

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

## b. TYPE OF WELL

OIL  
WELL ☐GAS  
WELL ☒

OTHER

SINGLE  
ZONE ☒MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

J. Gregory Merrion and Robert L. Bayless

## 3. ADDRESS OF OPERATOR

P.O. Box 1541, Farmington, NM 87401

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

At surface

1850 FNL and 790 FEL

At proposed prod. zone  
same

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

Approx. 15 miles south of Farmington, NM

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drig. unit line, if any)

790'

## 16. NO. OF ACRES IN LEASE

160

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

0

## 19. PROPOSED DEPTH

1400'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

160

## 20. ROTARY OR CABLE TOOLS

Rotary

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5952' GL

## 22. APPROX. DATE WORK WILL START\*

Upon Receipt of Approval

## 23. PROPOSED CASING AND CEMENTING PROGRAM

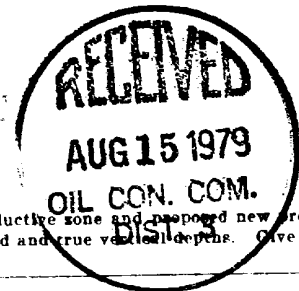
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
9"	7"	20 lb./ft.	35'	10 sacks circ.
6-1/4"	4-1/2"	9.5 lb./ft.	1335 ft.	150 sacks

Will drill 9" hole to 35 ft. and set 35 ft. of 7", 20 lb./ft. casing with 10 sacks cement. Will drill 6-1/4" hole to 1335 ft. and will run 1335 ft. of 4-1/2", 9.5 lb./ft. J-55 casing and cement with 150 sacks. Circulating medium will be clear water and natural mud with water loss control additives. Will drill out with air to test Fruitland coal zone to 1400 ft. Minimum specifications for pressure control equipment which is to be used: ~~none required~~. The gas from this formation is not dedicated.

BOP required

## ESTIMATED TOPS

FORMATION	DEPTH	CONTENT
Ojo Alamo	310'	
Kirtland	420'	
Fruitland	1120'	Gas



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, 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

(This space for Federal or State office use)

Co-Owner

DATE July 31, 1979

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

ok Frank

mmoc

\*See Instructions On Reverse Side

## OIL CONSERVATION DIVISION

P. O. BOX 2088

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

SANTA FE, NEW MEXICO 87501

Form C-107  
Revised 10-1-78

All distances must be from the outer boundaries of the Section.

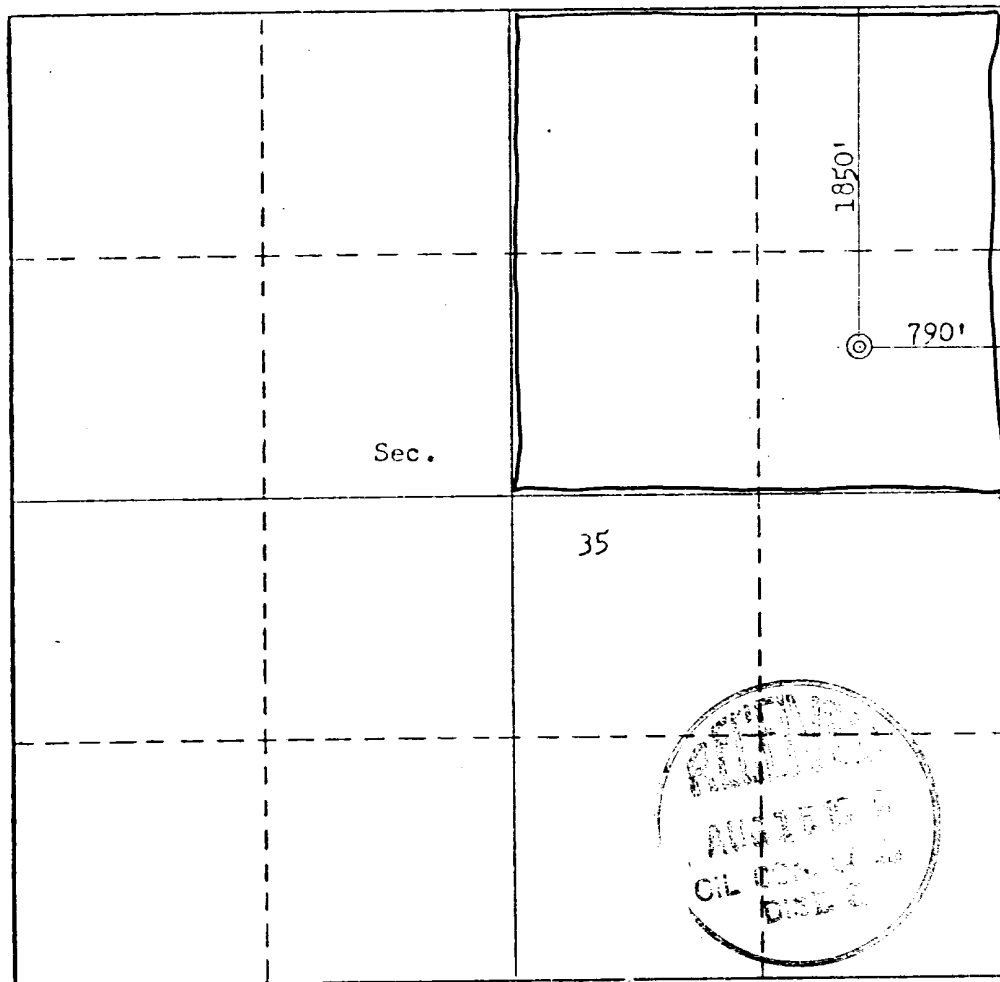
Operator <b>MERRION &amp; BAYLESS</b>		Lease <b>DA-ON-PAH</b>		Well No. <b>1</b>	
Unit Letter <b>H</b>	Section <b>35</b>	Township <b>27N</b>	Range <b>12W</b>	County <b>San Juan</b>	
Actual Footage Location of Well:					
<b>1850</b> feet from the North		line and <b>790</b>		feet from the East line	
Ground Level Elev. <b>5952</b>	Producing Formation <b>Pictured Cliffs</b>	Pool <b>S. Gallegos</b> <del>NAW Fruitland</del> /Pictured Cliffs		Dedicated Acreage: <b>160</b> Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



