

1025 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

Energy Minerals and Natural Resources

Revised March 17, 1999

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

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 ARCH PETROLEUM INC. P.O. BOX 10340 MIDLAND, TEXAS 79702-7340		962 *OGRID Number
		30-025-35012 *API Number
Property Code 16233	Property Name E.C. HILL "A"	*Well No. 7

7 Surface Location

UL or lot no.	Section	Township	Range	Lot 1st	Feet from the	North/South line	Feet from the	East/West line	County
"0"	27	23S	37E		540'	SOUTH	1850'	EAST	LEA

8 Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot 1st	Feet from the	North/South line	Feet from the	East/West line	County
*Proposed Pool 1 TEAGUE-SIMPSON (58900)					*Proposed Pool 2				

*Work Type Code N	*Well Type Code O	*Casing/Rotary ROTARY	*Lease Type Code P	*Ground Level Elevation 3265'
*Multiple NO	*Proposed Depth 9800'	*Formation SIMPSON	*Contractor UNKNOWN	*Spud Date WHEN APPROVED

9 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
25"	20"	Conductor	40'	Redi-mix	SURFACE
17½"	13 3/8"	48	500'	600 Sx.	SURFACE
11"	8 5/8"	32 & 24	3000'	1200 Sx.	SURFACE
7 7/8"	5½"	17	9800'	1150 Sx.	2500' F. SUR.

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.

1. Drill 25" hole to 40'. Set 40' of 20" conductor pipe and cement to surface with Redi-mix.
2. Drill 17½" hole to 500'. Run and set 500' of 13 3/8" 48# H-40 ST&C casing. Cement with 600 Sx. of Class "C" cement + additives, circulate cement to surface.
3. Drill 11" hole to 3000'. Run and set 3000' of 8 5/8" 32 & 24 # J-55 ST&C casing. Cement with 1200 Sx. of Class "C" cement + additives, circulate cement to surface.
4. Drill 7 7/8" hole to 9800'. Run and set 9800' of 5½" casing as follows: 2800' of 17# N-80 LT&C, 6000' of 17# J-55 LT&C, 1000' of 17# N-80 LT&C. Cement in 2 stages with DV tool at 5200'±. Cement with 1150 Sx. of Class "H" top of cement 2500' from the surface.

Print and sign 10 days prior to approval
Date of Approval: _____

I hereby certify that the information given above is true and complete to the best of my knowledge and belief.		OIL CONSERVATION DIVISION	
Signature: <i>Joe T. Janica</i>		Approved by: _____ DISTRICT ENGINEER	
Printed name: Joe T. Janica		Title: _____	
Title: Agent		Approval Date: _____ Expiration Date: _____	
Date: 04/25/00	Phone: 505-391-8503	Conditions of Approval: Attached ☐	

JP

DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980

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

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

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

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

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-35012	Pool Code 58900	Pool Name TEAGUE-SIMPSON
Property Code 16233	Property Name E.C. HILL "A"	Well Number 7
OGRID No. 962	Operator Name ARCH PETROLEUM, INC.	Elevation 3265

