C1st BLM OP

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-101
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

F

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

RECEIVED
JAN 04 1996
OIL CON. DIV.
DIST. 2

[1] Operator Name and Address.	[2] OGRID Number
Medallion Production Company 7130 S. Lewis, Suite 700 Tulsa, Oklahoma 74136	140805
	[3] API Number 30-015-28763

[4] Property Code	[5] Property Name	[6] Well No.
18276	Tweedy "9"	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
J	9	20S	25E		1980	South	1980	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

[9] Proposed Pool 1	[10] Proposed Pool 2
Undes Cemetary; Morrow 74640	

[11] Work Type Code	[12] Well Type Code	[13] Cable/Rotary	[14] Lease Type Code	[15] Ground Level Elevation
N	G	C	P	3464'
[16] Multiple	**[17] Proposed Depth**	**[18] Formation**	**[19] Contractor**	**[20] Spud Date**
No	9600'	Morrow	Pending	ASAP

[21] Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17 ½"	13-3/8"	48#	350'	390	Surface
12 ¼"	8-5/8"	32#	1250'	600	Surface
7-7/8"	4-1/2"	11.6#	9600'	180	8800'

[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.

See Attached Drilling Prognosis

Post IP-1
1-12-96
New Loc & API

Notify N.M.O.C.C. in sufficient time to witness cementing the 8 5/8" casing

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

Signature: Lee C Francis

Printed name: Lee C. Francis

Title: Drilling & Completion Manager

Date: 1-2-96

Phone: 918/491-4114

OIL CONSERVATION DIVISION

Approved by: ORIGINAL SIGNED BY TIM W. GUM

Title: DISTRICT II SUPERVISOR

Approval Date: 1-9-96

Expiration Date: 7-9-96

Conditions of Approval:

Attached ☐

C-101 Instructions

Measurements and dimensions are to be in feet/inches. Well locations will refer to the New Mexico Principal Meridian.

IF THIS IS AN AMENDED REPORT CHECK THE BOX LABLED "AMENDED REPORT" AT THE TOP OF THIS DOCUMENT.

1 Operator's OGRID number. If you do not have one it will be assigned and filled in by the District office.

2 Operator's name and address

3 API number of this well. If this is a new drill the OCD will assign the number and fill this in.

4 Property code. If this is a new property the OCD will assign the number and fill it in.

5 Property name that used to be called 'well name'

6 The number of this well on the property.

7 The surveyed location of this well New Mexico Principal Meridian NOTE: If the United States government survey designates a Lot Number for this location use that number in the 'UL or lot no.' box. Otherwise use the OCD Unit Letter.

8 The proposed bottom hole location of this well at TD

9 and 10 The proposed pool(s) to which this well is beeing drilled.

11 Work type code from the following table:
- N New well
- E Re-entry
- D Drill deeper
- P Plugback
- A Add a zone

12 Well type code from the following table:
- O Single oil completion
- G Single gas completion
- M Mutiple completion
- I Injection well
- S SWD well
- W Water supply well
- C Carbon dioxide well

13 Cable or rotary drilling code
- C Propose to cable tool drill
- R Propose to rotary drill

14 Lease type code from the following table:
- S State
- P Private

15 Ground level elevation above sea level

16 Intend to mutiple complete? Yes or No

17 Proposed total depth of this well

18 Geologic formation at TD

19 Name of the intended drilling company if known.

20 Anticipated spud date.

21 Proposed hole size ID inches, proposed casing OD inches, casing weight in pounds per foot, setting depth of the casing or depth and top of liner, proposed cementing volume, and estimated top of cement

22 Brief description of the proposed drilling program and BOP program. Attach additional sheets if necessary.

23 The signature, printed name, and title of the person authorized to make this report. The date this report was signed and the telephone number to call for questions about this report.

