Form 3160-3
(July 1992)

New Mexico Oil Conservation Division, District I
1625 N. French Drive
Hobbs, NM 88240

SUBMIT IN TRIPLICATE (Other instructions on reverse side)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

5. LEASE DESIGNATION AND SERIAL NO.: NM-0245247

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

1a. TYPE OF WORK: DRILL [XX] DEEPEN [ ]

b. TYPE OF WELL: OIL WELL [XX] GAS WELL [ ] OTHER — SINGLE ZONE [X] MULTIPLE ZONE [ ]

8. FARM OR LEASE NAME, WELL NO.: McELVAIN # 7

2. NAME OF OPERATOR: C.W. TRAINER (432-687-2505)

9. API WELL NO.: 30-025-36588

3. ADDRESS AND TELEPHONE NO.: % OIL REPORTS & GAS SERVICES
1008 WEST BROADWAY HOBBS, NEW MEXICO 88240

10. FIELD AND POOL, OR WILDCAT: EK-DELAWARE

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface: 1980' FSL & 2310' FEL SEC. 25 T18S-R33E LEA CO. NM Unit J
At proposed prod. zone: SAME
Capitan Controlled Water Basin

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: SECTION 25 T18S-R33E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: Approximately 35 miles west of Hobbs New Mexico

12. COUNTY OR PARISH: LEA CO.

13. STATE: NEW MEXICO

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any): 330'

16. NO. OF ACRES IN LEASE: 1280

17. NO. OF ACRES ASSIGNED TO THIS WELL: 40

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.: NA

19. PROPOSED DEPTH: 6000'

20. ROTARY OR CABLE TOOLS: ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 3868' GR.

22. APPROX. DATE WORK WILL START*: WHEN APPROVED

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12¼"	K-55 8 5/8"	32	300'	350 Sx. circulate to surface.
7 7/8"	K-55 5½"	17	6000'	1150 Sx. " " "

1. Drill 12¼" hole to 300'. Run and set 300' of 8 5/8" 32# K-55 ST&C casing. Cement with 350 Sx. of Class "C" cement + 2% CaCl, + ¼# Flocele/Sx. Circulate cement to surface.

2. Drill 7 7/8" hole to 6000'. Run and set 6000' of 5½" 17# K-55 ST&C casing. Cement with 875 Sx. of Class "C" Light Weight cement + additives, tail in with 275 Sx. of Class "C" cement + additives, top of cement surface or at least 500' above the upper most hydrocarbon bearing zone.

OPER. OGRID NO. 3474
PROPERTY NO. 11416
POOL CODE 21655
EFF. DATE 2/24/04
API NO. 30-025-36588

APPROVAL SUBJECT TO GENERAL REQUIREMENTS AND SPECIAL STIPULATIONS ATTACHED

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED Joe T. Janica TITLE Agent DATE 01/26/04

(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 operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

FEB 2004 RECEIVED Hobbs OCD

APPROVED BY /S/ JOE G. LARA ACTING TITLE FIELD MANAGER DATE FEB 18 2004

*See Instructions On Reverse Side

APPROVAL FOR 1 YEAR

Title 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, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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

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

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
30-025-36588	21655	E-K DELAWARE

Property Code	Property Name	Well Number
011416	McELVAIN	7

OGRID No.	Operator Name	Elevation
003474	C.W. TRAINER	3868'

Surface Location

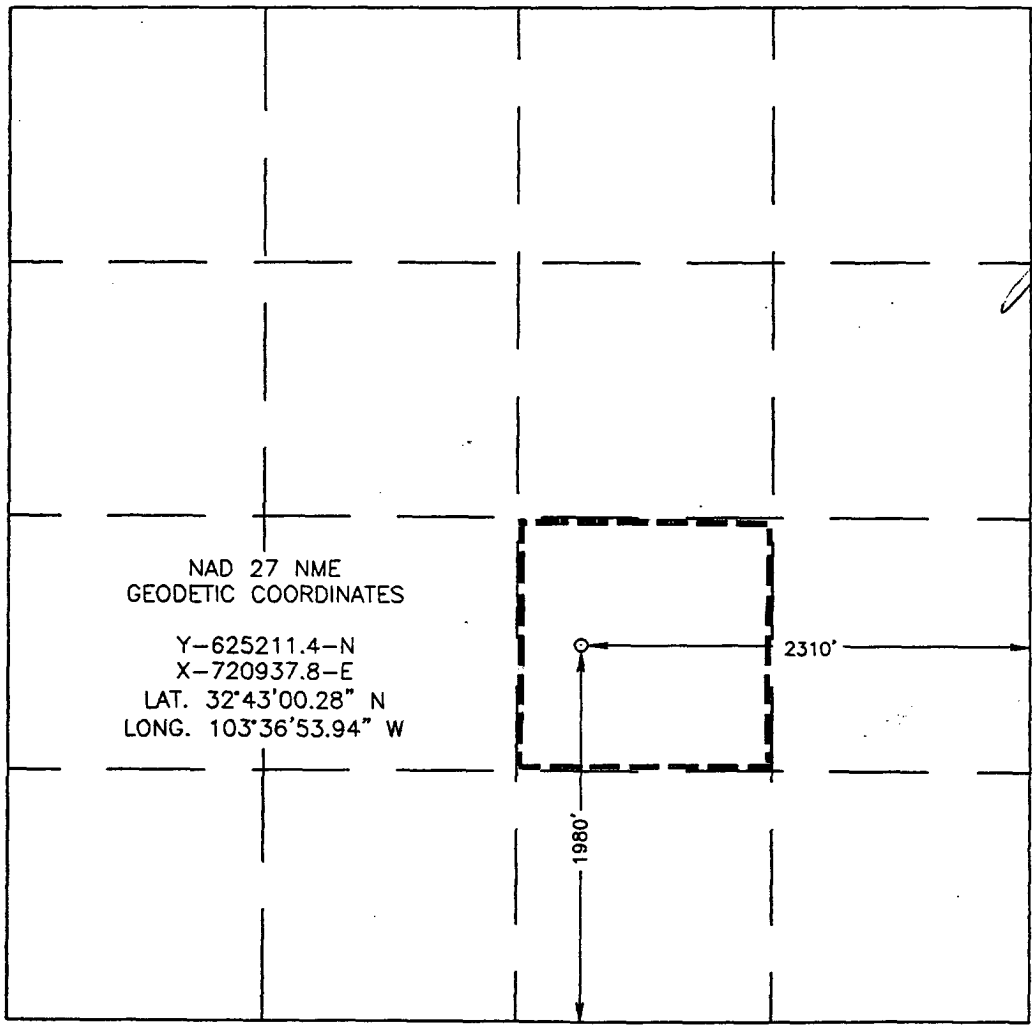
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	25	18 S	33 E		1980	SOUTH	2310	EAST	LEA

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	Joint or Infill	Consolidation Code	Order No.
40			

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.

Signature

Joe T. Janica
Printed Name

Agent
Title

01/20/04
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.

