

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

Operator Name and Address. MEWBOURNE OIL COMPANY P.O. BOX 5270 HOBBS, NM 88241		JUL 24 1997 OIL CON. DIV.	¹ OGRID Number 14744
⁴ Property Code 21135	⁵ Property Name Avalon Hills "20" State		³ API Number 30-015-29758
			⁶ Well No. 1

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
H	20	21S	26E		1650	North	660	East	Eddy

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
Und Avalon Morrow									
⁹ Proposed Pool 1 70920					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 3302'
¹⁶ Multiple N	¹⁷ Proposed Depth ± 11,300	¹⁸ Formation Morrow	¹⁹ Contractor Unknown	²⁰ Spud Date Upon Approval

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'	400	Circulated
12 1/4	8 5/8	24# & 32#	± 2600'	1000	Tie Back Surface
7 7/8	5 1/2	17# & 20#	+ 11300'	1200	Tie Back Int.
18 Hours WOC for 13 3/8" & 8 5/8" casing.					

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.

BOP Program: Schaffer LWS or equivalent (Double-Ran Hydraulic) 900 series w/Hydrill 900 series from intermediate casing to total depth. Rotating head, PVT system, flow monitors, and mud-gas separator from top of Wolfcamp to T.D.

Mud Program: 0'-400' Fresh water w/spud mud, paper for LCM as needed.
400-2600' Brine water w/paper for LCM as needed, lime for pH.
2600-10000' Cut brine w/paper for LCM as needed, lime for pH.
1000-11300' Cut brine w/driscap, salt gel, starch, soda ash and caustic sod. Wt. 9.2#-9.8#/gal, WL 10 cc's or less. Vis. 32-34

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

Signature:

Printed name:

Title:

Erik L. Hoover

District Manager

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Expiration Date:

ORIGINAL SIGNED BY TIM W. GUN
DISTRICT II SUPERVISOR

7-29-97

7-29-98

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