

UNITED STATES  
DEPARTMENT OF INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to  
deepen or plug back to a different reservoir.

Use Form 3160-3 for such proposals.)

1. Oil well ☐ Gas Well ☒ Other ☐

Gas Well

2. Name of Operator

Norman L. Gilbreath

3. Address & Telephone No. (505) 334-2555

c/o A. R. Kendrick, Box 516, Aztec, NM 87410

4. Location of Well (Footage & S.T.R.)

1850' FNL 840' FWL

E-7-29N-12W

5. Lease Designation and Serial No.

NM-02989

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA, Agreement Designation.

8. Well Name and No.

Leslie K #1R

9. API Well No.

30-045-29642

10. Field and Pool, or Exploration Area

Fulcher Kutz-Pictured Cliffs

11. County or Parish, State

San Juan County, New Mexico

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

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other \_\_\_\_\_ Rights-Of-Way

☐ Change Plans

☒ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

17. Describe Proposed or Completed Operations (Give Pertinant Details and Dates.)

All new roadway and pipeline construction will be on private property and contained on the lease assigned to the well. Therefore, Rights-Of-Way are not required from the BLM.

The surface owner is Geoff McMahon, 60 Road 3950, Farmington, New Mexico 87401 (505) 325-2435.

RECEIVED  
JUN 1 8 1988  
OIL CON. DIV.  
DIST. 3

NOTE: This format is issued in lieu of U.S. BLM Form 3160-5.

14. I hereby certify that the foregoing is true and correct.

Signed AR Kendrick Title \_\_\_\_\_ Agent \_\_\_\_\_ Date 5-22-88

Approved by [Signature] Title Supervisor Date 5-22-88

Conditions of approval, if any:

NMOCB

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK**

1a. Type of Work <p style="text-align: center;"><b>Drill</b></p>		5. Lease Number <p style="text-align: center;"><b>NM-02989</b></p>	
1b Type of Well <p style="text-align: center;"><b>Gas</b></p>		6. If Indian, Name of Tribe or Allottee	
2. Operator <p style="text-align: center;"><b>Norman L. Gilbreath</b></p>		7. Unit Agreement Name	
3. Address & Phone No. of Operator <p style="text-align: center;">c/o A R Kendrick Box 516, Aztec, NM 87410-0516 (505) 334-2555</p>		8. Farm or Lease Name <p style="text-align: center;"><b>Leslie K</b></p>	
4. Location of Well <p style="text-align: center;"><b>1850' FNL 840' FWL, Unit E</b></p>		9. Well Number <p style="text-align: center;"><b>1 R</b></p>	
14. Distance in Miles from Nearest Town <p style="text-align: center;"><b>One-half mile east of Farmington, NM</b></p>		10. Field, Pool, or Wildcat <p style="text-align: center;"><b>Fulcher Kutz-Pictured Cliffs Pool</b></p>	
15. Distance from Proposed Location To Nearest Property Line or Lease Line.		11. Section, Township, & Range, Meridian, or Block <p style="text-align: center;"><b>7-29N-12W</b></p>	
16. Acres in Lease <p style="text-align: center;"><b>118.32 Acres</b></p>		12. County <p style="text-align: center;"><b>San Juan</b></p>	
17. Acres Assigned to Well <p style="text-align: center;"><b>158.32</b></p>		13. State <p style="text-align: center;"><b>New Mexico</b></p>	
18. Distance From Proposed Location To Nearest Well Dr, Compl., Or Applied For On Lease.		19. Proposed Depth <p style="text-align: center;"><b>1700'</b></p>	
20. Rotary or Cable Tools <p style="text-align: center;"><b>Rotary</b></p>		21. Elevations (DF, RT, GR, Etc.) <p style="text-align: center;"><b>5562' GR est</b></p>	
22. Approximate Date Work Will Start. <p style="text-align: center;"><b>6/15/98</b></p>		23. Proposed Casing and Cementing Program: <p style="text-align: center;"><b>See Exhibit "C", Ten Point Compliance Plan.</b></p>	
24. Signed <u><i>AR Kendrick</i></u> Title _____ Agent _____ Date <u><b>5-22-98</b></u>		Exhibits attached as follows: <div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <p>"A" Location and Elevation Plat</p> <p>"B" Vicinity Map - Access Roads</p> <p>"C" Ten-Point Compliance Program</p> <p>"D" Multi-Point Surface Use Plan</p> <p>"E" Blowout Preventer Schematic</p> </div> <div style="width: 48%;"> <p>"F" Location Profile</p> <p>"G" Drill Rig Layout</p> <p>"H" Completion Rig Layout</p> <p>"I" Production Facility Schematic</p> <p>"J" Wells Within One Mile</p> </div> </div>	

Permit No. \_\_\_\_\_ Approval Date **JUN 11 1998**

Approved By *Don [Signature]* Title *State Engineer* Date **JUN 11 1998**

NOTE: THIS FORMAT IS ISSUED IN LIEU OF U.S. BLM FORM 3160-3.