FEB 2004
RECEIVED
Hobbs

JANUARY 13, 2004
Date Surveyed

Signature & Seal of Professional Surveyor

Gary L. Eidson 1/19/04

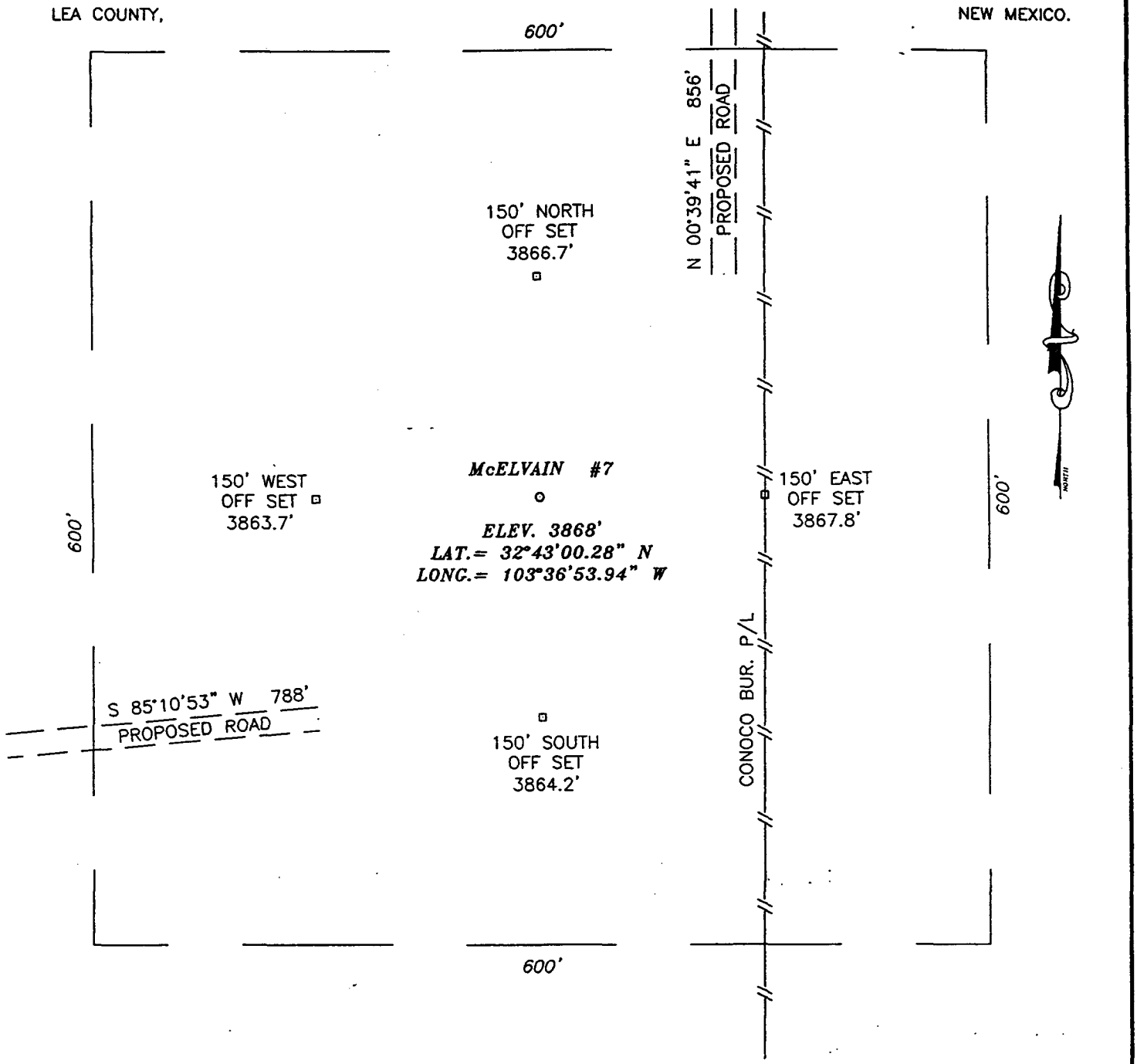
04.11.0038

Certificate No. GARY EIDSON 12641

EXHIBIT "A"

SECTION 25, TOWNSHIP 18 SOUTH, RANGE 33 EAST, N.M.P.M.,

LEA COUNTY, NEW MEXICO.



100 0 100 200 FEET

Scale:1"=100'

DRIVING DIRECTIONS:

GOING NORTHWEST ON STATE HIGHWAY 529 TURN LEFT 0.1 MILES PAST MILE MARKER 17. GO SOUTHWEST 0.1 MILES TO BEND IN CALICHE ROAD. CONTINUE SOUTH 1.0 MILE ON CALICHE ROAD TO "Y". STAY RIGHT AT "Y" AND GO SOUTHWEST 1.5 MILES. TURN LEFT ON CALICHE ROAD & GO EAST 0.23 MILES TO PIPELINE. TURN RIGHT ON PIPELINE DIRT ROAD AND GO SOUTH 0.20 MILES. PROPOSED WELL IS 150' WEST.

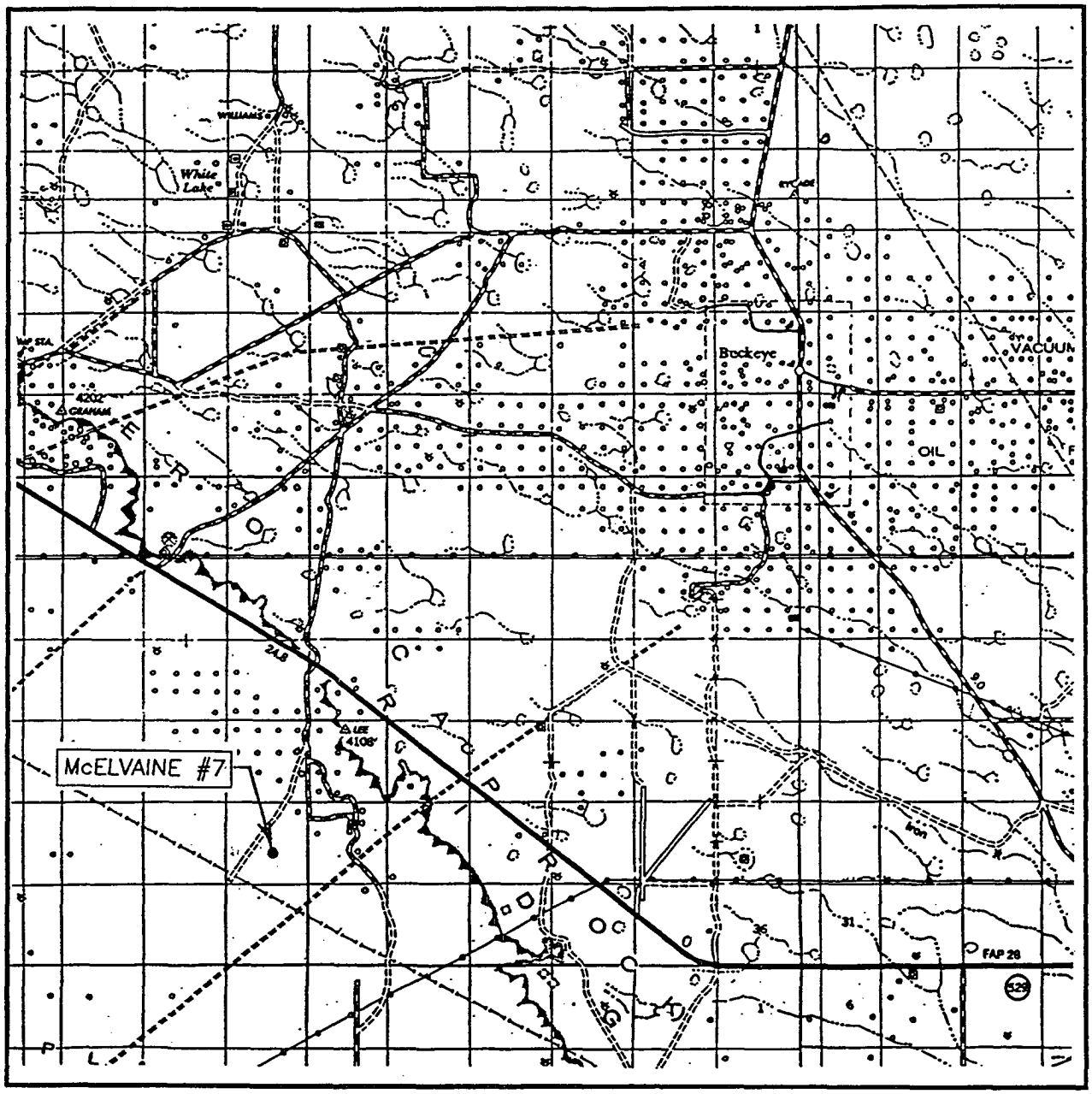
JOHN WEST SURVEYING COMPANY
412 N. DAL PASO – HOBBS, NEW MEXICO – 505-393-3117

C.W. TRAINER

McELVAIN #7 WELL
LOCATED 1980 FEET FROM THE SOUTH LINE
AND 2310 FEET FROM THE EAST LINE OF SECTION 25,
TOWNSHIP 18 SOUTH, RANGE 33 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO.

