

OPER. OGRID NO. 962
PROPERTY NO. 30930
D POOL CODE 18050
EFF. DATE _____
APINO. 30-025-36513

FORM APPROVED
OMB NO. 1004-0136
Expires: February 28, 1995

APPLICANT

1. TYPE OF WORK

DRILL ☒ DEEPEN ☐ WIDEN ☐

2. TYPE OF WELL

OIL WELL ☒ GAS WELL ☐ OTHER ☐

SINGLE ZONE ☒ MULTIPLE ZONE ☐

3. NAME OF OPERATOR

ARCH PETROLEUM, INC.

(RICHARD WRIGHT 915-685-8140)

4. ADDRESS AND TELEPHONE NO.

P.O. BOX 10340 MIDLAND, TEXAS 79702-7340 (915-695-8100)

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

480 330' FSL & 235' FEL SEC. 28 T24S-R38E LEA CO. NM
At proposed prod. zone 330' FSL & 10' FEL SEC. 28 T24S-R38E LEA CO. NM

SUBJECT TO LIKE APPROVAL BY STATE

6. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE

Approximately 10 miles Northeast of Jal New Mexico

7. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.

235'

8. NO. OF ACRES IN LEASE

320

9. NO. OF ACRES ASSIGNED TO THIS WELL

40

10. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

2000'

11. PROPOSED DEPTH

8400'

12. ROTARY OR CABLE TOOLS

ROTARY

13. ELEVATIONS (Show whether DF, RT, GR, etc.)

3186' GR.

Cashier Controlled Water Basin

14. APPROX. DATE WORK WILL START WHEN APPROVED

15. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
25"	Conductor	NA	40'	Cement to surface with Redi-mix.
17 1/2"	13 3/8"	48	500'	500 Sx. circulate to surface
11"	8 5/8"	32	3000'	1200 Sx. " " "
7 7/8"	5 1/2"	17 & 15.5	8400'	1650 Sx. 3 stages TC Est 2500' FS.

1. Drill 25" hole to 40' Set 40' of 20" conductor and cement to surface with Redi-mix.
2. Drill 17 1/2" hole to 500'. Run and set 500' of 13 3/8" 48# H-40 ST&C casing. Cement with 500 Sx. Class "C" cement + 2% CaCl₂ + 1/2# Flocele/Sx. Circulate cement to surface.
3. Drill 11" hole to 3000'. Run and set 3000' of 8 5/8" 32# J-55 ST&C casing. Cement with 1200 Sx. of Class "C" cement + 2% CaCl₂ + 1/2# Flocele/Sx. Circulate cement to surface.
4. Drill 7 7/8" hole to 8400'. Run and set 8400' of 5 1/2" casing as follows: 2400' of 5 1/2" 17# J-55 LT&C, 5000' of 5 1/2" 15.5# J-55 LT&C, 1000' of 5 1/2" 17# J-55 LT&C. Cement in three stages. DV tools at 6100' & 4500'. Cement 1st stage with 650 Sx. of Class "H" cement + additives, 2nd stage cement with 600 Sx. of Class "C" cement + additives, 3rd stage cement with 400 Sx. of Class "C" cement + additives. Estimate top of cement 2500' from surface.

ARCH PETROLEUM ACCEPTS RESPONSIBILITY FOR THE OPERATION OF LEASE # NM-02240

**APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL SPECIFICATIONS
ATTACHED**

1. ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present formation, casing, and well production zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give flow rates, pressures, and other pertinent data.