NMOCB

State of New Mexico  
Energy, Minerals & Natural Resources Department  
OIL CONSERVATION DIVISION  
2040 South Pacheco Street  
Santa Fe, New Mexico 87505

Form G-102

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number <b>30-045-</b>	Pool Code <b>77200</b>	Pool Name <b>Fulcher Kutz-Pictured Cliffs</b>
Property Code <b>004662</b>	Property (Well) Name <b>Leslie K</b>	
OGRID No. <b>15991</b>	Operator Name <b>Norman L. Gilbreath</b>	
		Well Number <b>1 R</b>
		Elevation <b>5562 GR est</b>

Surface Location

UL or Lot <b>E</b>	Sec. <b>7</b>	Twp. <b>29N</b>	Rge. <b>12W</b>	Lot Idn.	Feet from > <b>1850</b>	North/South <b>North</b>	Feet from > <b>840</b>	East/West <b>West</b>	County <b>San Juan</b>
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Bottom Hole Location If Different From Surface

UL or Lot	Sec.	Twp.	Rge.	Lot Idn.	Feet from >	North/South	Feet from >	East/West	County
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Dedication <b>158.32</b>	Joint? <b>N</b>	Consolidation	Order No.
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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

	1850'				<p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p>Signature <i>A. R. Kendrick</i></p> <p>Printed Name <b>A. R. Kendrick</b></p> <p>Title <b>Agent</b></p> <p>Date <b>5/18/98</b></p> <hr/> <p><b>SURVEYOR CERTIFICATION</b></p> <p>I hereby certify that the well location 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.</p> <p>Date of Survey <b>May 18, 1998</b></p> <p>Signature and Seal of Professional Surveyor <i>Edgar L. Risen</i></p> <p>Certificate Number <b>PLS #5979</b></p>
840'	# 1 R	* Leslie K #1, 1809' FNL 1745' FWL			

**EXHIBIT A**

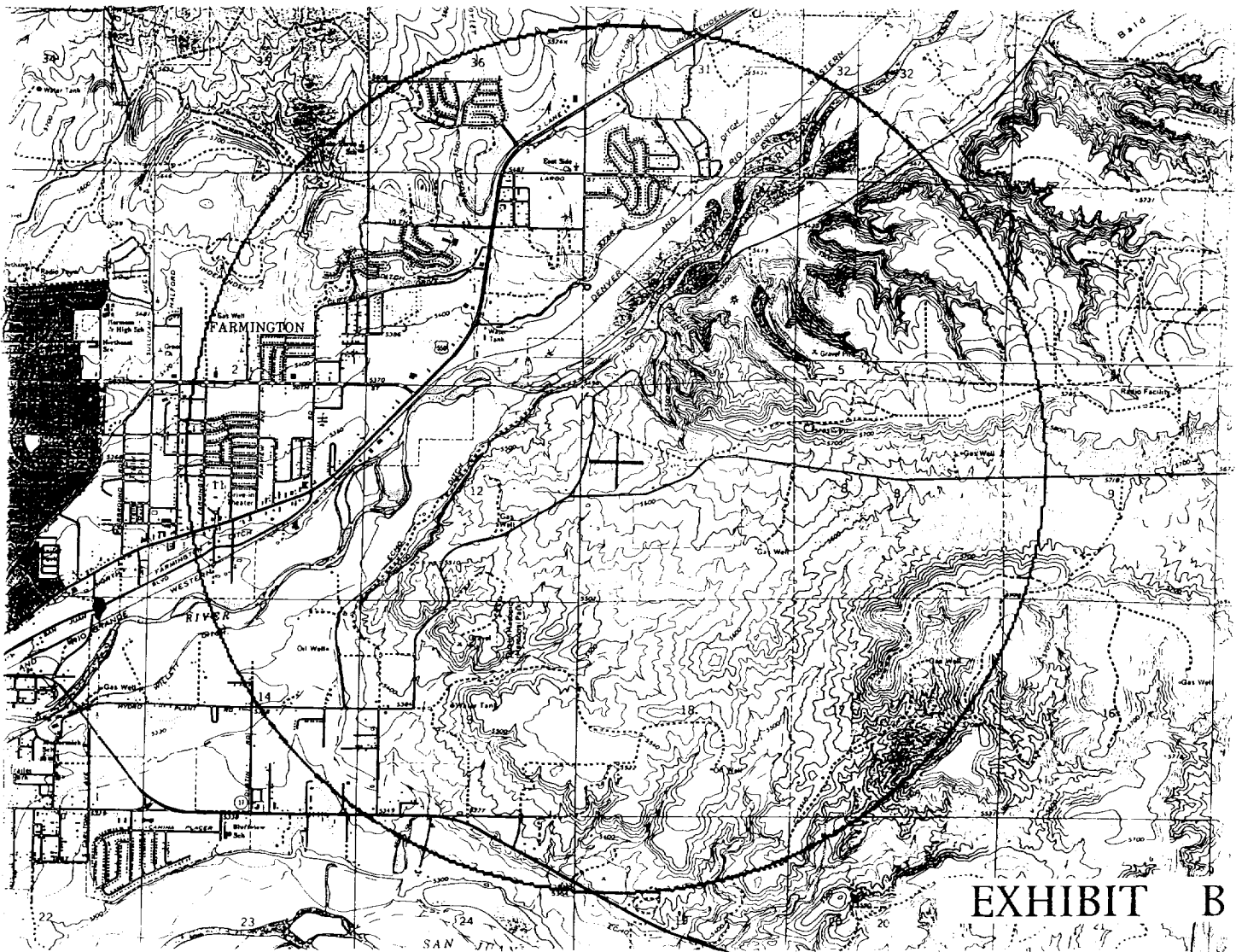


EXHIBIT B

## TEN POINT COMPLIANCE PROGRAM

Norman L. Gilbreath  
Leslie K #1R  
1850' FNL 840' FWL, E-7-T29N-R13W, San Juan County, NM  
Fulcher Kutz-Pictured Cliffs  
Lease No. NM-02989