Survey Date: 1/13/04		Sheet 1 of 1 Sheets	
W.O. Number: 04.11.0038		DRAWN BY: L. PERALES	
Date:1/15/04	DISK: CD '04	04110038	Scale:1"=100'

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 25 TWP. 18-S RGE. 33-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 1980' FSL & 2310' FEL

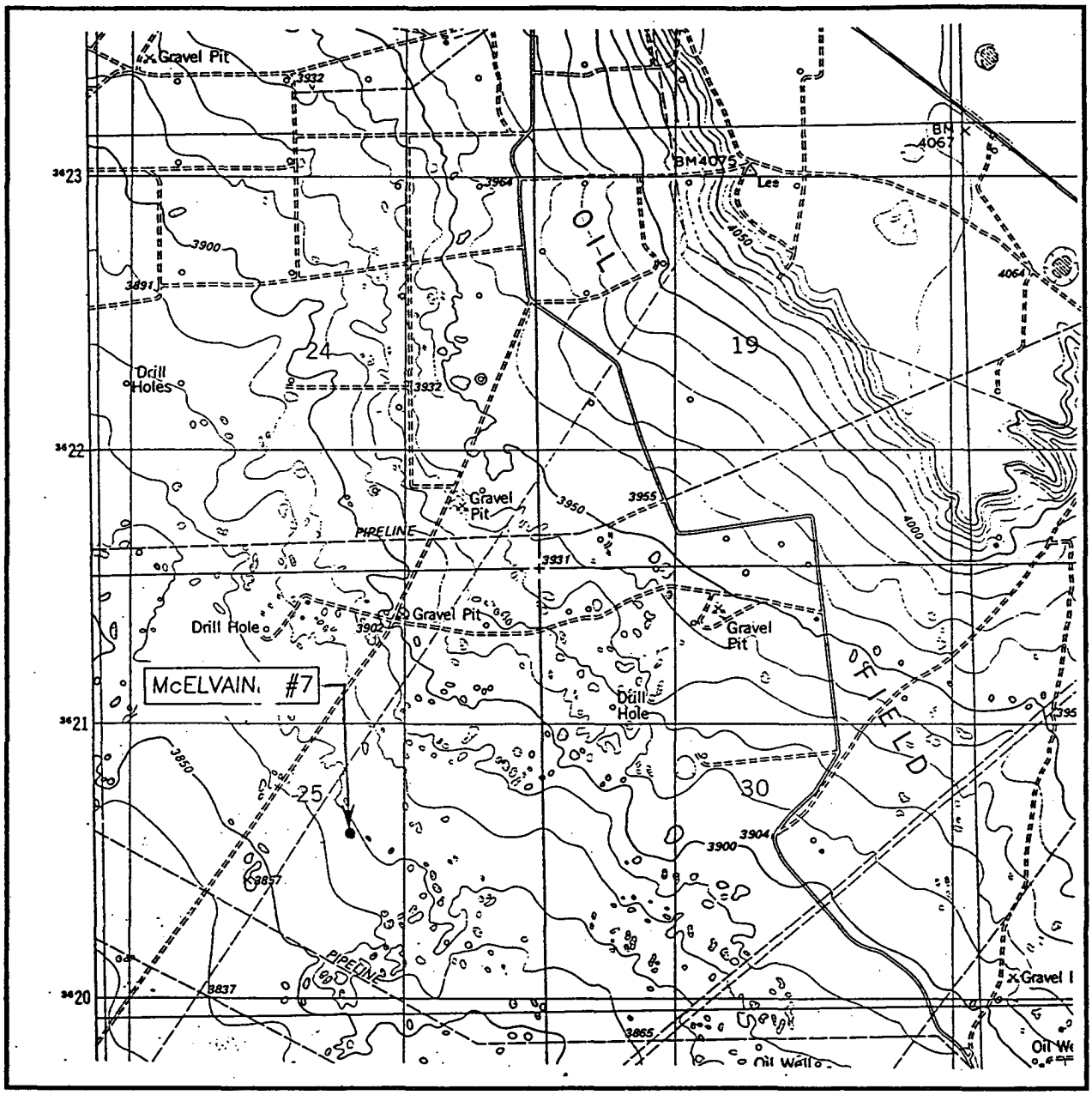
ELEVATION 3868'

OPERATOR C.W. TRAINER

LEASE McELVAINE

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

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:
IRON HOUSE WELL, N.M. – 10'

SEC. 25 TWP. 18-S RGE. 33-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 1980' FSL & 2310' FEL

ELEVATION 3868'

OPERATOR C.W. TRAINER

LEASE McELVAINE

U.S.G.S. TOPOGRAPHIC MAP
IRON HOUSE WELL, N.M.

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

APPLICATION TO DRILL

C.W. TRAINER
McELVAIN # 7
UNIT "J" SECTION 25
T18S-R33E LEA CO. NM

In response to questions asked under Section II of Bulletin NTL-6 the following information on the above well is providedfor your consideration.

1. Location of well: 1980' FSL & 2310' FEL SEC. 25 T18S-R33E LEA CO. NM

2. Ground Elevation above Sea Level: 3868' GR.

3. Geological age of surface formation: Quaternary Deposits:

4. Drilling tools and associated equipment: Conventional rotary drilling rig using drilling mud as a circulating medium to remove solids from hole.

5. Proposed drilling depth: 6000'

6. Estimated tops of geological markers:

Rustler Anhydrite	1630'	Queen	4400'
Yates	3640'	Delaware	5630'

7. Possible mineral bearing formations:

Delaware Oil

8. Casing Program:

Hole Size	Interval	OD of Casing	Weight	Thread	Collar	Grade
12¼"	0-300'	8 5/8"	32#	8-R	ST&C	K-55
7 7/8"	0-6000'	5½"	17#	8-R	ST&C	K-55

APPLICATION TO DRILL

C.W. TRAINER
McELVAIN # 7
UNIT "J" SECTION 25
T18S-R33E LEA CO. NM

9. CASING CEMENTING & SETTING DEPTH:

8 5/8"	Surface	Set 300' of 8 5/8" 32# K-55 ST&C casing. Cement with 350 Sx. of Class "C" cement + 2% CaCl, + ¼# Flocele/Sx. Circulate cement to surface.
5½"	Production	Set 6000' of 5½" 17# K-55 ST&C casing. Cement with 875 Sx. of Class "C" Light Weight cement + additives, tail in with 275 Sx. of Class "C" + ¼# Flocele/Sx. + 2% CaCl. Circulate cement to surface or at least 500' above the top of the upper most hydrocarbon bearing zone.

10. PRESSURE CONTROL EQUIPMENT: Exhibit "E" shows a 900 series 3000 PSI working perssure B.O.P. consisting of an annular bag type preventor, middle blind rams, and bottom pipe rams. The B.O.P. will be nippled up on the 8 5/8" casing and tested to API specifications. The B.O.P. will be operated at least once each 24 Hr. period and the blind rams will be operated when the drill pipe is out of on trips. Full opening stabbing valve and upper kelly cock will be available in case if needed. Exhibit "E-1" shows a hydraulically operated closing unit and a 3" 3000 PSI choke manifold with adjustable chokes. No abnormal pressures or temperatures are expected while drilling this well. No problems in offset wells.

11. PROPOSED MUD CIRCULATING SYSTEM:

DEPTH	MUD WT.	VISC.	FLUID LOSS	TYPE MUD SYSTEM
0-300'	8.4-8.7	29-32	NC	Fresh water spud mud use paper to control seepage
300-1650	8.4-8.7	29-38	NC	Fresh water Spud mud add paper to control seepage and high viscosity sweeps to clean hole.
1650-6000'	10.0-10.2	29-40	NC*	Brine water add Salt Gel to control viscosity Use high viscosity sweeps to clean hole, oil may be added if necessary.

* In order to run logs & casing water loss may have to be lowered by using Starch or a Dris-Pac system.

Sufficient mud materials will be kept on location at all times in order to combat lost circulation, or unexpected kicks. In order to run DST's, open hole logs, and casing, viscosity, and water loss may have to be adjusted to meet these needs.

12. LOGGING, CORING, AND TESTING PROGRAM:

A. Open hole logs: Dual Laterolog, SNP. LDT, Gamma Ray, Caliper from TD back to the 8 5/8" casing shoe. Run Gamma Ray, Neutron from 8 5/8" casing shoe back to surface.