SIGNER

TITLE Agent

DATE 09/05/02

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct or ration thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY

TITLE

For FIELD MANAGER

DATE

12/4/02

"See Instructions On Reverse Side"

APPROVAL FOR 1 YEAR

The 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false statement or fraudulent document or representation.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT PLEASE EXPEDITEFORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000SUNDRIY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or recomplete an
abandoned well. Use Form 3160-3 (APD) for such proposals.
N.M. Oil Cons. Division
1626 N. French Dr.
Hobbs, NM 882405. Lease Serial No.
MN-10188
6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
W.A. RAMSAY FEDERAL COM. #1
9. API Well No.
30-025-36513
10. Field and Pool, or Exploratory Area
DOLLARHIDE-DEVONIAN
11. County or Parish, State
LEA CO. NEW MEXICO

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other
2. Name of Operator
ARCH PETROLEUM, INC. (RICHARD WRIGHT 432-685-8140)
3a. Address P.O. BOX 10340
MIDLAND, TEXAS 79702-7340
3b. Phone No. (include area code)
432-685-8100
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)330' FEL & 480' FSL SECTION 28 T24S-R38E LEA CO. NM
Unit 1

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other Move location
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	& drill vertical
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	hole.

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

1. Arch Petroleum, Inc requests the approval to alter their APD on their W.A. RAMSAY FEDERAL COM. # 1
2. The surface location has been moved from 235' FEL & 480' FSL of section 28 T24S-R38E to 330' FEL & 480' FSL of section 28 T24S-R38E Lea Co. NM.
3. Arch Petroleum Inc. will now drill a vertical hole instead of a directional well bore. The bottom hole location and the surface location will be the same: 330' FEL & 480' FSL of section 28 T24S-R38E Lea Co. NM.
4. All other programs will remain the same. (Hole sizes, casing sizes and setting depths, Mud program, Logging program and Cementing program.)

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Joe T. Janica

Title Agent

Signature

Date 09/10/03

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

/s/ JOE G. LARA

ACTING

FIELD MANAGER

Date DEC 11 2003

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office CARLSBAD FIELD OFFICE

DISTRICT I
P.O. Box 1990, Hobbs, NM 88241-1990

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719

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

DISTRICT IV
P.O. BOX 2088, SANTA FE, N.M. 87504-2088

State of New Mexico
Energy, Minerals and Natural Resources Department

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

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-36513	Pool Code 18050	Pool Name DOLLARHIDE-DEVONIAN
Property Code 3093D	Property Name W.A. RAMSAY FEDERAL COM.	Well Number 1
OGRID No. 962	Operator Name ARCH PETROLEUM, INC.	Elevation 3184'