1. THE GEOLOGICAL SURFACE FORMATION IS: Nacimiento.
2. THE ESTIMATED TOPS OF IMPORTANT GEOLOGICAL MARKERS:

Fruitland	1225'
Pictured Cliffs	1517'
Total Depth	1700'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

<u>SUBSTANCE</u>	<u>FORMATION</u>	<u>ANTICIPATED DEPTH</u>
Gas	Fruitland	1225'
Gas	Pictured Cliffs	1517'

4. THE PROPOSED CASING PROGRAM WILL BE AS FOLLOWS:

<u>DEPTH</u>	<u>HOLE SIZE</u>	<u>O.D.</u>	<u>WEIGHT</u>	<u>GRADE</u>	<u>TYPE</u>	<u>NEW/USED</u>
0-100'	8-3/4"	7 "	17	K-55	ST&C	Used
0-TD	6-1/4"	4-1/2"	9.5	K-55	ST&C	Used

PROPOSED CEMENT PROGRAM: To effectively isolate and seal off all water, oil, gas and coal-bearing strata encountered by the utilization of spacers, centralizers and swirling centralizers at the base of the Ojo Alamo formation as specified by NTL-FRA 90-1 III.B and API standards; and by using cement volumes as follows:

Surface: 75 Sx neat cement - sufficient to circulate to surface.

Production: 200 Sx (236 cu ft) lite cement followed by 50 Sx (59 cu ft) neat cement - sufficient to circulate to surface.

5. OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Exhibit E is a schematic of the blowout preventer used by the contractor for other wells in the area. The BOPs are to be test-operated before drilling out from under the surface casing, and operation checks will be made daily thereafter and recorded in the Daily Drilling Report. Accessories to BOP will include floor safety valve and choke manifold with pressure rating equivalent to the BOP stack.

6. THE TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATING MUDS:

SURFACE CASING: Fresh water.  
PRODUCTION CASING: Low solids non-disbursing system.

<u>INTERVAL</u>	<u>MUD WEIGHT</u>	<u>VISCOSITY</u>	<u>FLUID LOSS</u>	<u>pH</u>	<u>ADDITIVES</u>
0-100'	9.0	45	- - -	9	Gel, Lime
100-TD	8.6 to 9.2	30-50	<15 cc	9	Chemicals as needed

7. AUXILIARY EQUIPMENT TO BE USED IS AS FOLLOWS:

- a. Float valve above bit and a safety valve below the swivel will be used.
- b. Monitoring of mud system will be visual.
- c. A safety valve and subs to fit all drill strings will be used.

8. TESTING, LOGGING, AND CORING WILL BE AS FOLLOWS:

- a. Cores: none.
- b. Drill stem tests: none anticipated.
- c. Logging: Induction-Electric and Gamma Ray

9. ANTICIPATED ABNORMAL PRESSURES AND TEMPERATURES:

No abnormal pressures, temperatures or Hydrogen Sulfide gases are anticipated during the drilling of this well. The maximum bottom hole pressure is expected to be less than 1000 psi.

10. ANTICIPATED STARTING DATE AND DURATION OF OPERATIONS:

The anticipated starting date is set for as soon as practical after the approval of the Application for Permit to Drill is approved. The drilling operations should be completed within 15 days after spud date. A completion unit will be utilized as time and weather permit.

# 13-POINT SURFACE USE PLAN

Norman L. Gilbreath

Leslie K #1R

1850' FNL 840' FWL, E-7-29N-12W, San Juan County, NM

Fulcher Kutz-Pictured Cliffs Gas Pool

Lease No: NM-02989

1. EXISTING ROADS:
  - a. See Exhibit A for well site and elevation plat, New Mexico Form C-102.
  - b. Directions: From Browning Parkway in Farmington, go east on Southside Road (Road 3000) to County Road 3942, east on Road 3942, then south on Road 3944, and west on Road 3945 to location.
  - c. Access roads are shown on Exhibit B
  - d. Roads will be maintained in the same or better condition.
2. PLANNED ACCESS ROAD:
  - a. The access road will be 20 feet wide and 250 feet in length.
  - b. The grade will be on existing roadways or 10% or less.
  - c. No turnouts are planned.
  - d. Any necessary water bars will be installed.
  - e. No culverts will be installed. No major cuts and fills are planned.
  - f. Only native materials will be used.
  - g. No Gates or cattleguards will be installed.
  - h. New access roads and existing roads will be flat bladed and upgraded as deemed necessary by the surface owner.
3. LOCATION OF EXISTING WELLS WITHIN ONE MILE: See EXHIBIT B.
  - a. Water wells: Unknown
  - b. Abandoned wells: None
  - c. Temporarily abandoned wells: None
  - d. Disposal wells: None
  - e. Drilling wells: None
  - f. Producing wells: 26
  - g. Shut-in wells: None
  - h. Injection wells: None
  - i. Monitoring wells: None
4. LOCATION OF PRODUCING FACILITIES:
  - a. There are two production facilities owned or controlled by Operator within one mile.
  - b. New facilities contemplated in the event of production are shown on Exhibit I.
    - 1) A produced-water tank battery may be required.
    - 2) All flow lines from the well site to battery will be buried below frost line depth.
    - 3) Dimensions of the facility will be approximately 100' by 140'.
    - 4) Native materials will be used except for gravel.
    - 5) An earthen dike will be built around any tank battery. All production facilities will be fenced to keep animals out.