B. No DST's or cores are planned at this time.

C. Mud logger may be placed on the hole at the advice of Geologist.

13. POTENTIAL HAZARDS:

No abnormal pressures or temperatures are expected. There is no known presence of H^2S in this area. If H^2S is encountered the operator will comply with the provisions of Onshore Oil and Gas Order No. 6. No lost circulation is expected to occur. All personnel will be familiar with all aspects of safe operation of equipment being used to drill this well. Estimated BHP 3000 PSI, and Estimated BHT 145°.

14. ANTICIPATED STARTING DATE AND DURATION OF OPERATION:

Road and location construction will begin after the BLM has approved the APD. Anticipated spud date will be as soon after BLM approval and as soon as a rig will be available. Move in operation and drilling is expected to take 12 days. If production casing is run then an additional 30 days will be needed to complete well and construct surface facilities and/or lay flowlines in order to place well on production.

15. OTHER FACETS OF OPERATIONS:

After running casing, cased hole Gamma Ray, Neutron Collar logs will be run from TD back to all possible productive zones. The Delaware formation will be perforated and stimulated in order to establish production. The well will be swab tested and potentialed as an oil well.

HYDROGEN SULFIDE DRILLING OPERATIONS PLAN

1. All Company and Contract personnel admitted on location must be trained by a qualified H_2S safety instructor to the following:

   A. Characteristics of H_2S
   B. Physical effects and hazzards
   C. Proper use of safety equipment and life support systems.
   D. Principle and operation of H_2S detectors, warning system and briefing areas.
   E. Evacuation procedure, routes and first aid.
   F. Proper use of 30 minute pressure demand air pack.

2. H_2S Detection and Alarm Systems

   A. H_2S detectors and audio alarm system to be located at bell nipple, end of blooie line (mud pit) and on derrick floor or doghouse.

3. Windsock and/or wind streamers

   A. Windsock at mudpit area should be high enough to be visible.
   B. Windsock at briefing area should be high enough to be visible.
   C. There should be a windsock at entrance to location.

4. Condition Flags and Signs

   A. Warning sign on access road to location.
   B. Flags to be displayed on sign at entrance to location. Green flag, normal safe condition. Yellow flag indicates potential pressure and danger. Red flag, danger, H_2S present in dangerous concentration. Only emergency personnel admitted to location.

5. Well control equipment

   A. See exhibit "E" & "E-1"

6. Communication

   A. While working under masks chalkboards will be used for communication.
   B. Hand signals will be used where chalk board is inappropriate.
   C. Two way radio will be used to communicate off location in case of emergency help is required. In most cases cellular telephoned will be available at most drilling foreman's trailer or living quarters.

7. Drillstem Testing

   A. Exhausts will be watered.
   B. Flare line will be equipped with an electric ignitor or a propane pilot light in case gas reaches the surface.
   C. If the location is near to a dwelling a closed DST will be performed.

HYDROGEN SULFIDE DRILLING OPERATIONS PLAN

8. Drilling contractor supervisor will be required to be familiar with the effects H_2S has on tubular goods and other mechanical equipment.

9. If H_2S is encountered, mud system will be altered if necessary to maintain control of formation. A mud gas seperator will be brought into service along with H_2S scavengers if necessary.

SURFACE USE PLAN

C.W. TRAINER
McELVAIN # 7
UNIT "L" SECTION 25
T18S-R33E LEA CO. NM

1. EXISTING ROADS & PROPOSED ROADS: Area maps; Exhibit "B" is a reproduction of a County General Hi-way Map. Exhibit "C" is a reproduction of a USGS Topographic Map, showing existing and proposed roads. All existing roads will be maintained in a condition equal to or better than current conditions. Any new roads will be constructed to BLM specifications.

   A. Exhibit "A" shows the proposed well site as staked.

   B. From Hobbs New Mexico take U.S. Hi-way 62-180 West for approximately 14 miles to the junction with State Hi-way 529 bear Right and follow 529 for 14± miles to Mile Post 17, turn South on caliche road and follow main road for 1.2 miles bear Right go 1.2± miles turn Left (East) go .2 miles turn Right (South) go .2 miles to location on the west side of road.

   C. Exhibit "F" shows the route of roads , flowlines, and powerlines.

2. PLANNED ACCESS ROADS:

   A. The access roads will be crowned and ditched to a 12' wide travel surface with a 40' Right-of-Way.

   B, Gradient of all roads will be less than 5.00%.

   C. If turn-outs are necessary they will be constructed.

   D. If needed roads will be surfaced with a mimimum of 4" of caliche. This material will be obtained from a local source.

   E. Center-line for new roads will be flagged. Earth-work will be will be done as field conditions require.

   F. Culverts will be placed in the access road if they are necessary. The roads will be constructed to utilaze low water crossings for drainage as required by topography.

3. LOCATIONS OF EXISTING WELLS IN A ONE MILE RADIUS. EXHIBIT "A-1"

   A. Water wells -None known

   B. Disposal wells - None known

   C. Drilling wells - None known

   D. Producing wells - As shown on Exhibit "A-1"

   E. Abandoned wells - As shown on Exhibit "A-1"

SURFACE USE PLAN

C.W. TRAINER
McELVAIN # 7
UNIT "L" SECTION 25
T18S-R33E LEA CO. NM

4. If on completion this well is a producer the operator will lay pipelines and construct powerlines along existing road R-O-W's or other existing R-O-W's. Possible routes of pipelines, flowlines and powerlines are shown on Exhibit "F".

5. LOCATION AND TYPE OF WATER SUPPLY:

Water will be purchased locally from a commercial source and trucked over the access roads or piped to location in flexible lines laid on top of the ground.

w/prior Sundry Notice approved. TSO

6. SOURCE OF CONSTRUCTION MATERIAL:

If possible construction material will be obtained from the excavation of drill site, if additional material is needed it will be obtained from a local source and transported over the access roads as shown on Exhibit "C".

7. METHODS OF HANDLING WASTE MATERIAL:

A. Drill cuttings will be disposed of in the reserve pits.

B. All trash, junk and other waste material will be contained in trash cages or trash bins to prevent scattering. When the job is completed all contents will be removed and disposed of in a approved sanitary land fill.

C. Salts remaining after completion of well will be picked up by the supplier, including broken sacks.

D. Waste water from living quaters will be drained into holes with a minium of 10'. These holes will be covered during drilling and will be back filled when the well is completed. A Porto-John will be provided for the rig crews. This equipment will be properly maintained during the drilling and completion operations and will be removed when all operations are complete.

E. Remaining drilling fluids will be allowed to evaporate in the reserve pits until the pits are dry enough to be broken out for furthed drying. If the drilling fluids do not evaporate in a reasonable time they will be hauled off by transports to a state approve disposal site. Later pips will be broken out to speed drying. Water produced during completion will be put in reserve pits. Oil and condensate produced will be put in storage tanks and sold.

8. ANCILLARY FACILITIES:

A. No camps or air strips will be constructed on location.

9. WELL SITE LAYOUT

A. Exhibit "D" shows the proposed well site layout.

B. This exhibit indicated proposed location of reserve and sump pits and living facilities.

C. Mud pits in the active circulating system will be steel pits & the reserve pit is proposed to be unlined unless subsurface condition encountered during pit construction indicate that lining is needed for lateral containment of fluids.

D. If needed, the reserve pit is to be lined with polyethelene. The pit liner will be 6 mils thick. Pit liner will extend a minimum 2'00" over the reserve pits dikes where the liner will be anchored down.

E. The reserve pit will be fenced on three sides with four strands of barbed wire during drilling and completion phases. The fourth side will be fenced after all drilling operations have ceased. If the well is a producer, the reserve pit fence will be torn down. The reserve pit and those areas of the location not essential to production facilities will be reclaimed and seeded per BLM requirements.

10. PLANS FOR RESTORATION OF SURFACE

Rehabilitation of the location and reserve pit will start in a timely manner after all drilling operations cease. The type of reclamation will depend on whether the well is a producer or a dry hole.

However, in either event, the reserve pit will be allowed to dry properly, and fluid removed and disposed of in accordance with Article 7.B as previously noted. The pit area will then be leveled and contoured to conform to the original and surrounding area. Drainage systems, if any, will be reshaped to the original configuration with provisions made to alleviate erosion. These may need to be modified in certain circumstances to prevent inundation of the location's pad and surface facilities. After the area has been shaped and contoured, topsoil from the spoil pile will be placed over the disturbed area to the extent possible. Revegetation procedures will comply with BLM standards.