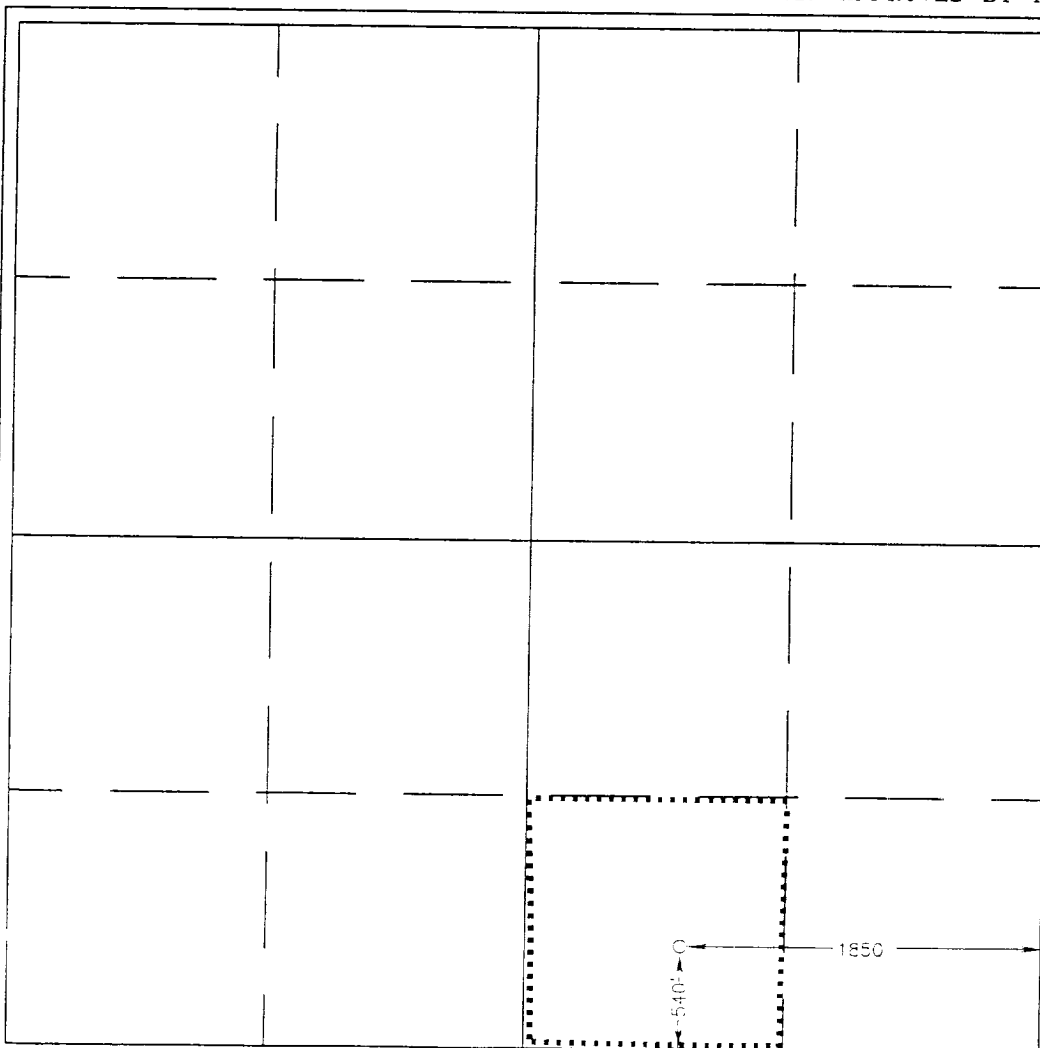
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	27	23 S	37E		540	SOUTH	1850	EAST	LEA

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



OPERATOR CERTIFICATION

I hereby certify the the information
contained herein is true and complete to the
best of my knowledge and belief.

Joe T. Janica
Signature

Joe T. Janica
Printed Name
Agent

Title

04/25/00

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.