- 6) The reserve pit will be fenced, lined, top-screened and allowed to dry. Rehabilitation whether the well is productive or dry will be made on all unused areas in accordance with BLM and/or Surface owner's stipulations.
5. LOCATION AND TYPE OF WATER SUPPLY:
  - a. Water will be hauled from the nearest water source, possibly produced water.
  - b. Water will be trucked to the location.
  - c. No water well is anticipated.
6. SOURCE OF CONSTRUCTION MATERIAL:
  - a. Only native soils will be utilized.
  - b. No construction materials will be removed from Federal or Indian lands.
  - c. Surface and subsoil materials in the immediate area will be utilized. Any gravel will be purchased from a commercial source.
7. METHOD FOR HANDLING WASTE DISPOSAL:
  - a. Drill cuttings are to be contained and buried in the reserve pit.
  - b. Drilling fluids are to be contained in the reserve pit. (Lined)
  - c. The produced fluids will be stored in a production tank. Flammable waste is to be contained in the trash bin. Any spills of oil, gas, water or other production fluids will be cleaned up and removed.
  - d. Chemical facilities will be provided for human waste.
  - e. Garbage and non-flammable waste are to be contained in the trash bin and hauled away. Flammable waste is to be contained in the trash bin. The reserve pit will be fenced on three sides during drilling operations and the forth side fenced and top-screened when the rig is moved.
  - f. All trash, garbage, etc. is to be contained and hauled away at the end of drilling operations. Reserve and mud pits will be allowed to dry after drilling and completion operations are completed and then adequately filled and leveled. All garbage and sewage pits will be filled as soon as the completion rig leaves the location.
8. ANCILLARY FACILITIES: none required.
9. WELL SITE LAYOUT:
  - a. Location profile plat is Exhibit F.
  - b. Drilling rig layout shown as Exhibit G.
  - c. Completion rig layout show as Exhibit H.
10. SURFACE RESTORATION PLAN:
  - a. Restoration of the well site and access road will begin as soon as all pits have dried. Waste disposal and spoil materials will be buried or hauled away immediately after drilling is completed. If production is obtained, the unused area will be restored as soon as feasible.
  - b. Should the well be abandoned, the drilling site will be reshaped as closely to the original contour as possible. The access road will be plowed and shaped. Both road and location will have topsoil replaced and reseeded when germination can occur. The portion of the location needed for daily operations and access road will be kept in good repair and clean.
  - c. In either case, cleanup of the well site will include removal of all waste, fencing of all pits, removal of all oil accumulated on pits, and filling of pits.



11. OTHER INFORMATION

The archaeological report, to be submitted by a contract archaeologist, shows the topography, flora, fauna, soil characteristics, dwellings, historical and cultural sites.

12. SURFACE OWNERSHIP

The surface is owned by Geoff McMahon, 60 Road 3950, Farmington, New Mexico 87401; telephone (505) 325-2435.

13. OPERATOR REPRESENTATIVES:

(Paperwork)

A. R. Kendrick

Consultant

Box 516

Aztec, NM 87410

(505) 334-2555

(Office)