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

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

State of New Mexico
Energy, Minerals and Natural Resources Department

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

Form C-102
Revised February 10, 1994
Instruction on back
Submit to Appropriate District Office
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Fee Lease - 3 Copies

☐ AMENDED REPORT

RECEIVED
JAN 08 1996
OIL CON. DIV.
DIST. 2

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name	
30-015-28763	74640	Undes. Cemetary, Morrow	
Property Code	**Property Name**		**Well Number**
	Tweedy ~~CEMETRAY~~ "9"		1
OGRID No.	**Operator Name**		**Elevation**
	MEDALLION PRODUCTION CO.		3464

Surface Location

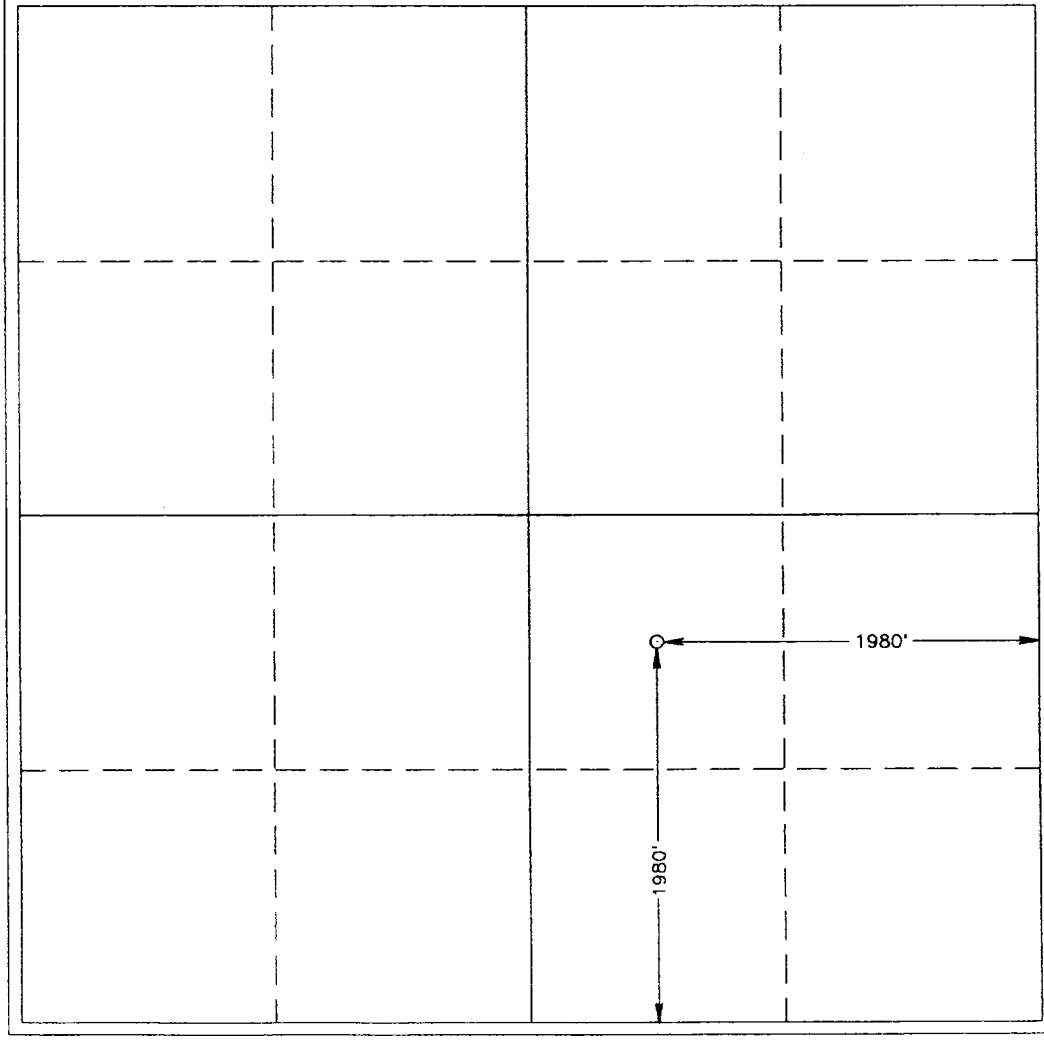
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	9	20 S	25 E		1980	SOUTH	1980	EAST	EDDY

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	Joint or Infill	Consolidation Code	Order No.
320			

NO ALLOWABLE WILL BE ASSGNED 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.