APRIL 17, 2000

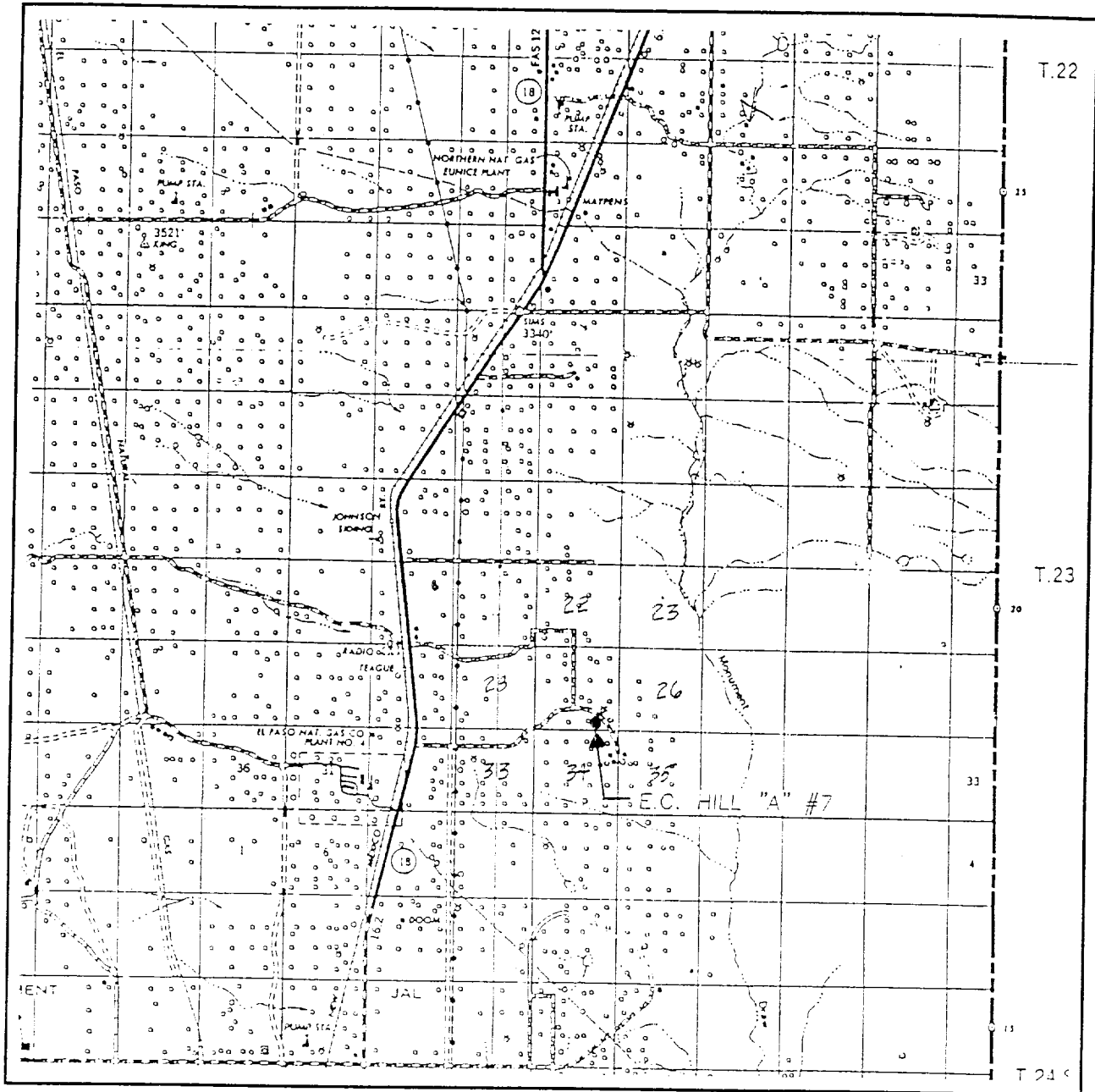
Date Surveyed

Signature & Seal of
Professional Surveyor

Ronald E. Eidson
4/11/00
11-Q499

Certificate No. RONALD E. EIDSON 3239
SARA EIDSON 12641
TACON McDONALD 12185

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 27 TWP. 23-S RGE. 37-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 540' FSL & 1850' FEL