NORMAN L. GILBREATH

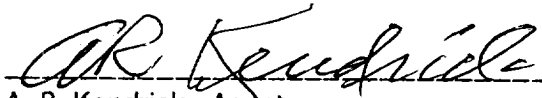
Box 208

Aztec, New Mexico 87410

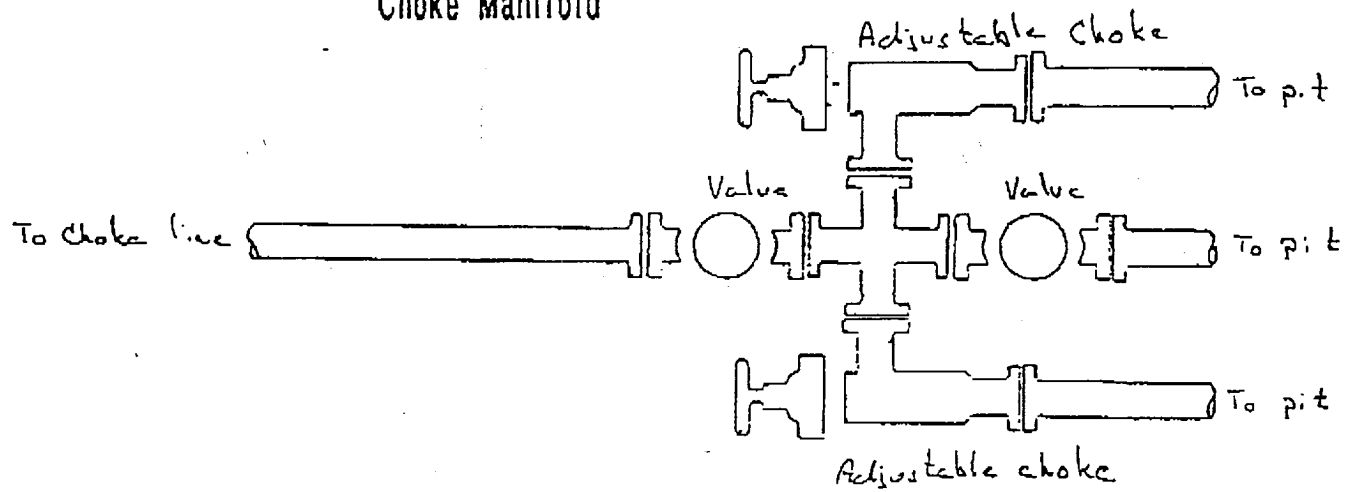
(505) 632-8845

13. CERTIFICATION:

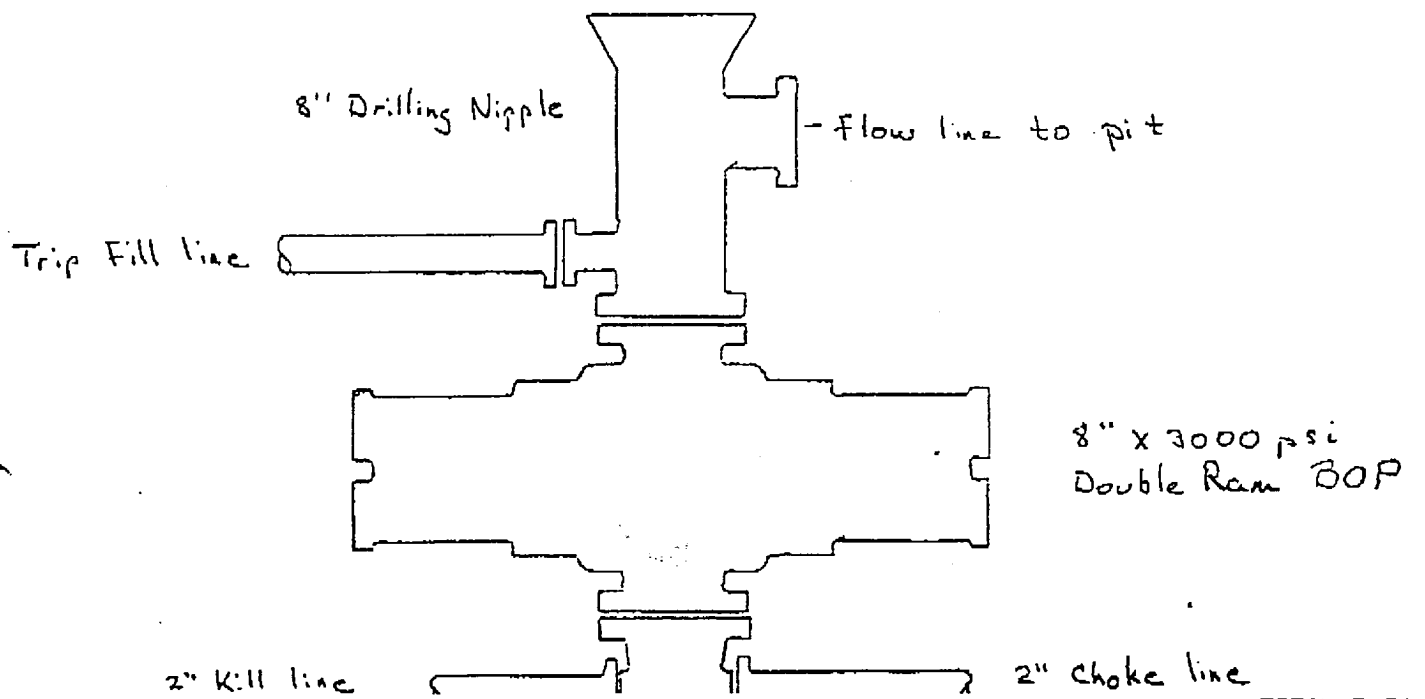
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by the operator, his contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