Surface Location

UL or lot No. N	Section 28	Township 24-S	Range 38-E	Lot Idn	Feet from the 480'	North/South line SOUTH	Feet from the 330'	East/West line EAST	County LEA
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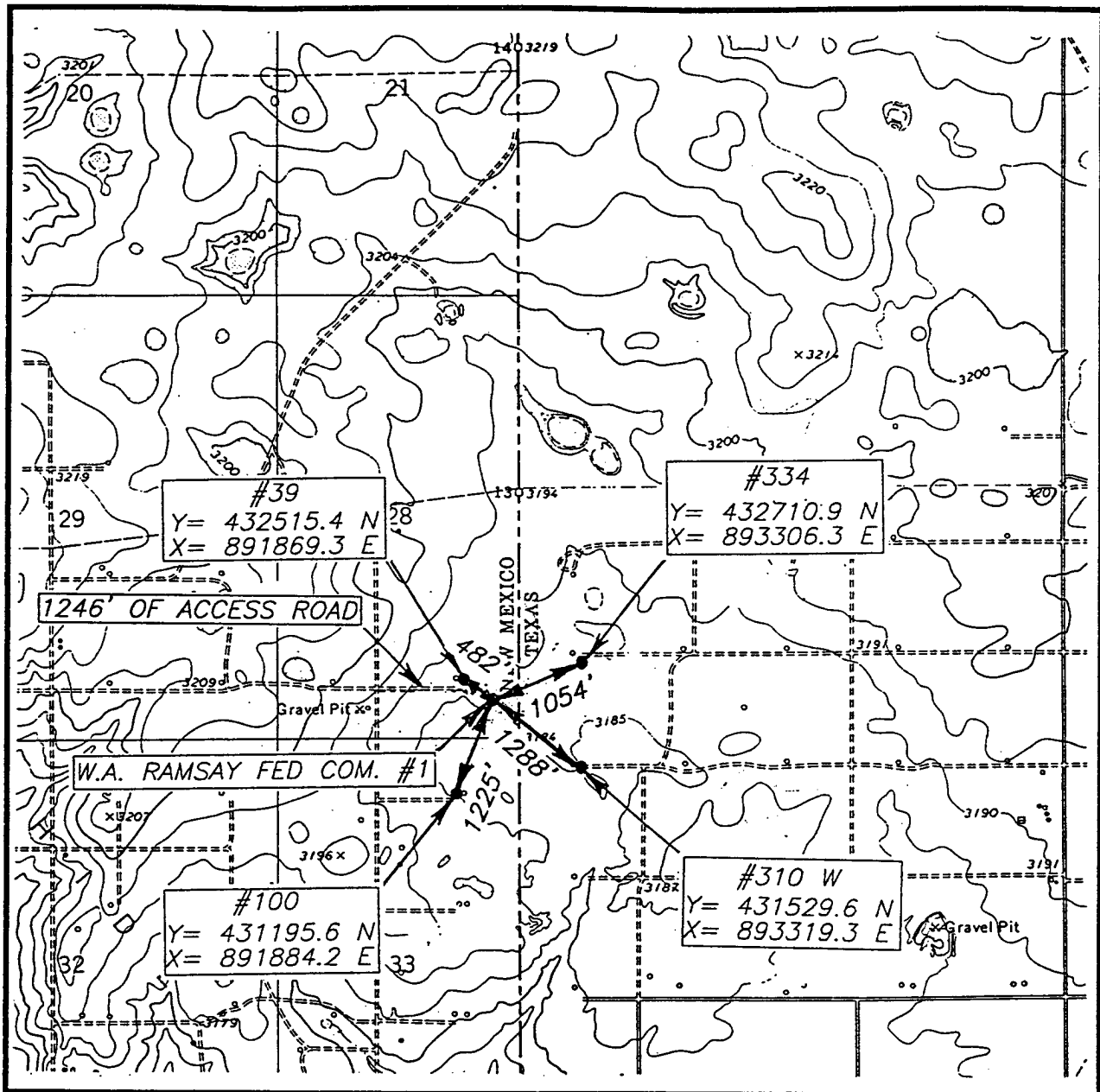
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 40		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

DETAIL 3186.3' 500' 3185.5' 3182.4' 500' 3180.7' SEE DETAIL 330' 480'	TEXAS NEW MEXICO R-38-E GEODETIC COORDINATES NAD 27 NME Y= 432340.9 N X= 892320.7 E LAT. 32°10'56.15"N LONG. 103°03'55.05"W	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. Signature Joe T. Janica Printed Name Agent Title 09/10/03 Date 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. OCTOBER 27, 2002 Date Surveyed Signature & Seal of Professional Surveyor NEW MEXICO 03.14.0955 Certificate No. GARY EIDSON 12641
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LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL: 5'
JAL NE, N.M.

SEC. 28 TWP. 24-S RGE. 38-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 480' FSL & 330' FEL

ELEVATION 3184'

