

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. Yates Petroleum Corporation 105 S. 4th Street Artesia, New Mexico 88210		² OGRID Number 025575
		³ API Number 30-0 25-0285
⁴ Property Code 23257	⁵ Property Name Runnels ASP	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
G	11	16S	24E 35E		1980'	North	1980'	East	Lea

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 Townsend Morrow					¹⁰ Proposed Pool 2				

¹¹ Work Type Code E & D	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation Not Available
¹⁶ Multiple No	¹⁷ Proposed Depth 12,500'	¹⁸ Formation Morrow	¹⁹ Contractor Undesignated	²⁰ Spud Date 5/14/98

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" InPlace	48#	366'	350 sx	Circulated
11"	8 5/8" InPlace	26#	4670'	2080 sx	Circulated
7 7/8"	5 1/2" InPlace	17# & 20#	7160'-10,677'	600 sx	Unknown
7 7/8"	5 1/2" InPlace	17#	TD	800 sx	As Warranted

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.

SEE ATTACHE PAGE 2.

Permit Expires 1 Year From Approval
Date Unless ~~Drilling~~ Underway

Deepen

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: Clifton R. May		OIL CONSERVATION DIVISION	
Printed name: CLIFTON R. MAY		Approved by: ORIGINAL SIGNED BY CHRIS WILLIAMS DISTRICT I SUPERVISOR	
Title: REGULATORY AGENT		Title:	
Date: May 6, 1998		Approval Date: MAY 08 1998	Expiration Date:
Phone: 505-748-4347		Conditions of Approval: Attached <input type="checkbox"/>	

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-025-02785		2 Pool Code 86400		3 Pool Name Townsend Morrow	
4 Property Code 23257		5 Property Name Runnels ASP			6 Well Number 1
7 OGRID No. 025575		8 Operator Name YATES PETROLEUM CORPORATION			9 Elevation Not Known

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	11	16S	35E		1980'	North	1980'	East	Lea

11 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

12 Dedicated Acres 320	13 Joint or Infill	14 Consolidation Code	15 Order No.
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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

16					17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature: <u>Clifton R. May</u> Printed Name: <u>Clifton R. May</u> Title: <u>Regulatory Agent</u> Date: <u>May 6, 1998</u>	
					18 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. Date of Survey: _____ Signature and Seal of Professional Surveyor: _____ REFER TO ORIGINAL PLAT Certificate Number: _____	

PROPOSED PROGRAM

Move in workover rig and drill out surface plug and down hole plugs until we tag on the top of the cutoff 5 1/2" casing at 7160'. Will use Cut Brine. Set 150 sacks of 18#/Gal Class H cement plug approximately 6700' to 7100'. Pull up into intermediate casing and wait six (6) hours. Then tag whipstock plug. Pull out of hole and rig down workover unit.

Load the hole with 9# Cut Brine. Move in drilling rig and rig up. Go into the hole with 7 7/8" bit and kick-off at the whipstock plug. Straighten up and drill to a TD of 12,500'. Rig up loggers and run Platform Express Density/Neutron and Azimuthal Laterolog from TD to casing. Run BHC Sonic from TD to Casing. If determined to be commercial will run 5 1/2" 17# casing to TD and cement with enough volume for top of cement to be approximately 8000'. Will use a 5000# BOP which will be nipped up on the 8 5/8" casing and tested daily for operational. Will perforate and stimulate as needed for production.

NOTE: Previous paperwork shows elevation as 3993' DF. One shows elevation at 3979' at top of tubing head.

YATES PETROLEUM CORPORATION

TYPICAL 5,000 p.s.i. BLOWOUT PREVENTER & CHOKE MANIFOLD SCHEMATIC