If the well is a dry hole, the pad and road area will be contoured to match the existing terrain. Topsoil will be spread to the extent possible. Revegetation will comply with BLM standards.

Should the well be a producer, the previously noted procedures will apply to those areas which are not required for production facilities.

SURFACE USE PLAN

C.W. TRAINER
McELVAIN # 7
UNIT "L" SECTION 25
T18S-R33E LEA CO. NM

11. OTHER INFORMATION:

A. Topography consists of low lying sand dunes and the dip is in a South-Westerly direction.Vegetation consists of Shinnery oak, yucca,prickly pear meaquite, sand sage, broom snakeweed and various native grasses..

B. Surface is owned by the U.S. Government and is administered by the Bureau of Land Management. The surface is used for grazing livestock and the production of oil and gas.

C. An archaeological survey will be conducted on the location and access roads. This report will be filed with The Bureau of Land Management in the Carlsbad field office.

D. No dwellings are located in the near vicinity of this location.

12. OPERATORS REPRESENTIVES:

Before construction:

TIERRA EXPLORATION, INC
P.O. BOX 2188
HOBBS, NEW MEXICO 88241
OFFICE Ph. 505-391-8503
JOE T. JANICA

During and after construction:

C. W. TRAINER
P.O. BOX 745
MIDLAND, TEXAS 79702
OFFICE PHONE 432-687-2505
C. W. TRAINER

13. CERTIFICATION: I hereby certify that I, or persons under my direct supervision have inspected the proposed drill site and access roads, and that I am fimiliar with the conditions which currently exist, that the statements made in this plan are to the best of my knowledge true and correct; and that the work associated with the operations proposed herein will be performed by C. W. Trainer it's contractors/subcontractors is in compformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provision of U.S.C. 1001 for the filing of a false report.