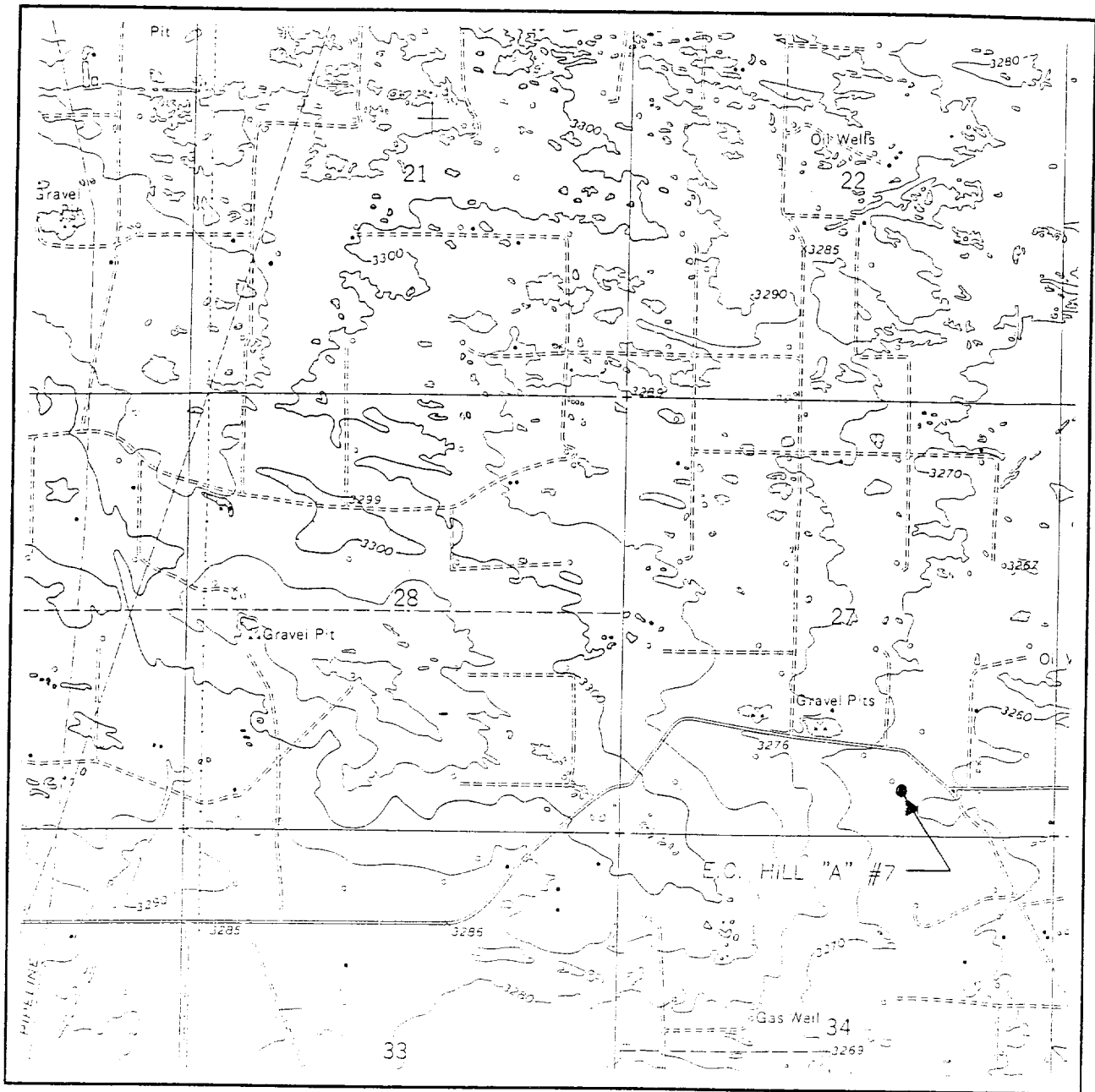
ELEVATION 3265

OPERATOR ARCH PETROLEUM, INC.

LEASE E.C. HILL "A"

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

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:
RATTLESNAKE CANYON, N.M. - 10'

SEC. 27 TWP. 23-S RGE. 37-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 340' FSL & 1850' FEL