Lee C. Francis
Signature

Lee C. Francis
Printed Name

Drilling & Completion Mgr
Title

1-2-96
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 supervison, and that the same is true and correct to the best of my belief.

MARCH 17, 1995
Date Surveyed SJA

Signature & Seal of Professional Surveyor

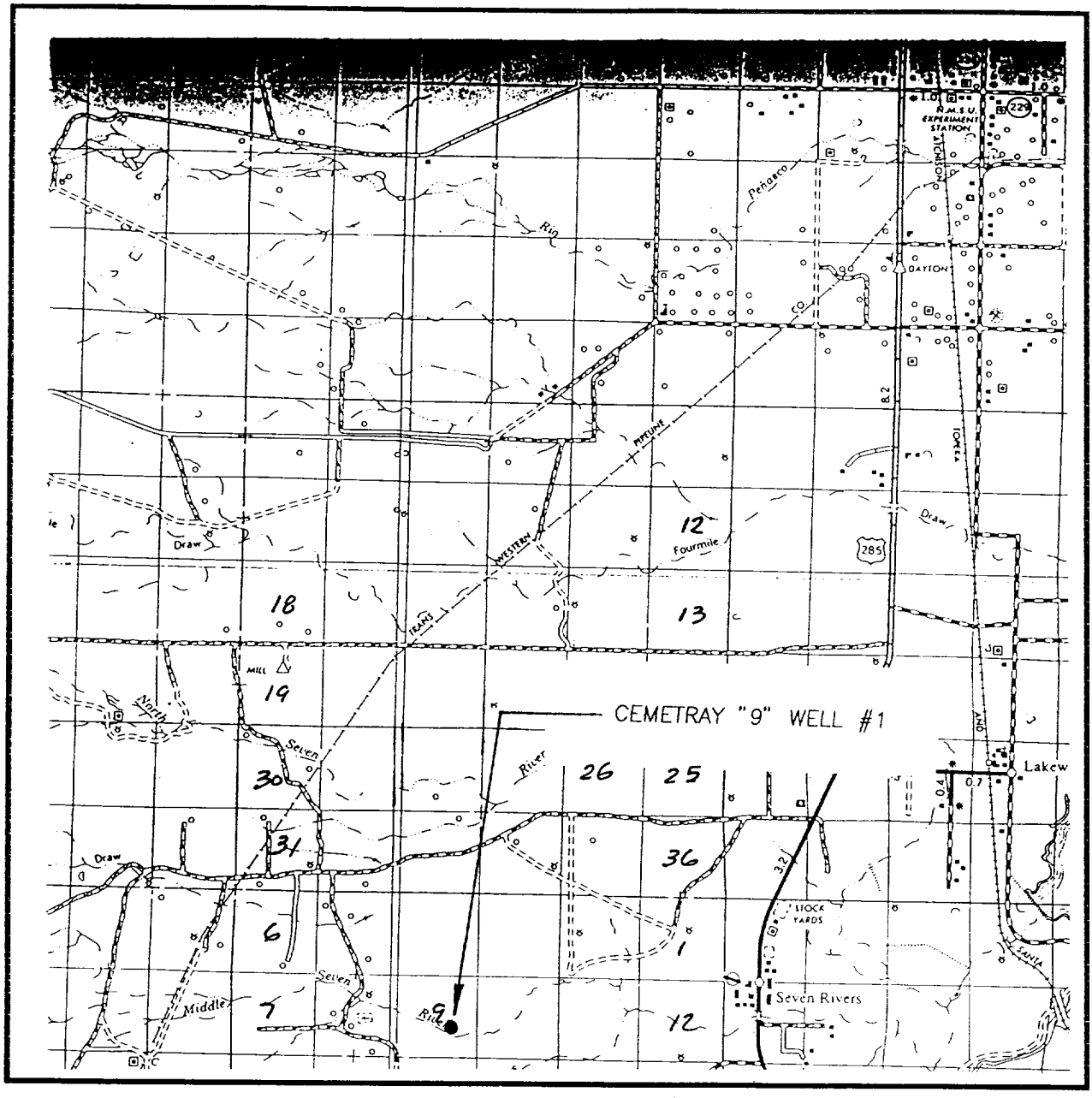
RONALD J. EIDSON
