

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

1Operator Name and Address Arch Petroleum Inc. P. O. Box 10340, Midland, TX 79702-7340		2OGRID Number 00962
		3API Number 30 - 025-11084
4Property Code 014925	5Property Name S. J. Carr	6Well No. 5

7Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West Line	County
N	10	24S	37E		555	South	2085	West	Lea

8Proposed 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
9Proposed Pool 1 Wildcat #1 Tubb					10Proposed Pool 2				

11Work Type Code P	12Well Type Code O	13Cable/Rotary	14Lease Type Code	15Ground Level Elevation 3252
16Multiple	17Proposed Depth	18Formation Tubb-Upper Yeso	19Contractor	20Spud Date

21Proposed 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	314	315	surface
12-1/4	9-5/8	36	3799	3000	1210
8-3/4	7	29, 26, 23	10568	795	4877

22Describe 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.

Arch Petroleum Inc. plans to P&A the Abo then acidize & frac the Tubb and commingle w/ the Upper Yeso.

1. POH w/ rods, pump & tubing.
2. Set CIBP @ 6500'.
3. Perf Tubb 6006'-23'. Acidize w/ 1000 gals 7-1/2% HCL. Frac.
4. RIH w/ Loc-Set. Set pkr @ 5900'.
5. Run production equipment.
6. Apply for DHC permit. Remove pkr.

Permit Expires 1 Year From Approval
Date Unless Drilling Underway

Plugback
Z A - A B O
DHC 1277 for
upper yeso + ABO

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

Signature:

Cathy Tomberlin

Printed name:

Cathy Tomberlin

Title:

Operation Tech

Date:

04-27-00

Phone:

915-685-8100

OIL CONSERVATION DIVISION

Approved By:

ORIGINAL SIGNED BY CHRIS WILLIAMS
DISTRICT I SUPERVISOR

Title:

Approval Date:

MAY 09 2000

Expiration Date:

Conditions of Approval:

Attached: ☐