## CERTIFICATION

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

Name  
**Robert L. Bayless**

Position  
**Co-Owner**

Company  
**Merrion & Bayless**

Date  
**July 25, 1979**

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 knowledge and belief.

Date Surveyed  
**June 5, 1979**  
Registered Professional Engineer  
and/or Land Surveyor

**Fred B. Kerr, Jr.**  
Certification No.  
**3950**  
**B. KERR, JR.**


SURFACE USE AND OPERATIONS PLAN

MERRION & BAYLESS  
Da On Pah #1  
Section 35, T27N, R12W

- & 2. A topographical map is attached showing location of drillsite and access roads to location; new roads are color coded on the location map. The terrain is relatively flat and no improvements are planned on existing roads. A drive in truck mounted drilling rig will be used and will be driven in to the location with our road work. Our planned access road will be twelve feet in width, and will follow the existing terrain. No turnouts, culverts or cuts and fills are anticipated on the proposed access. In addition, natural drainage and surfacing material will be used.
3. Wells within one mile radius are shown on the topographical map.
4. A. Existing facilities owned or controlled by the operator and shown on the attached map are as follows: none  
B. No new facilities are contemplated.  
C. Disturbed areas will be reseeded per BLM specifications.
5. A. Water will be hauled from the San Juan River.  
B. Truck will haul water on proposed access route shown.
6. No construction materials will be used.
7. Methods of disposal of waste material:
  - A. Cuttings will be buried in drilling pit.
  - B. Drilling fluids will be buried in drilling pit.
  - C. No produced fluids are anticipated.
  - D. Sewage will be buried.
  - E. Garbage and other waste material will be buried.
  - F. Operator will clean up, fill, and level pits and reseed location per BLM specifications.
8. No ancillary facilities.
9. Wellsite layout attached.
10. Restoration of drillsite -- pits will be filled and leveled and reseeded per BLM specifications immediately after completion.
11. Other information: The lease is on Navajo Irrigation Project surface land. The drillsite is fairly level, arid land with very little vegetation. There is no other surface use or facilities existent. An archeological survey statement is attached.
12. Operator representative: Robert L. Bayless  
P.O. Box 1541  
Farmington, NM 87401  
(505) 325-5093
13. Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently 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 Merrion and Bayless and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

DATE 7-25-79

  
Robert L. Bayless  
Co-Owner  
MERRION & BAYLESS



United States Department of the Interior  
NATIONAL PARK SERVICE  
SOUTHWEST REGION  
P.O. Box 728  
Santa Fe, New Mexico 87501

IN REPLY REFER TO:  
H24(SWR)PF

JUN 27 1979

Merrion and Bayless  
P.O. Box 507  
Farmington, New Mexico 87401

RE: Archeological Clearance for Five (5) Proposed Drill Hole Locations  
in San Juan County, New Mexico File 92

Gentlemen:

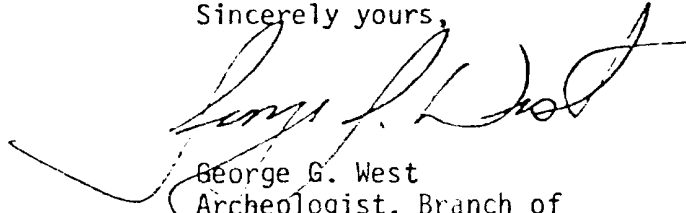
My staff has reviewed the enclosed lease descriptions for five (5) proposed well locations in Block IV of the NIIP. The Block IV project area was surveyed for cultural resources in the spring of 1978 by the Navajo Nation Cultural Resource Management Program. According to the final archeological survey report, there is no surficial evidence of either prehistoric or historic remains within the proposed well locations. Each well will be 100' x 100' in extent; well locations and access rights-of-way are indicated below and in the enclosed correspondence.