NEW MEXICO
3239
REGISTERED PROFESSIONAL SURVEYOR

3-20-95

W.O. Num. 95-11-0406

Certificate No. JOHN W. WEST 676
RONALD J. EIDSON 3239
GARY EIDSON 12641

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 9 TWP. 20-S RGE. 25-E

SURVEY N.M.P.M.

COUNTY EDDY

DESCRIPTION 1980' FSL & 1980' FEL

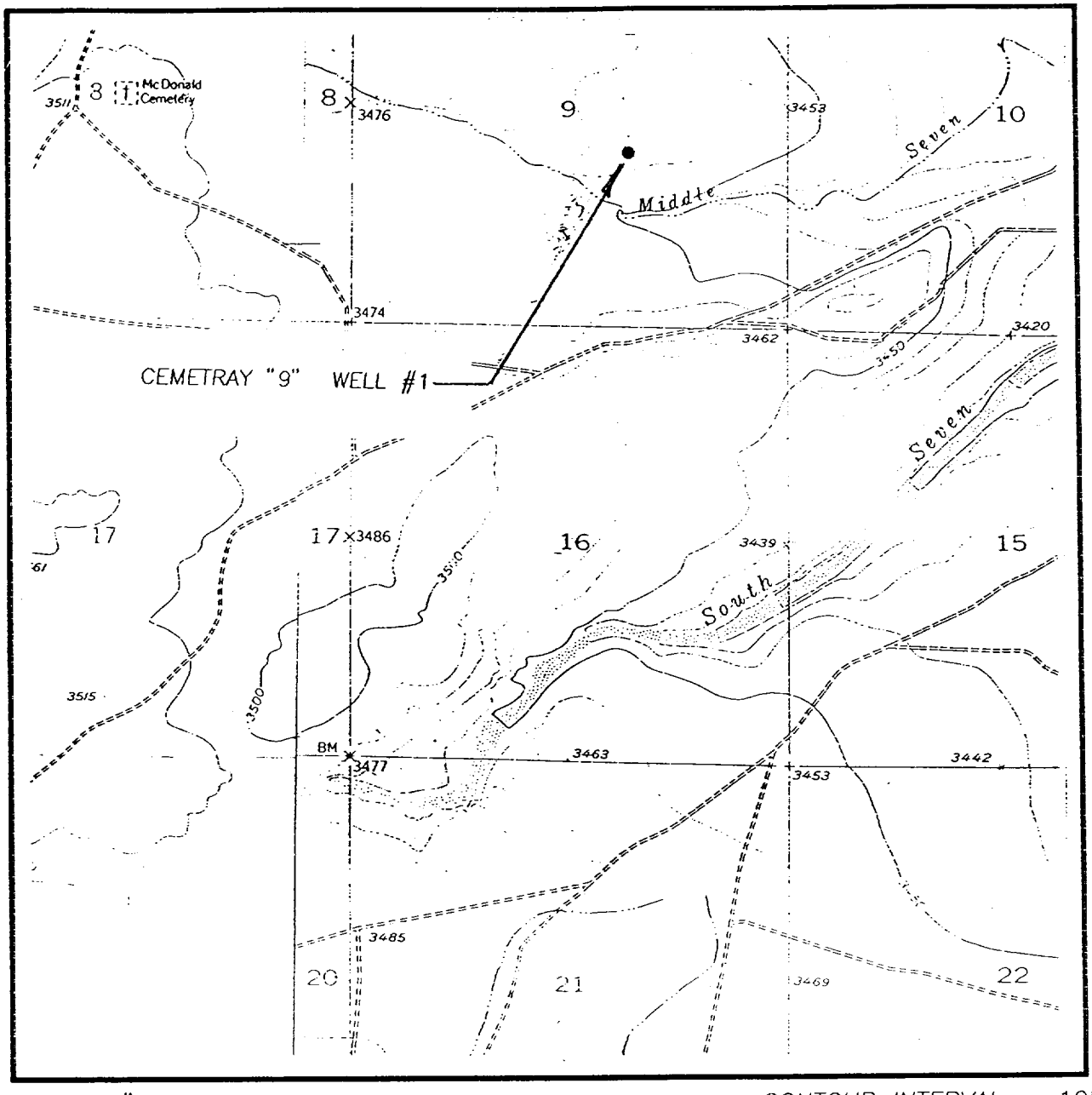
ELEVATION 3464'