  
A. R. Kendrick, Agent

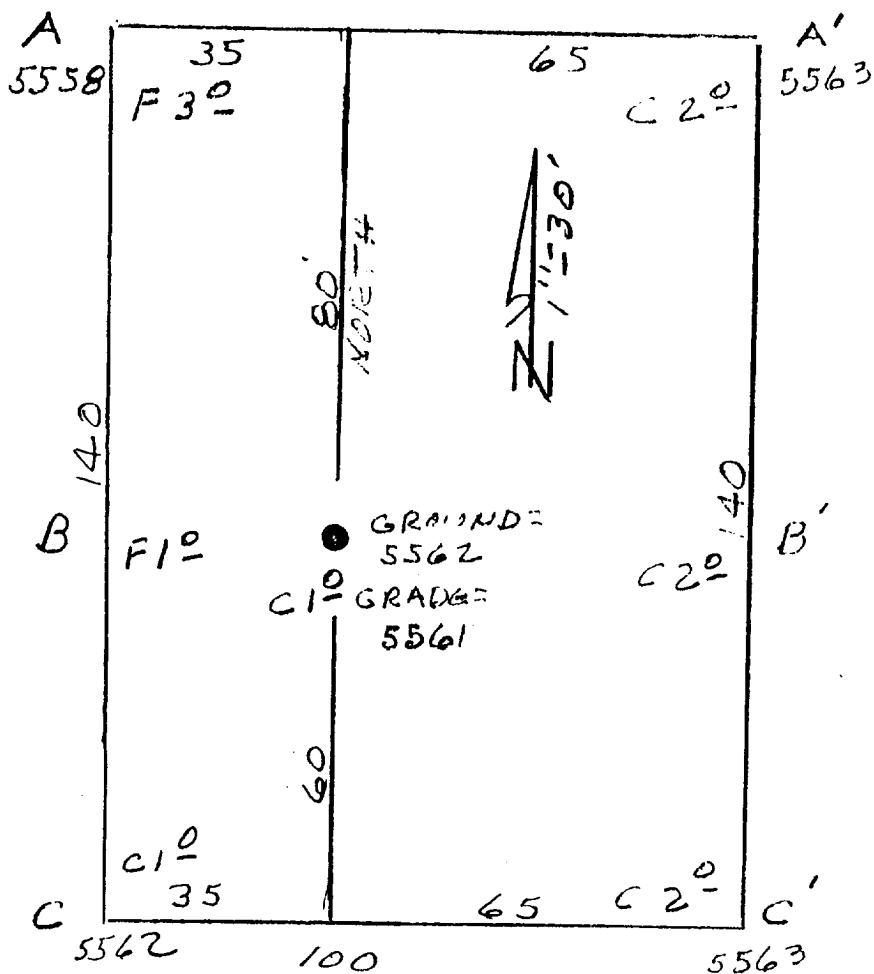
### Choke Manifold



### BOP Stack



TOTAL P.01



Norman L. Gilbreath

OPERATOR

Leslie K #1R

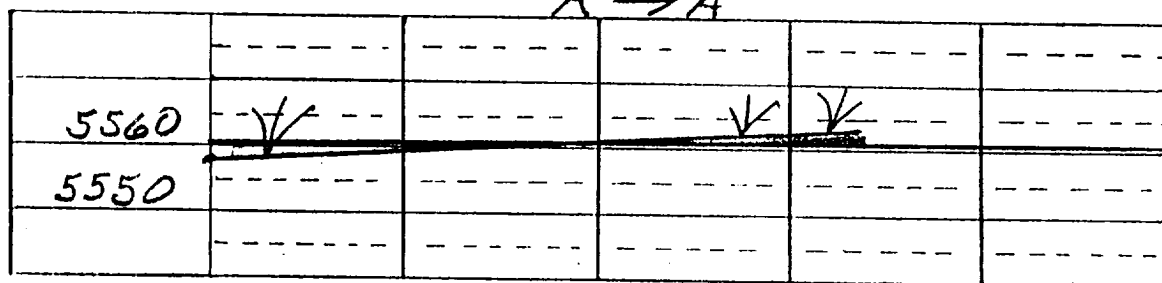
WELL NAME and NUMBER

1850' F/NL 840' F/WL  
FOOTAGES

7 29N 12W  
SEC. TWP. RGE.

San Juan, New Mexico  
COUNTY STATE

May 8, 1998  
DATE



SCALE

Horiz. 1" = 30'

Vert. 1" = 30'

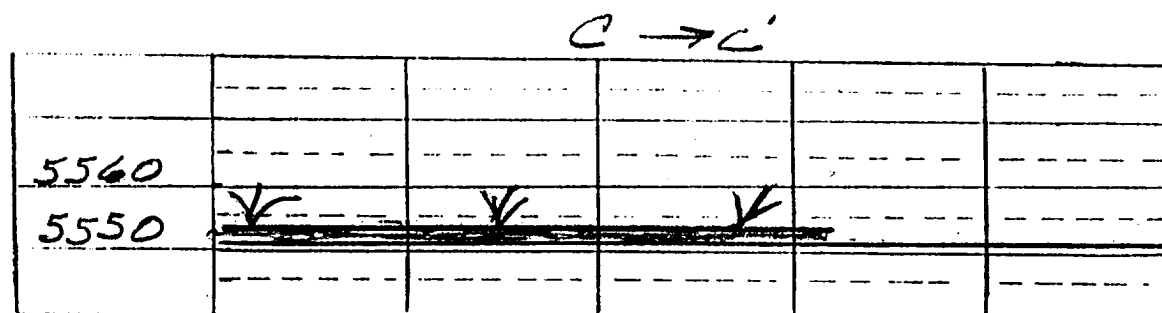
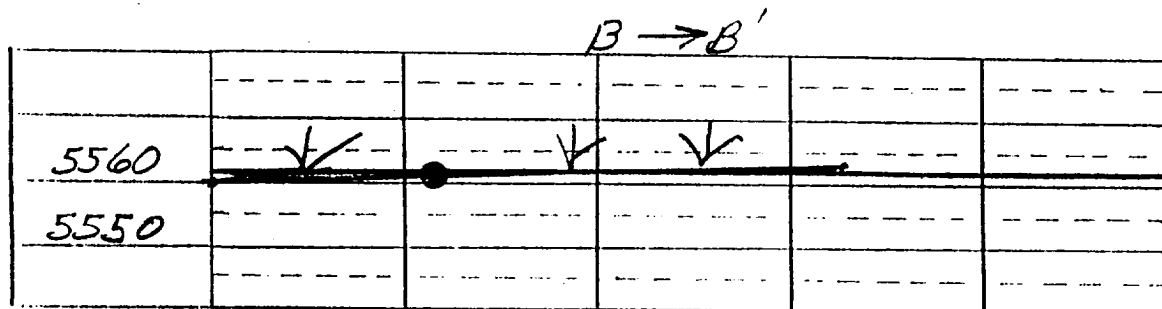