NAME : Joe T Janica

DATE : 01/20/04

TITLE : Agent

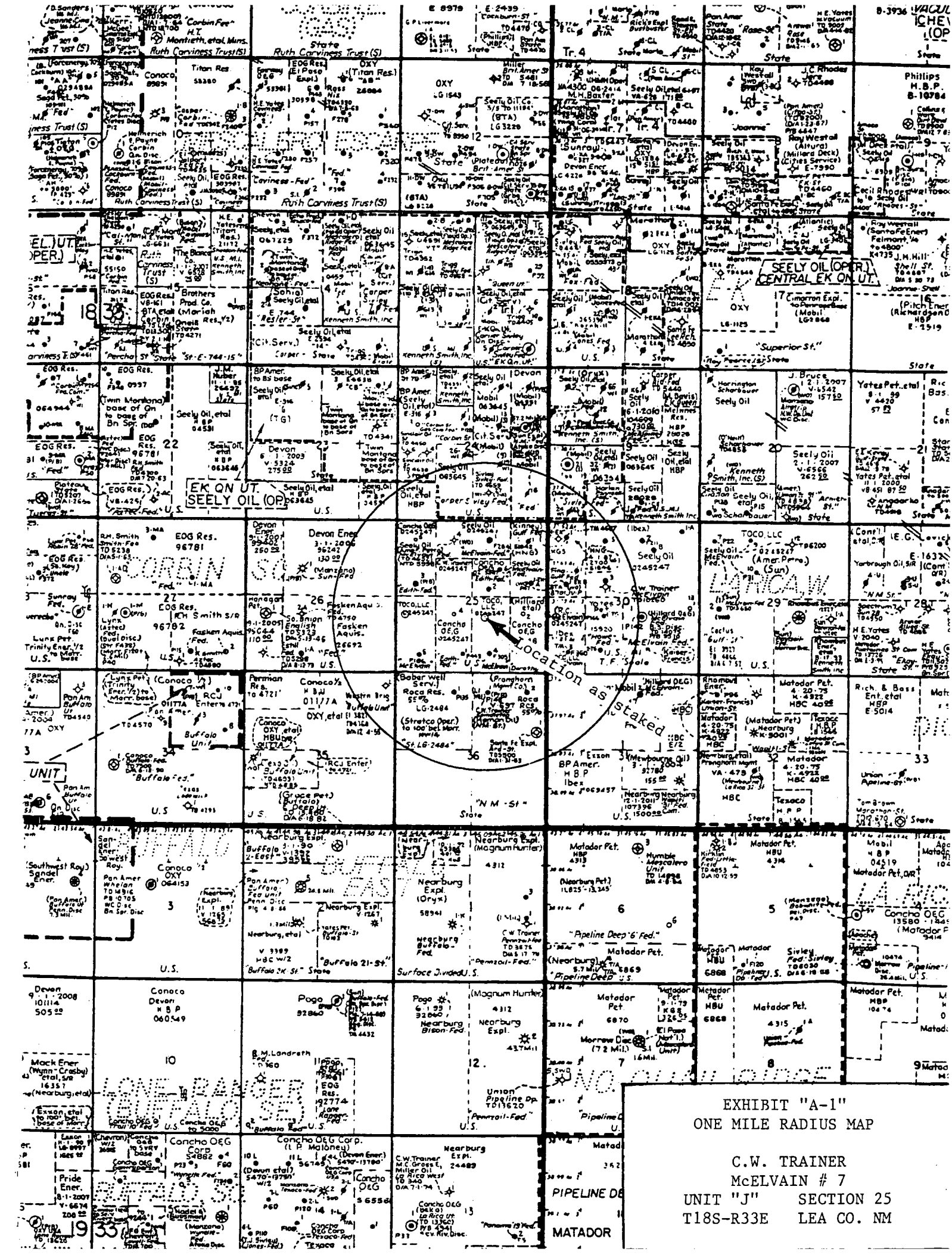


EXHIBIT "A-1"
ONE MILE RADIUS MAP

C.W. TRAINER
McELVAIN # 7
UNIT "J" SECTION 25
T18S-R33E LEA CO. NM

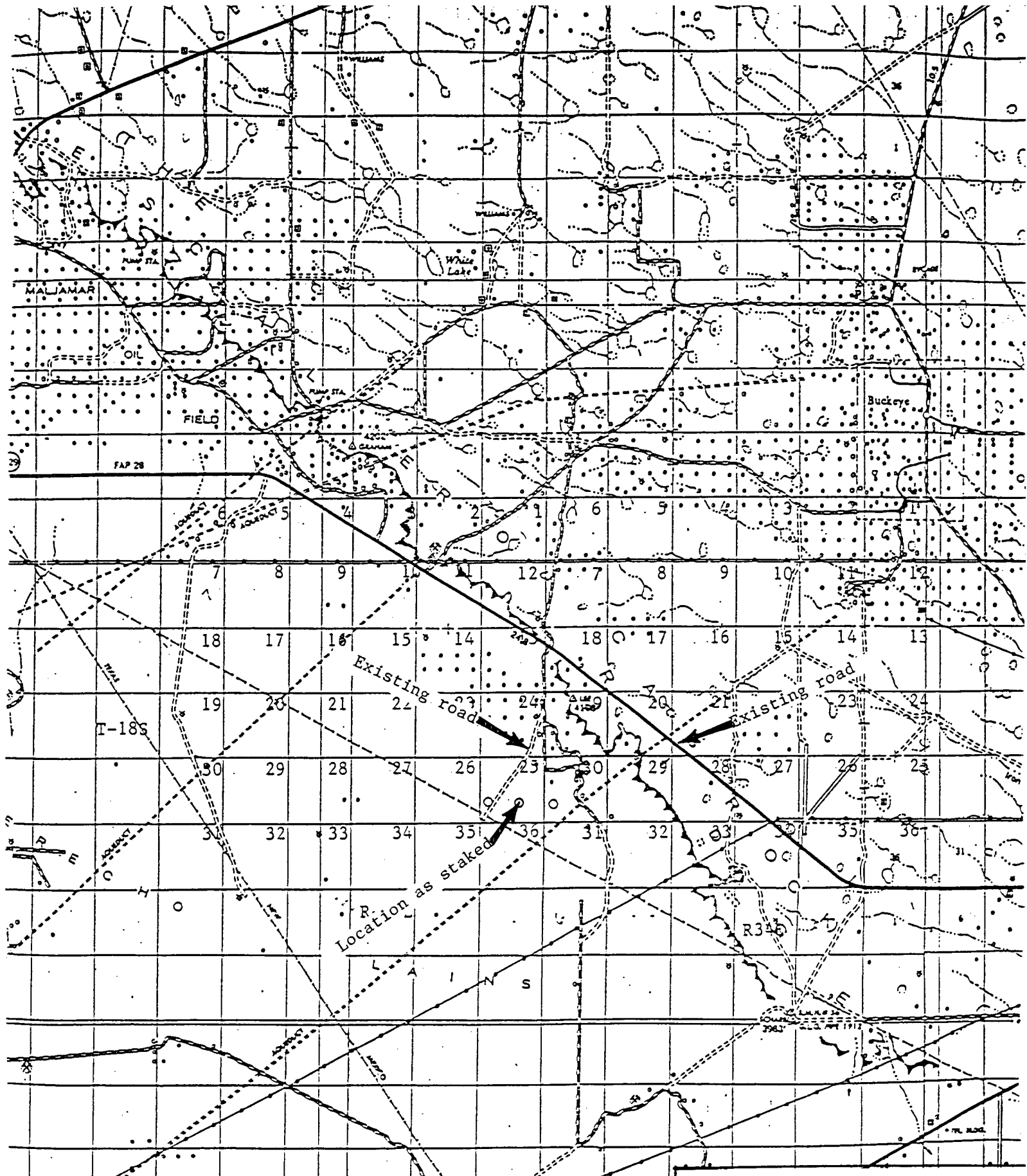
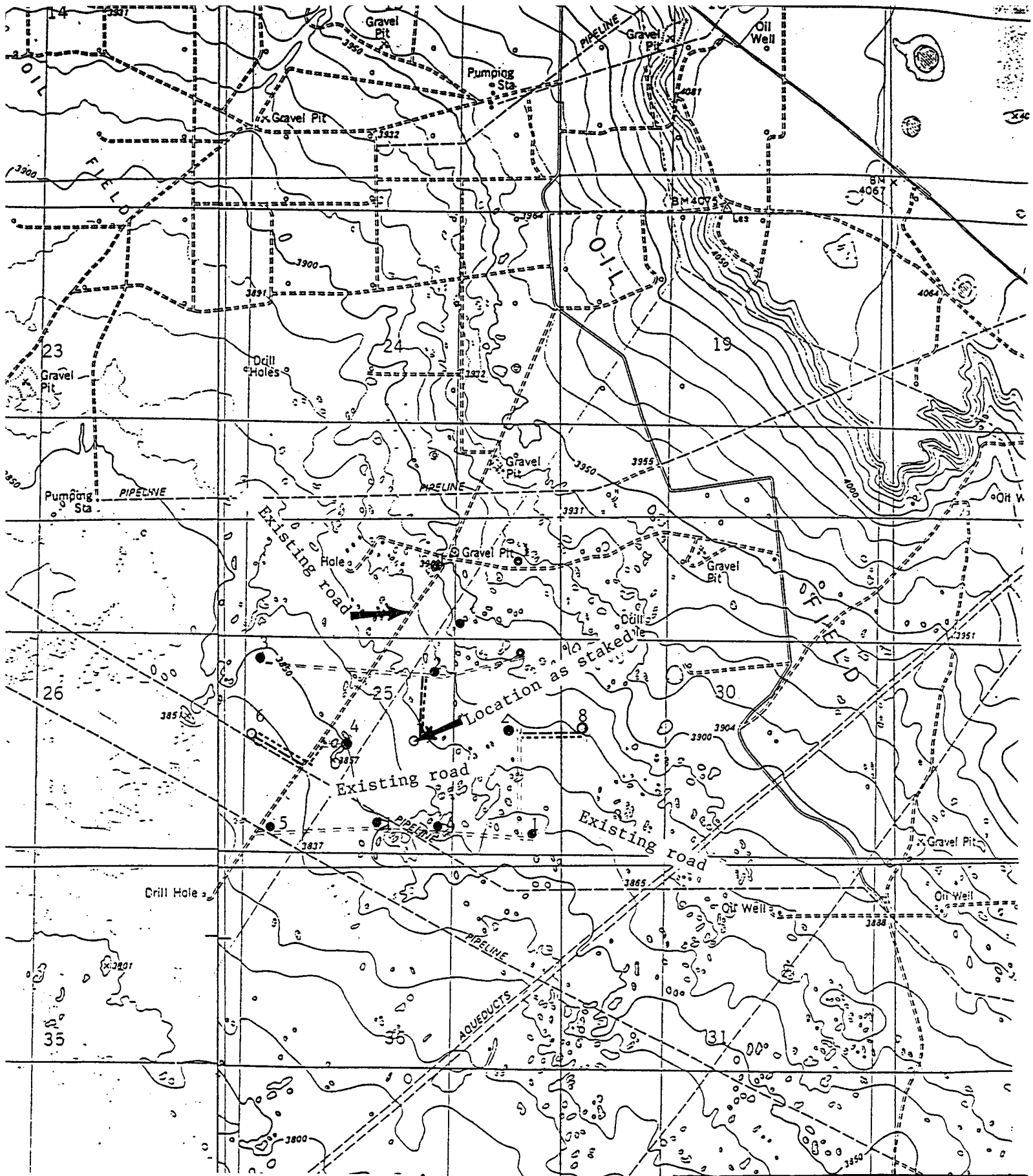


