

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

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505
RECEIVED
OCD - ARTESIA

Form C-101
Revised March 17, 1999

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 SAGA PETROLEUM LLC 415 W. WALL, SUITE 1900 MIDLAND, TX 79701		² OGRID Number 148967
⁴ Property Code 020266		³ API Number 30-015-21122
⁵ Property Name ALLIED A COM		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
N	22	20S	27E		660	SOUTH	1980	WEST	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
⁹ Proposed Pool 1 AVALON MORROW					¹⁰ Proposed Pool 2 Pool Code 70920				

¹¹ Work Type Code ADD DEEP PERFS	¹² Well Type Code G	¹³ Cable/Rotary	¹⁴ Lease Type Code STATE K4990	¹⁵ Ground Level Elevation 3249' GR
¹⁶ Multiple	¹⁷ Proposed Depth 10,965'	¹⁸ Formation MORROW	¹⁹ Contractor	²⁰ Spud Date 12/07/2001

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#	355'	350 sx	Circ Surf
11"	8-5/8"	24#	2125'	950 sx	Circ Surf
7-7/8"	4-1/2"	11.6#	10,965'	985 sx	5700'
Well originally drld/completed in Morrow 5/74, then recompletd in Penlon Bone Springs 11/84					

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.

RU coil tbg unit, hot wtr well w/2% KCL to kill, unhang 1-1/4" SS coil tbg, POOH. Unset Otis PermaLatch pkr @ 6399', POOH w/tbg, test to 7000# out of hole. RIH to RBP @ 6563', circ hole clean. RIH w/4-1/2" RBP & pkr, set RBP @ 6400', test to 500#, POOH & locate leak. Establish rate & press into leak - POOH w/pkr, drop 1 sk sd on RBP, Sqz to 1000# over pump-in-press while holding rate constant. If zone doesn't sqz, over-displace cmt by 5 bbls. POOH w/tbg, RU reverse unit. RIH w/3-3/4" bit, 6 dc's & tbg. drl up sqz, circ hole clean w/2% KCL. Test to 500#, re-sqz if necessary. Wash sd off RBP. POOH. RIH w/retrieving head, unset RBP, wash fill off RBP @ 6727' w/2% KCL. Latch on & unset RBP & POOH. RIH w/1.81" Mod R profile nipple, 10' sub, 1.81" Mod F profile nipple, 10' sub, 4-1/2" pkr, FL on-off tool (w/1.87" Mod F profile) & tbg, set pkr @ 10,619'. Swab well & kick off. RIH w/tbg gun & perf 10,839'-48' & 10,852'-62' w/2 jspf - total 40 holes. Test well dwn line, evaluate for further stimulation

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

Signature: *Bonnie Husband*
Printed Name: Bonnie Husband

Title: Production Analyst

Date: 12/12/2001

Phone: (915)684-4293

BW OIL CONSERVATION DIVISION
ORIGINAL SIGNED BY TIM W. GUM
DISTRICT II SUPERVISOR

Approved by:

Title:

Approval Date: DEC 28 2001 Expiration Date: DEC 28 2002

Conditions of Approval:

Attached ☐