EXHIBIT F

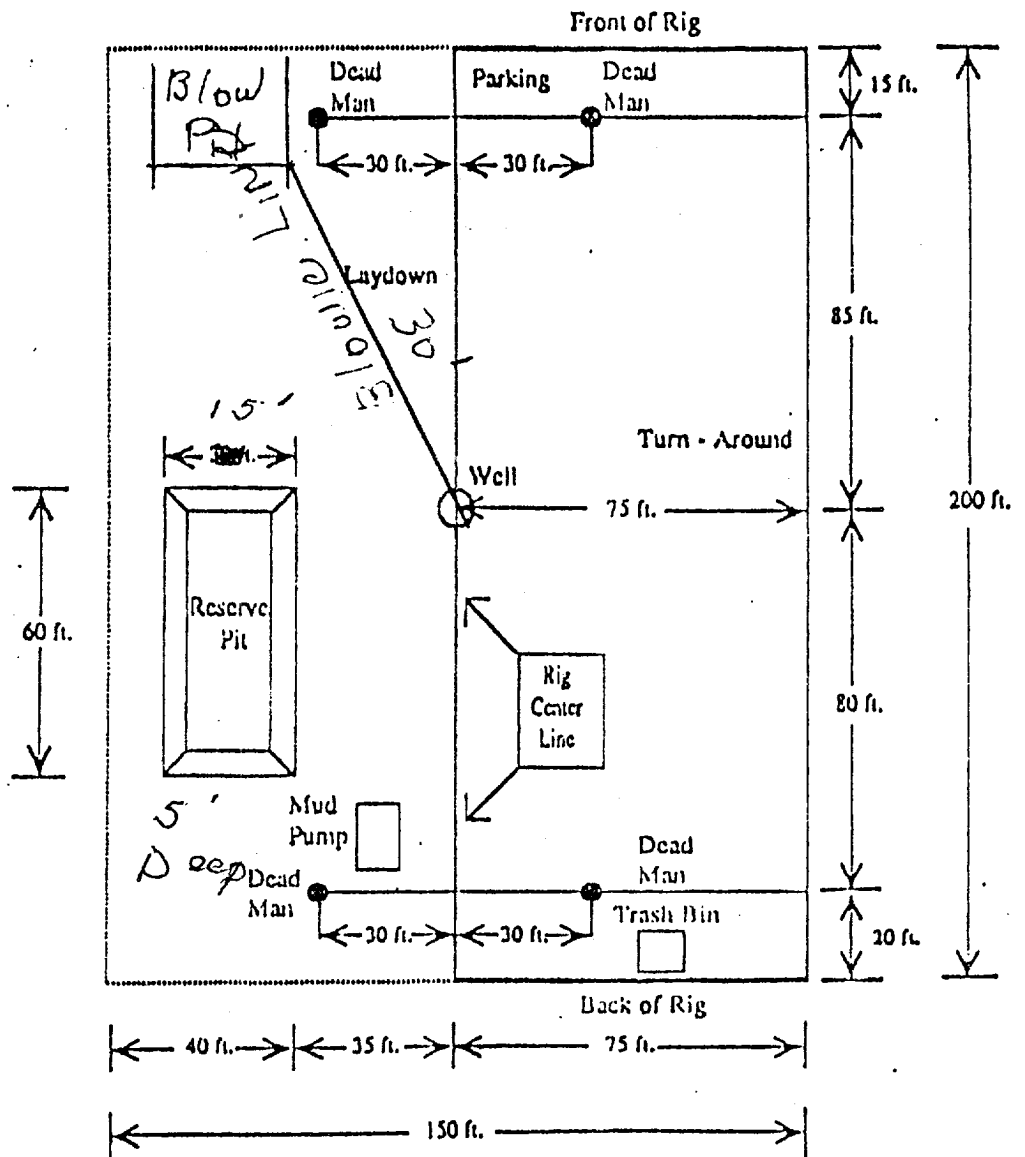
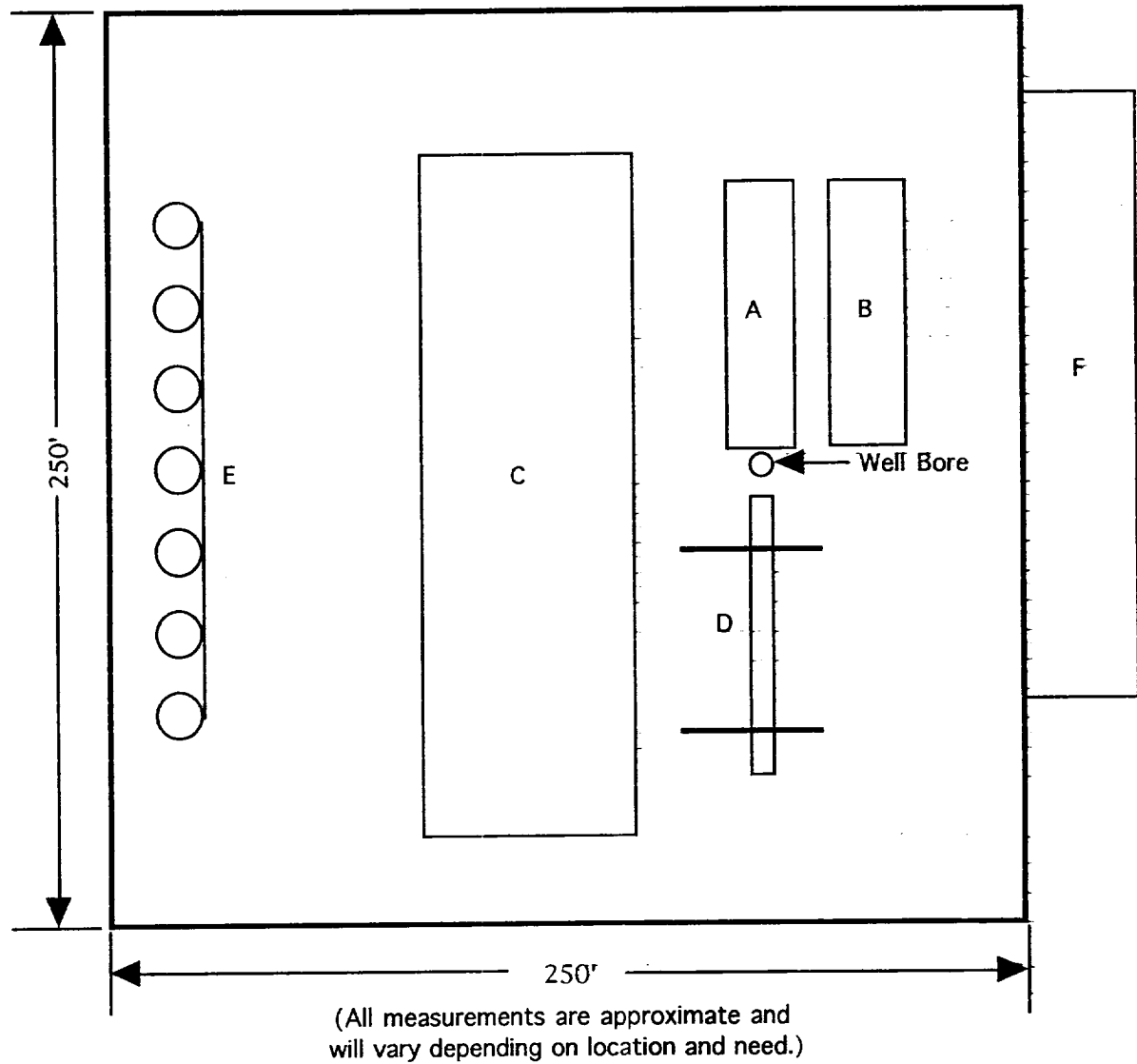