EXHIBIT "B"
LOCATION & ACCESS ROAD MAP

C.W. TRAINER
McELVAIN # 7
UNIT "J" SECTION 25
T18S-R33E LEA CO. NM



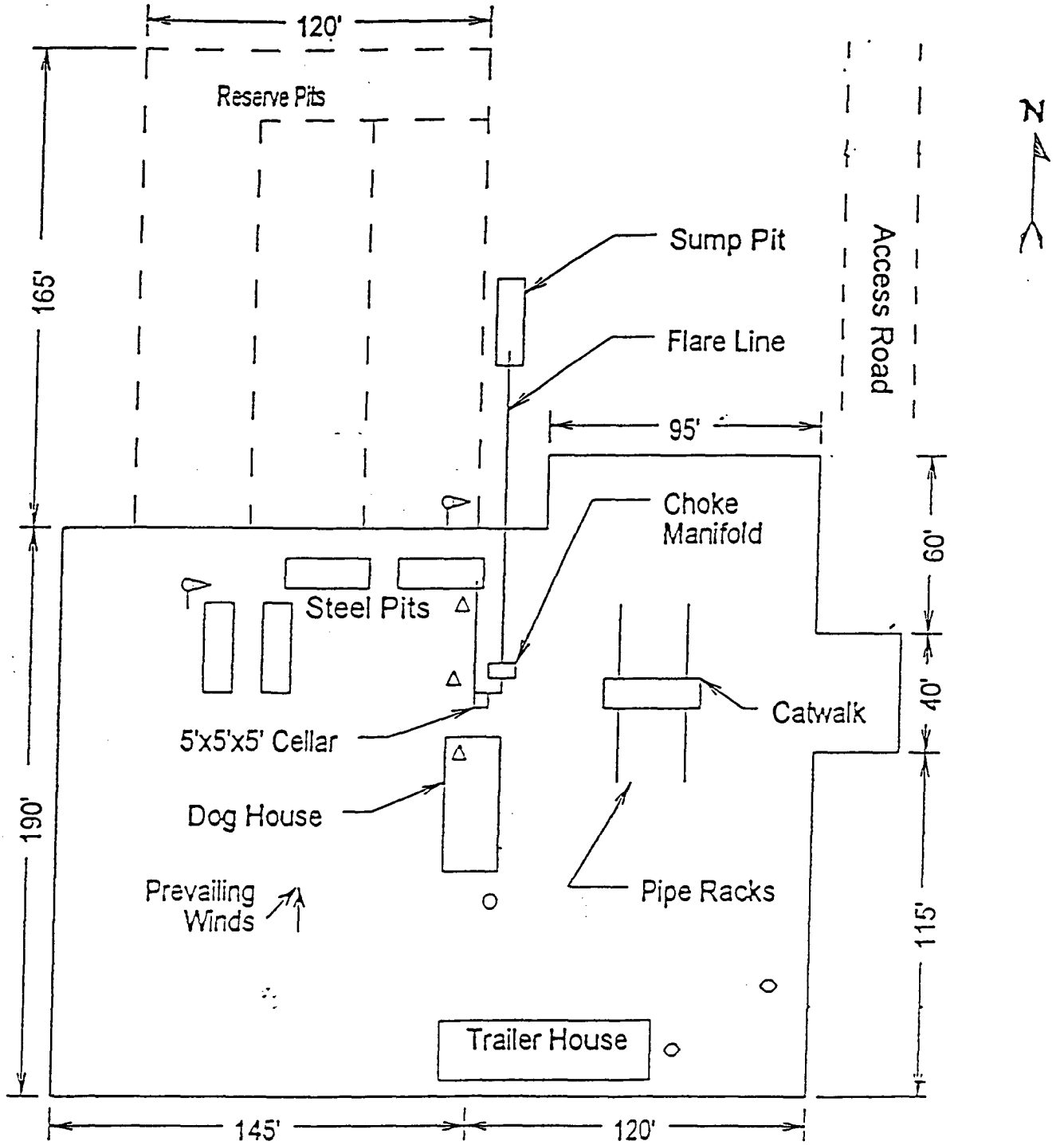
EXISTING ROAD ========

PROPOSED ROAD ————————

PROPOSED FLOWLINE ----------

EXHIBIT "C"
TOPOGRAPHIC MAP SHOWING
ROADS & DIRECTIONS TO

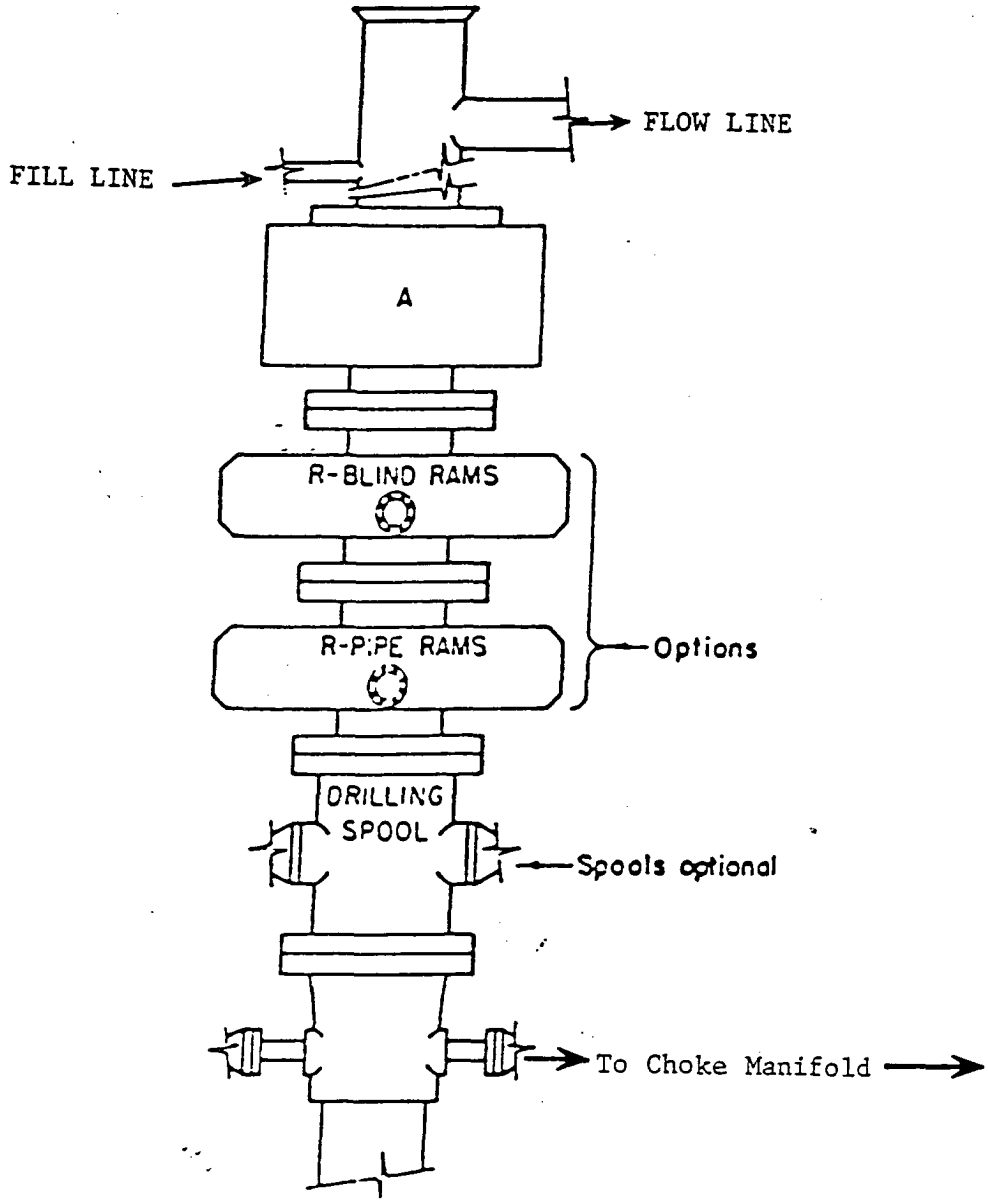
C.W. TRAINER
McELVAIN # 7
UNIT "J" SECTION 25
T18S-R33E LEA CO. NM



- Wind Direction Indicators (wind sock or streamers)
- △ H2S Monitors (alarms at bell nipple and shale shaker)
- ○ Briefing Areas
- ○ Remote BOP Closing Unit
- □ Sign and Condition Flags