OPERATOR MEDALLION PRODUCTION CO.

LEASE CEMETRAY "9"

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

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL – 10'
W.5'S.I.

SEC. 9 TWP. 20–S RGE. 25–E

SURVEY N.M.P.M.

COUNTY EDDY

DESCRIPTION 1980' FSL & 1980' FEL

ELEVATION 3464'

OPERATOR MEDALLION PRODUCTION CO.

LEASE CEMETRAY "9"

U.S.G.S. TOPOGRAPHIC MAP
SEVEN RIVERS & FOSTER RANCH, N.M.

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

DRILLING PROGNOSIS
Medallion Production Company
Cemetary Prospect
Tweedy "9" #1
1980' FSL & 1980' FEL
Section 9-T20S-R25E
Eddy County, New Mexico

1. Geological Information:

Surface Elevation-3464' AGL
Estimated Formation Tops

San Andres	725'
Bone Spring	4000'
Wolfcamp	6625'
Atoka	8850'
Morrow	9300'
Proposed TD	9600'

2. Casing Program:

Casing Size	Setting Depth	Hole Size
13-3/8"	350'	17-1/2"
8-5/8"	1250'	12-1/4"
4-1/2"	9600'	7-7/8"

3. Mud Properties:

Depth	MW (ppg)	Viscosity	Fluid Loss (ml)
0-350'	8.4-9.4	32-36	NC
350'-1250'	8.4-9.0	28-32	NC
1250'-9000'	8.8-9.0	28-30	NC
9000'-9500'	9.0-9.2	32-34	10cc
9500'-9600'	9.2-9.4	34-38	8cc

Adequate supplies of LCM and weighting materials will be kept on location to meet the usual range of circulating and pressure control problems.

4. Pressure Control:

The well will be drilled with conventional rotary tools of adequate size and power for the depths involved. At present the choice of contractor is pending. Subsurface pressures will be controlled as follows: (1) By mud of sufficient weight to control expected subsurface pressures, and
(2) By a 5000 psig BOP double ram stack with a 5000 psig annular preventer installed on the 8-5/8" casing.