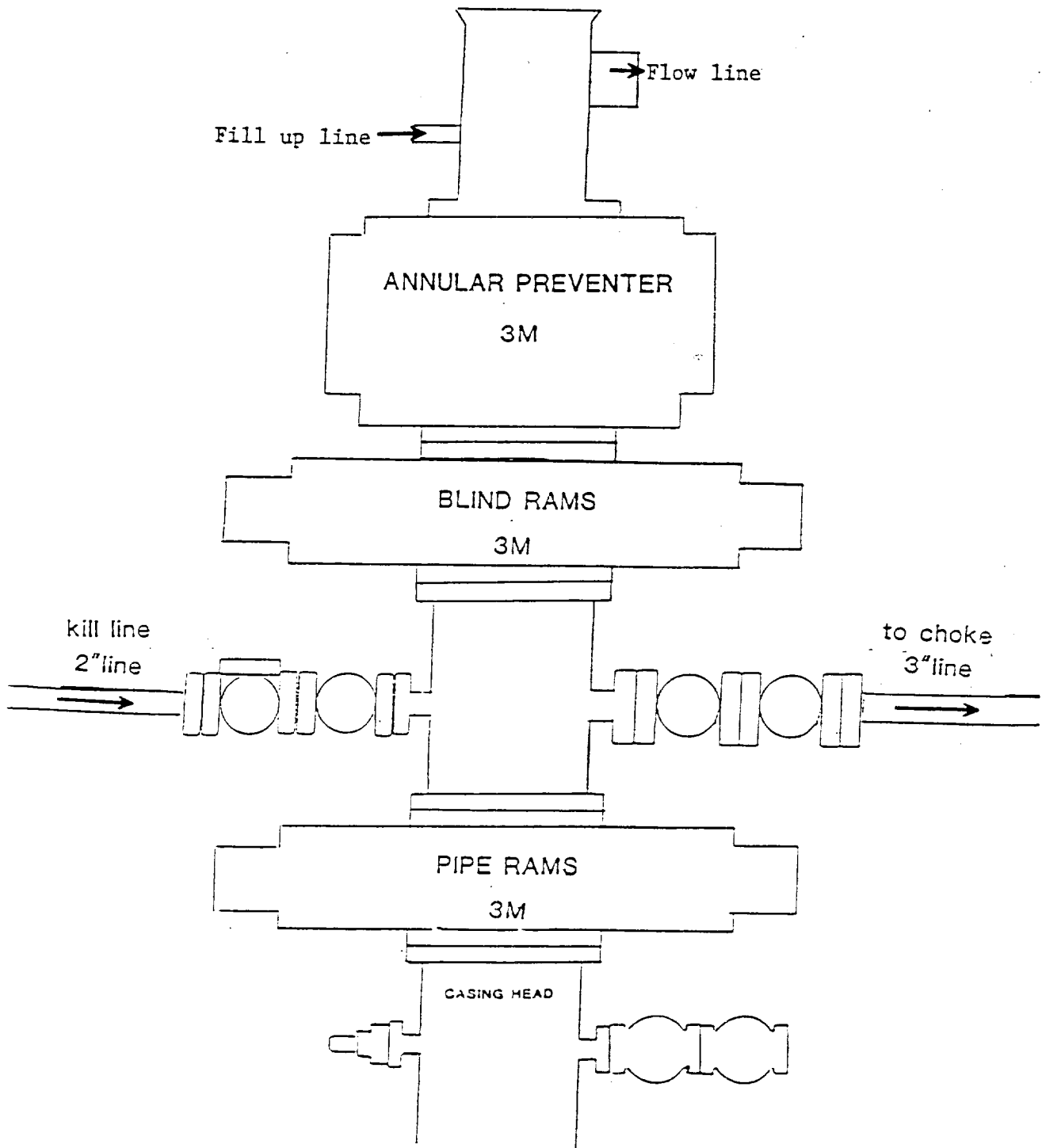
ELEVATION 3265

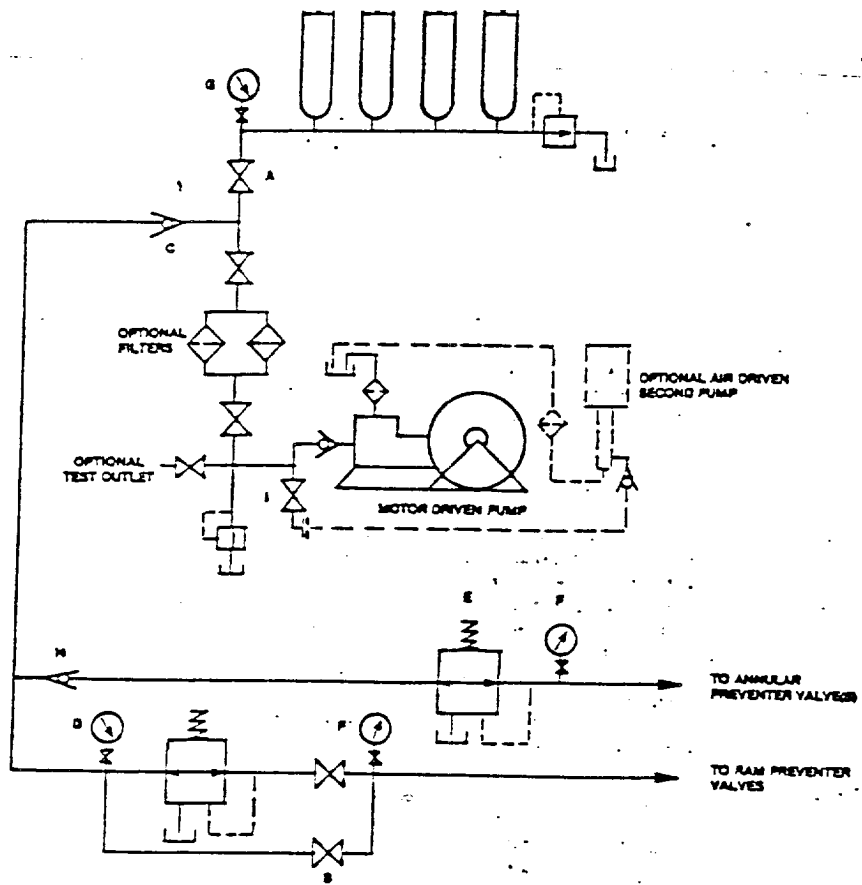
OPERATOR ARCH PETROLEUM, INC.