EXHIBIT "D"
RIG LAYOUT PLAT

C.W. TRAINER
McELVAIN # 7
UNIT "J" SECTION 25
T18S-R33E LEA CO. NM

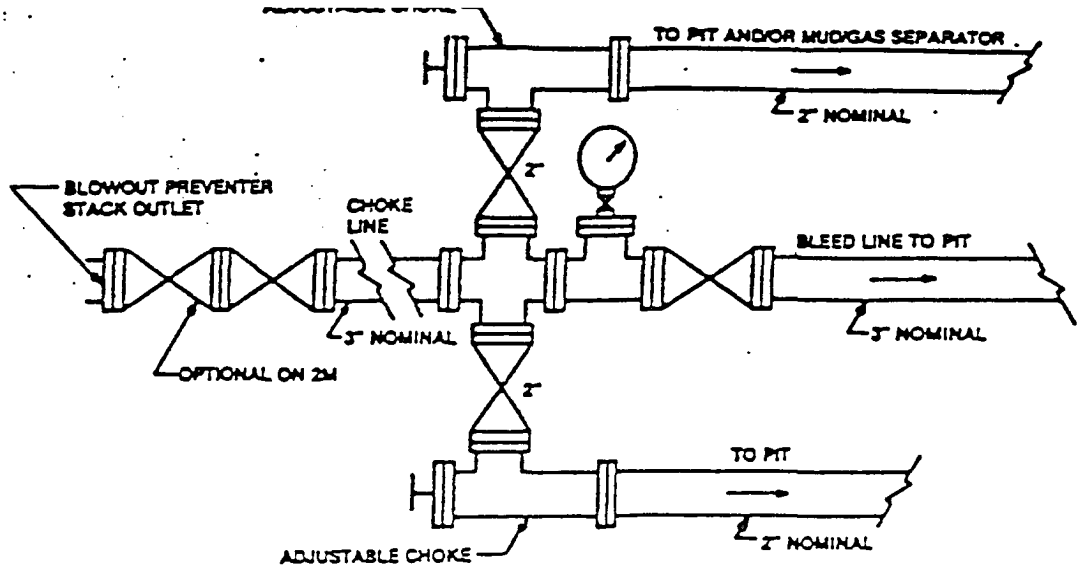


ARRANGEMENT SRRA

900 Series
3000 PSI WP

EXHIBIT "E"
SKETCH OF B.O.P. TO BE USED ON

C.W. TRAINER
McELVAIN #7
UNIT "J" SECTION 25
T18S-R33E LEA CO. NM



Typical choke manifold assembly for 3M WP system

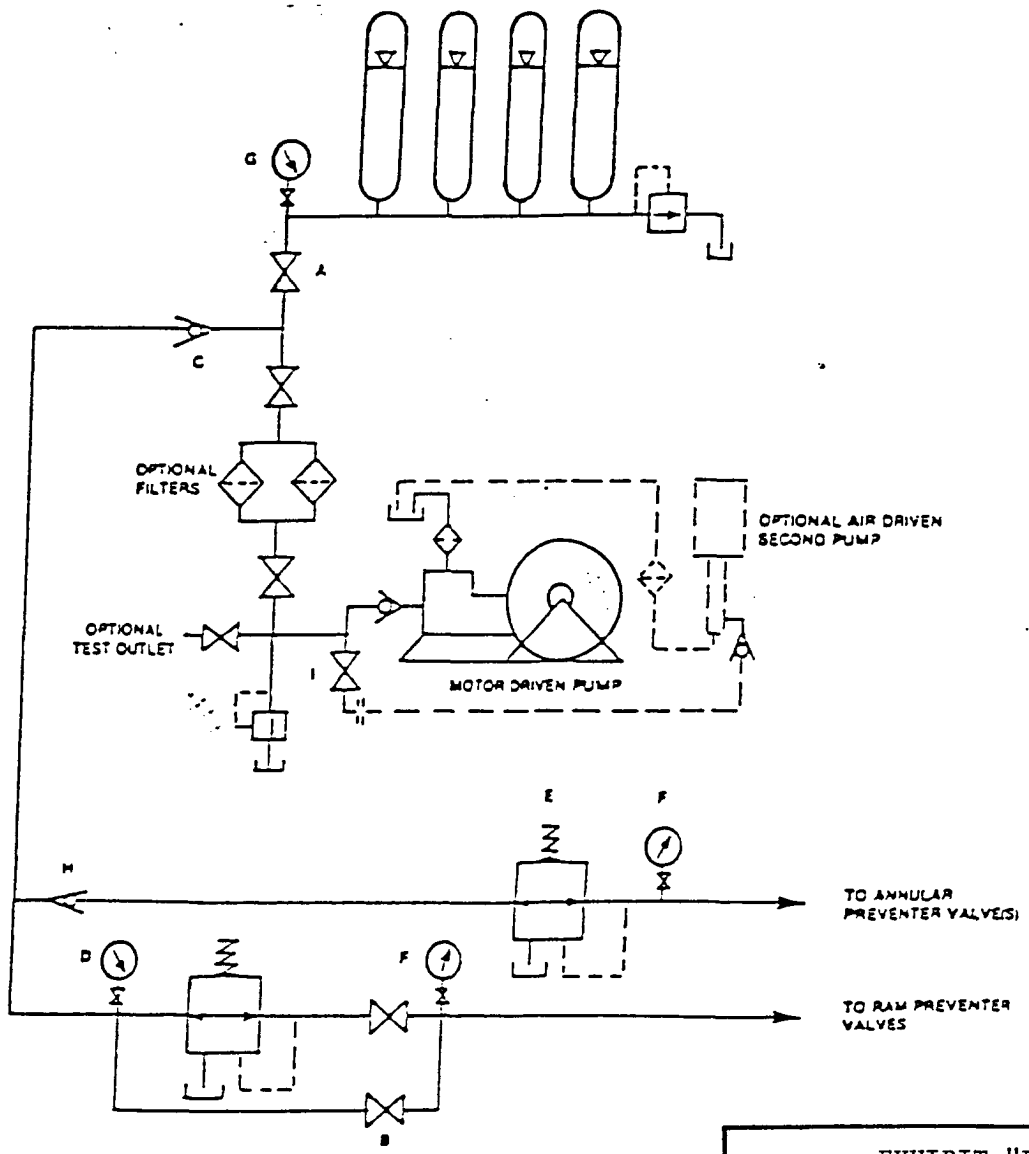
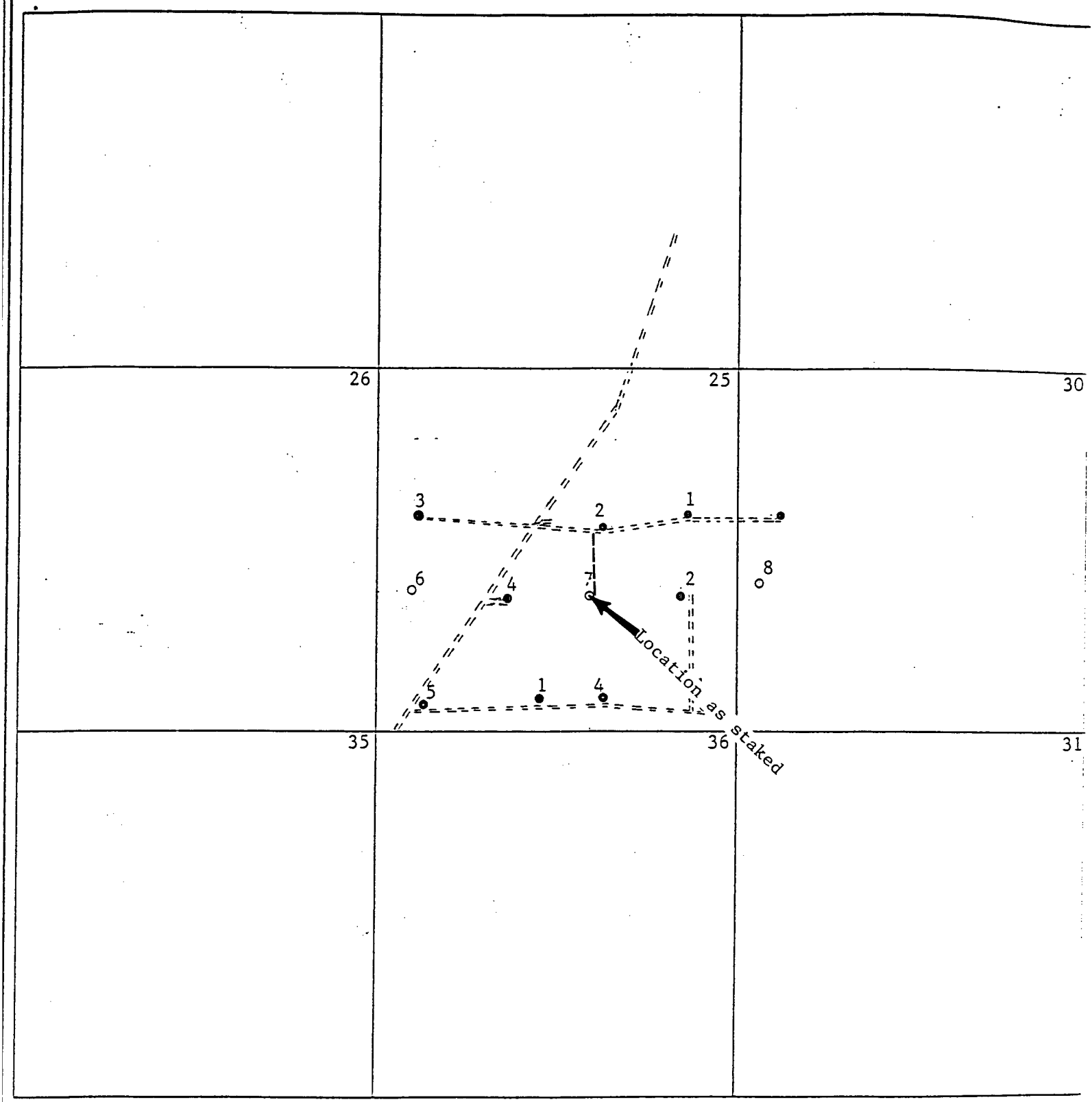


EXHIBIT "E-1"
CHOLE MANIFOLD & CLOSING UNIT

C.W. TRAINER
McELVAIN # 7
UNIT "J" SECTION 25
T18S-R33E LEA CO. NM



2000 0 2000 4000

SCALE: 1"=2000'

EXISTING ROAD ========

PROPOSED ROAD ----------

PROPOSED POWERLINE ----------

EXHIBIT "F"
PROPOSED ROAD &
POWERLINE ROUTE

C.W. TRAINER
McELVAIN # 7
UNIT "J" SECTION 25
T18S-R33E LEA CO. NM