

Printed name: KEN BEARDEMPHL

Title: LANDMAN

Date: January 21, 1999

Phone: 505-748-4348

OIL CONSERVATION DIVISION

Approved by: ORIGINAL SIGNED BY TIM W. GUM
DISTRICT II SUPERVISOR

Title:

Approval Date: 1-22-99 Expiration Date: 1-22-00

Conditions of Approval:
Attached ☐

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

State of New Mexico
Energy, Minerals and Natural Resources Department

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

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

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

OIL CONSERVATION DIVISION

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name Red Lake Morrow Northeast
Property Code	Property Name SPURCK 15 STATE COM.	Well Number 1
OGRID No. 025513	Operator Name YATES DRILLING COMPANY	Elevation 3523

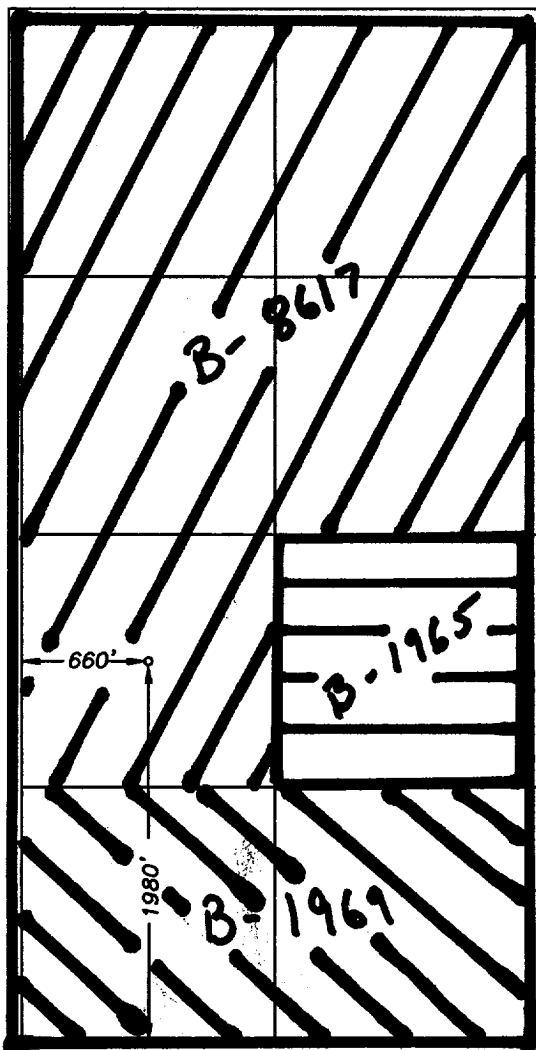
Surface Location

UL or lot No. L	Section 15	Township 17S	Range 28E	Lot Idn	Feet from the 1980	North/South line SOUTH	Feet from the 660	East/West line WEST	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 320	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.

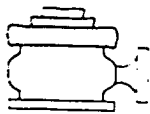
Signature
Ken Beardemphl
Printed Name
Ken Beardemphl
Title
Landman
Date
January 21, 1999

SURVEYOR CERTIFICATION

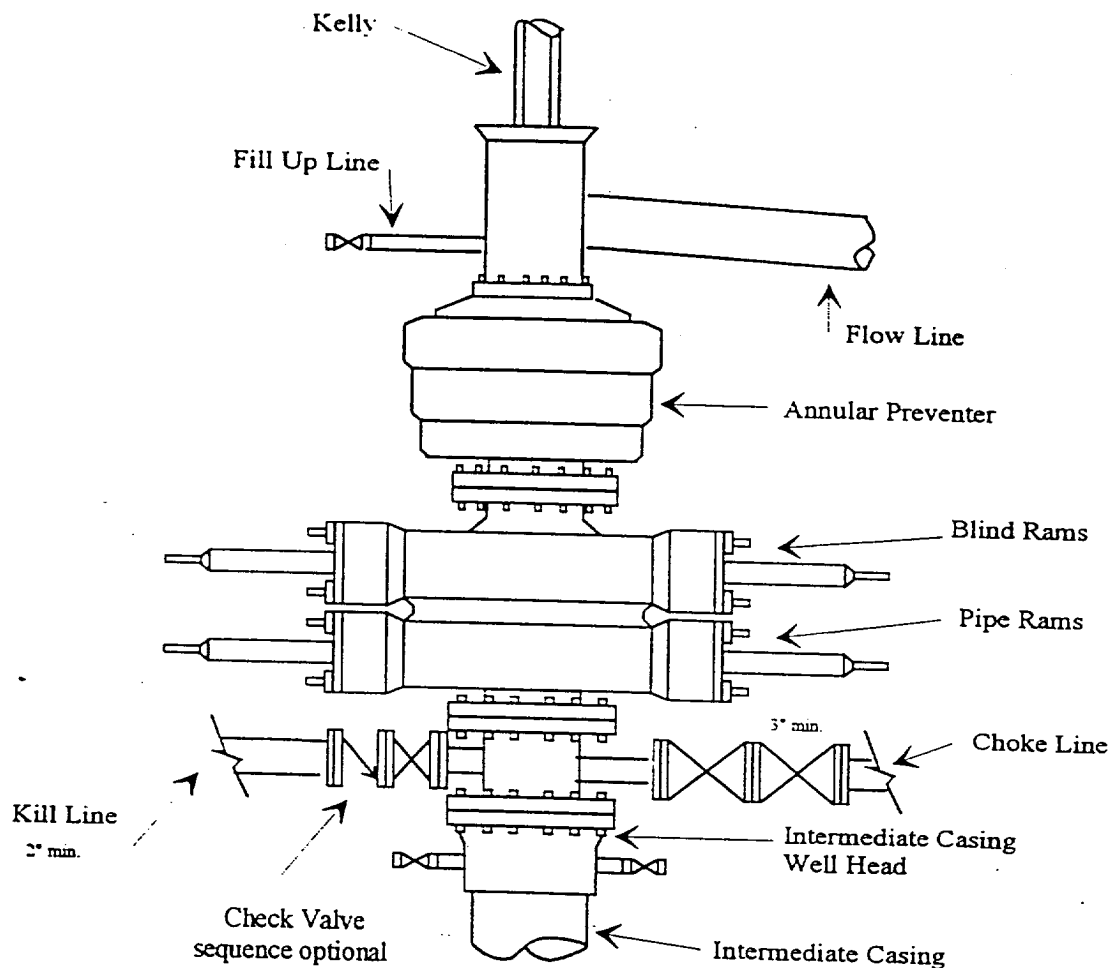
I hereby certify that the well location shown
on this plat was plotted from field notes of
actual surveys made by me or under my
supervision, and that the same is true and
correct to the best of my belief.

1/20/99

Date Surveyed
Signature & Seal of
Professional Surveyor
Herschel L. Jones
NEW MEXICO
3640
Certificate No. Herschel L. Jones-RIS 3640
SP15831 DISK 78
GENERAL SURVEYING COMPANY



Typical 3,000 psi Pressure System
Schematic
Annular with Double Ram Preventer Stack



Typical 3,000 psi choke manifold assembly with at least these minimum features