LEASE E.C. HILL "A"

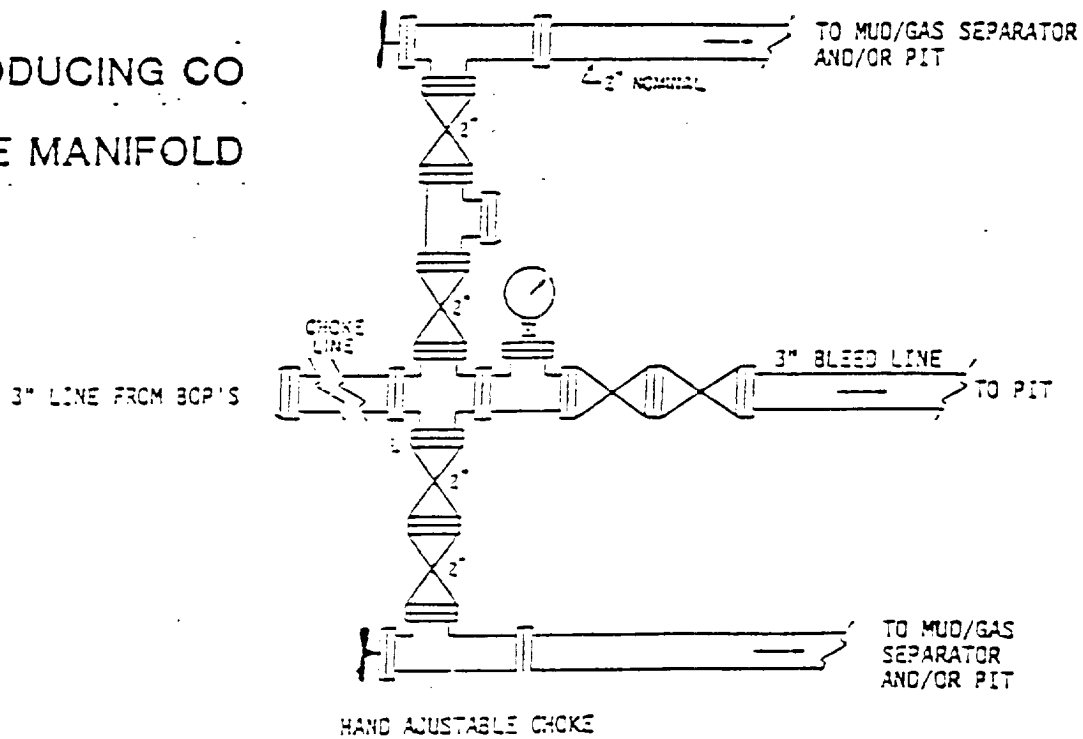
U.S.G.S. TOPOGRAPHIC MAP
RATTLESNAKE CANYON, N.M.

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





HAND ADJUSTABLE CHOKE



POGO PRODUCING CO
3M CHOKE MANIFOLD

ABOVE DATE DOES NOT
INDICATE WHEN
CONFIDENTIAL LOGS
WILL BE RELEASED

ELF

7/6/74