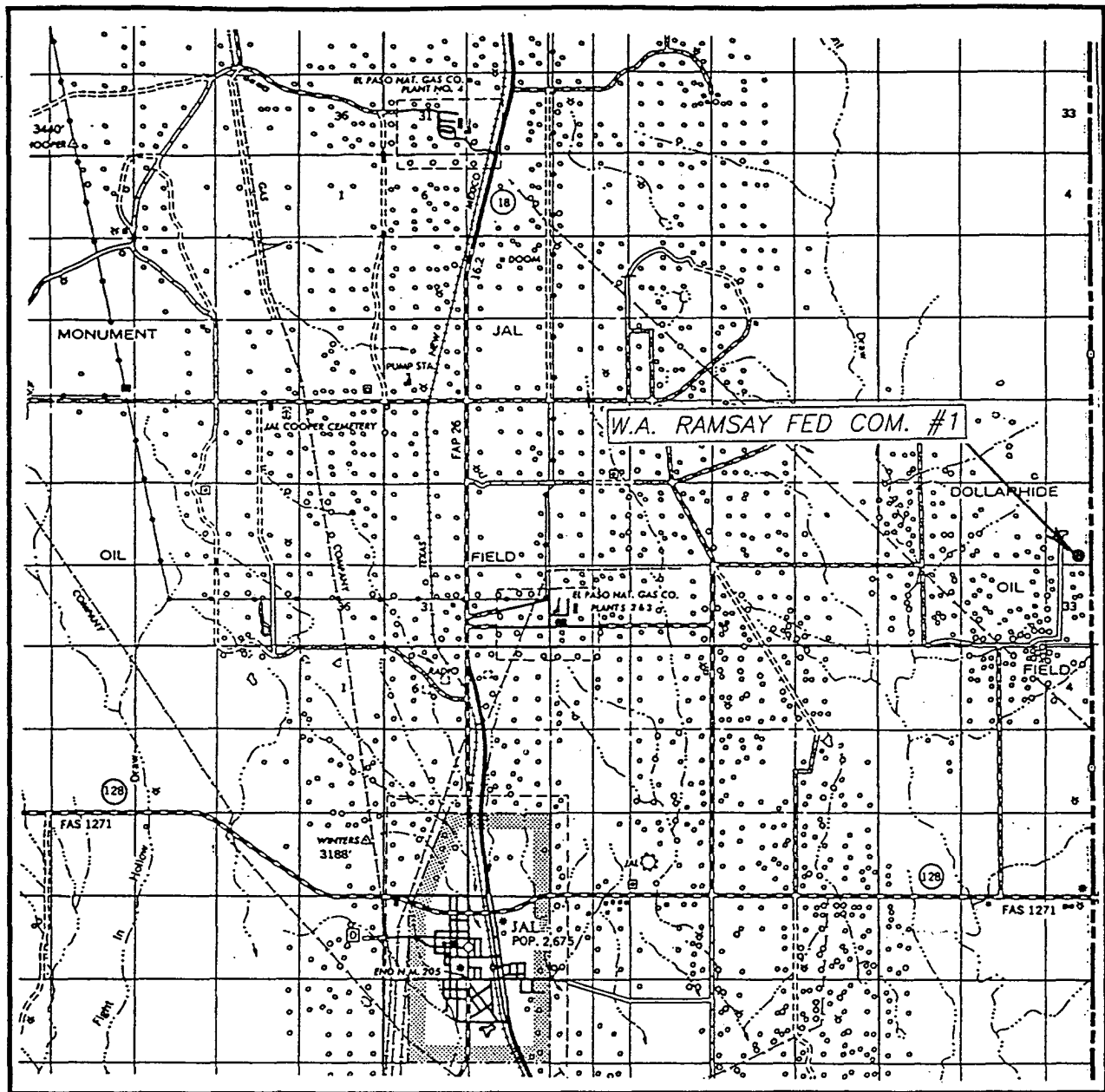
OPERATOR ARCH PETROLEUM, INC

LEASE W.A. RAMSAY FEDERAL COM.

U.S.G.S. TOPOGRAPHIC MAP
JAL NE, N.M.

JOHN WEST SURVEYING
HOBBS, NEW MEXICO
(505) 393-3117

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 28 TWP. 24-S RGE. 38-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 480' FSL & 330' FEL

ELEVATION 3184'

OPERATOR ARCH PETROLEUM, INC

LEASE W.A. RAMSAY FEDERAL COM.

JOHN WEST SURVEYING
HOBBS, NEW MEXICO
(505) 393-3117