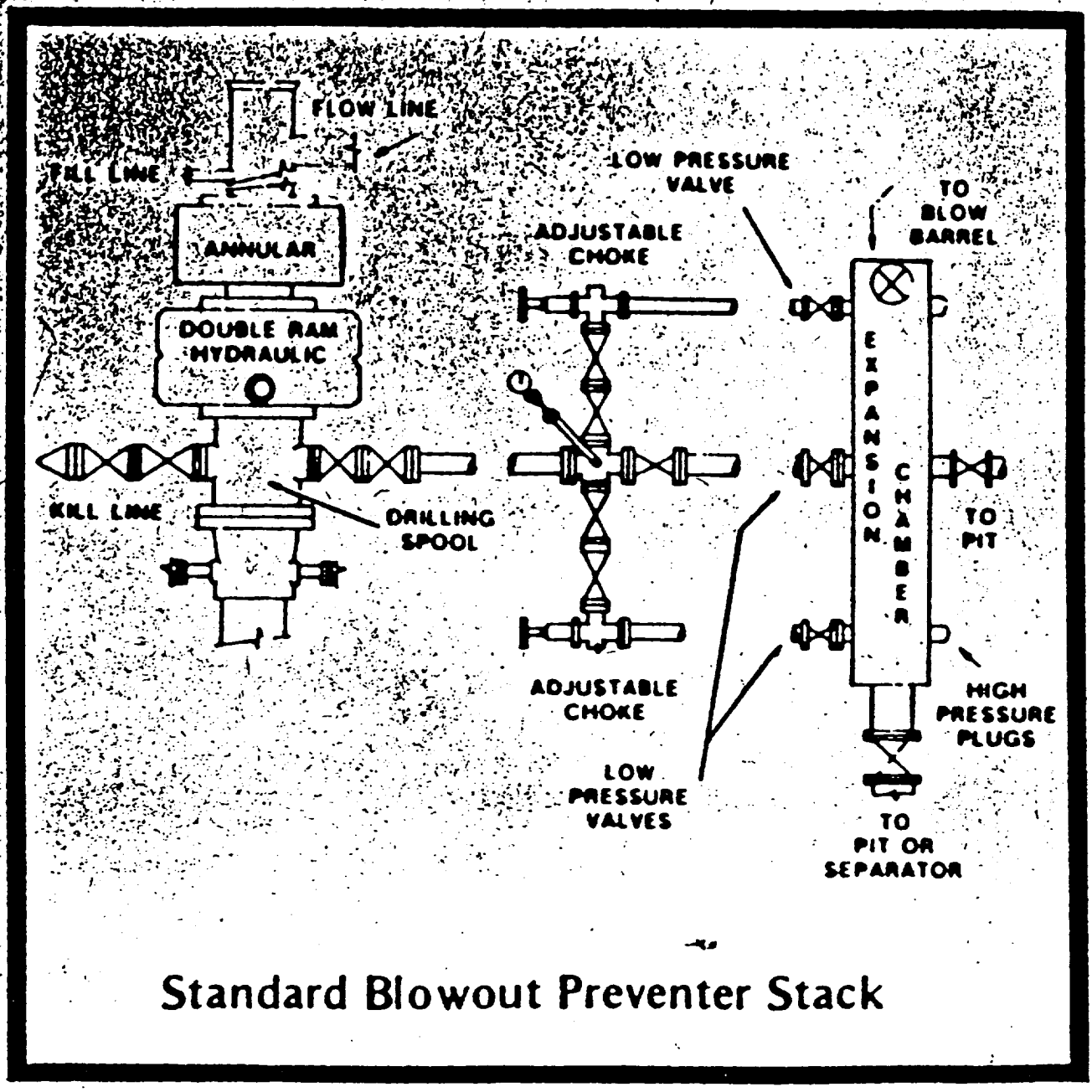
BOP chokes, manifolding, and accessory equipment as is customary to the area will be installed. The stack will be tested to the rated pressure and the annular to 2500 psig upon installation. Pipe rams will be cycled daily. The 8-5/8" casing will be tested to 1500 psig prior to drilling out.

A schematic of a representative BOP Stack is attached as Exhibit 'A'.

5. Formation Evaluation:

A. 10 ft drilling samples will be bagged from 4000' to TD.
B. A one man mud logging unit will be installed and logging from 6000' to TD.
C. A drill stem test is possible over the Morrow zone expected at about 9350'.
D. A Gamma Ray log will be run from TD to surface; a DLL and CNL/LD log will be run from TD to Intermediate casing (8-5/8".)

"EXHIBIT A"



Standard Blowout Preventer Stack