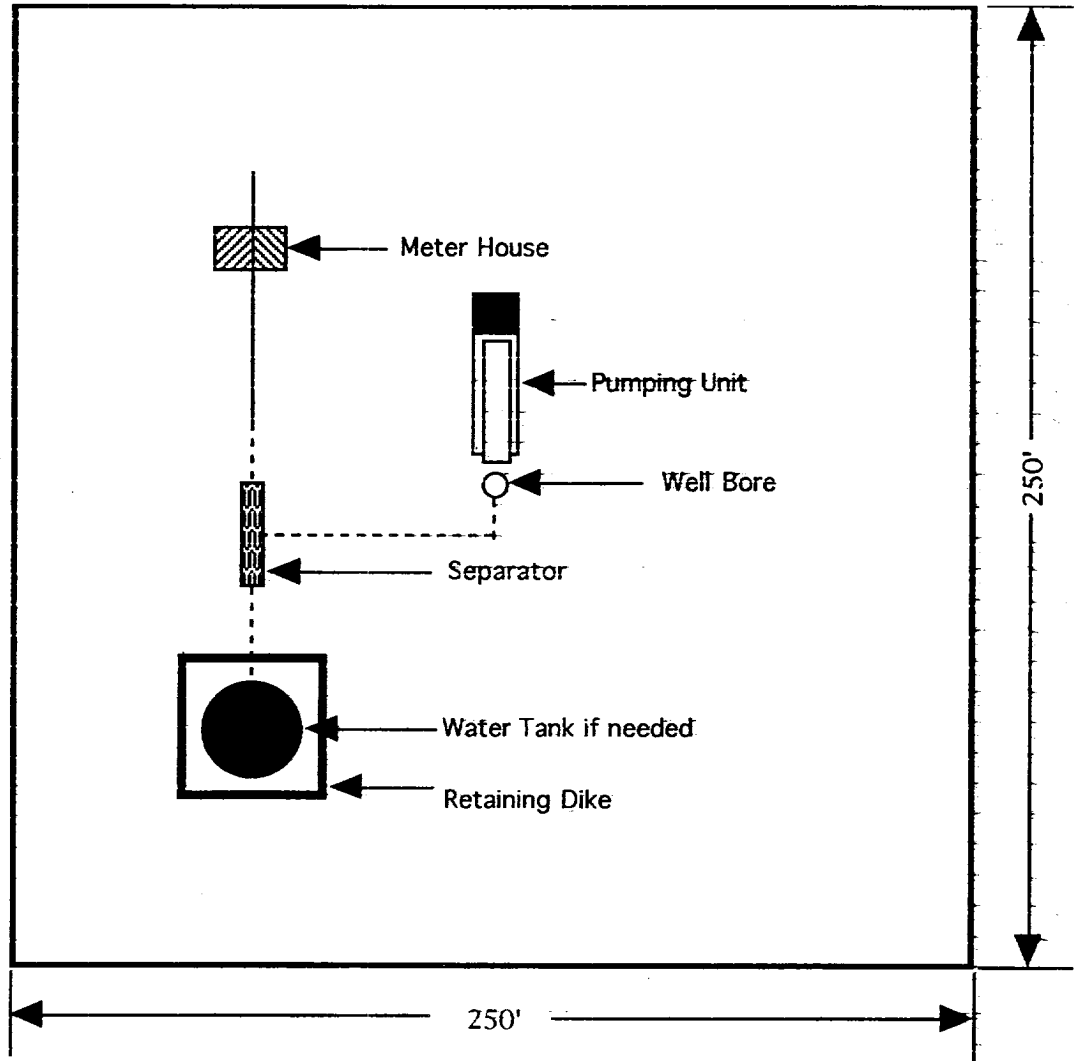
EXHIBIT G

# COMPLETION UNIT LAYOUT



- A = Completion Unit
- B = Circulating Pit
- C = Equipment Area
- D = Pipe Racks
- E = Frac Tanks
- F = Reserve Pit

# PRODUCING LOCATION PLAT



(All measurements are approximate and will vary depending on location and need.)

# WELLS WITHIN ONE MILE