<u>Well</u>	<u>Locations</u>	<u>Project Dimensions</u>
Inez #1	790' FNL, 1850' FEL, Sec. 33, T26N, R12W	Well - 100' x 100' Access - 30' x 600'
Ruby #1	790' FNL, 1850' FWL, Sec. 34, T26N, R12W	Well - 100' x 100' Access - 30' x 2500'
Pete #1	790' FSL, 790' FEL, Sec. 35, T27N, R12W	Well - 100' x 100' Access - 30' x 500'
Da On Pah #1	1850' FNL, 790' FEL, Sec. 35, T27N, R12W	Well - 100' x 100' Access - 30' x 800'
Blackrock D - IE	935' FSL, 1830' FWL, Sec. 20, T26N, R11W	Well - 100' x 100' Access - 30' x 2600'

Archeological clearance is granted for the above specified well locations. If, however, any previously unrecorded and/or buried antiquities are encountered during drilling operations, then all earth-modifying activities in the vicinity of the cultural resources must cease. This office should be notified and an on-site inspection will be conducted to determine the significance and disposition of the buried antiquities.

If you have any additional questions concerning this clearance, you may contact Mr. Steve Hallisy, Archeologist with this office at (505) 988-6561.

Sincerely yours,

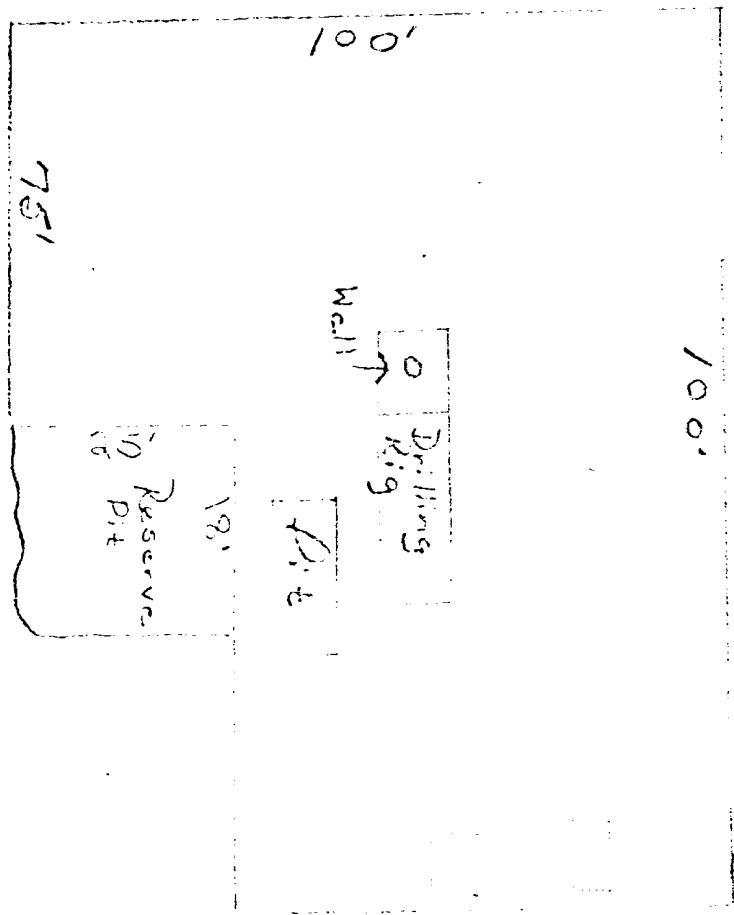
A handwritten signature in dark ink, appearing to read "George G. West", written over a circular stamp or seal.

George G. West  
Archeologist, Branch of  
Indian Cultural Resources

Enclosures

CC:  
Mr. Richard Goddard, NNCRRMP,  
Window Rock, AZ  
BIA, Navajo Area Office,  
Window Rock, AZ(2)  
Messrs. Bill Reynolds & Alan Simmons,  
ESCA-Tech, Farmington, NM  
Mr. Bill Smith, BIA, NIIP,  
Farmington, NM  
Mr. Tom Merlan, SHPO,  
Santa Fe, NM

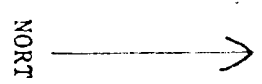
MERRION & BAYLESS  
Da-On-Pah #1  
1850 FNL & 790 FEL  
Section 35, T27N, R12W  
San Juan County, New Mexico

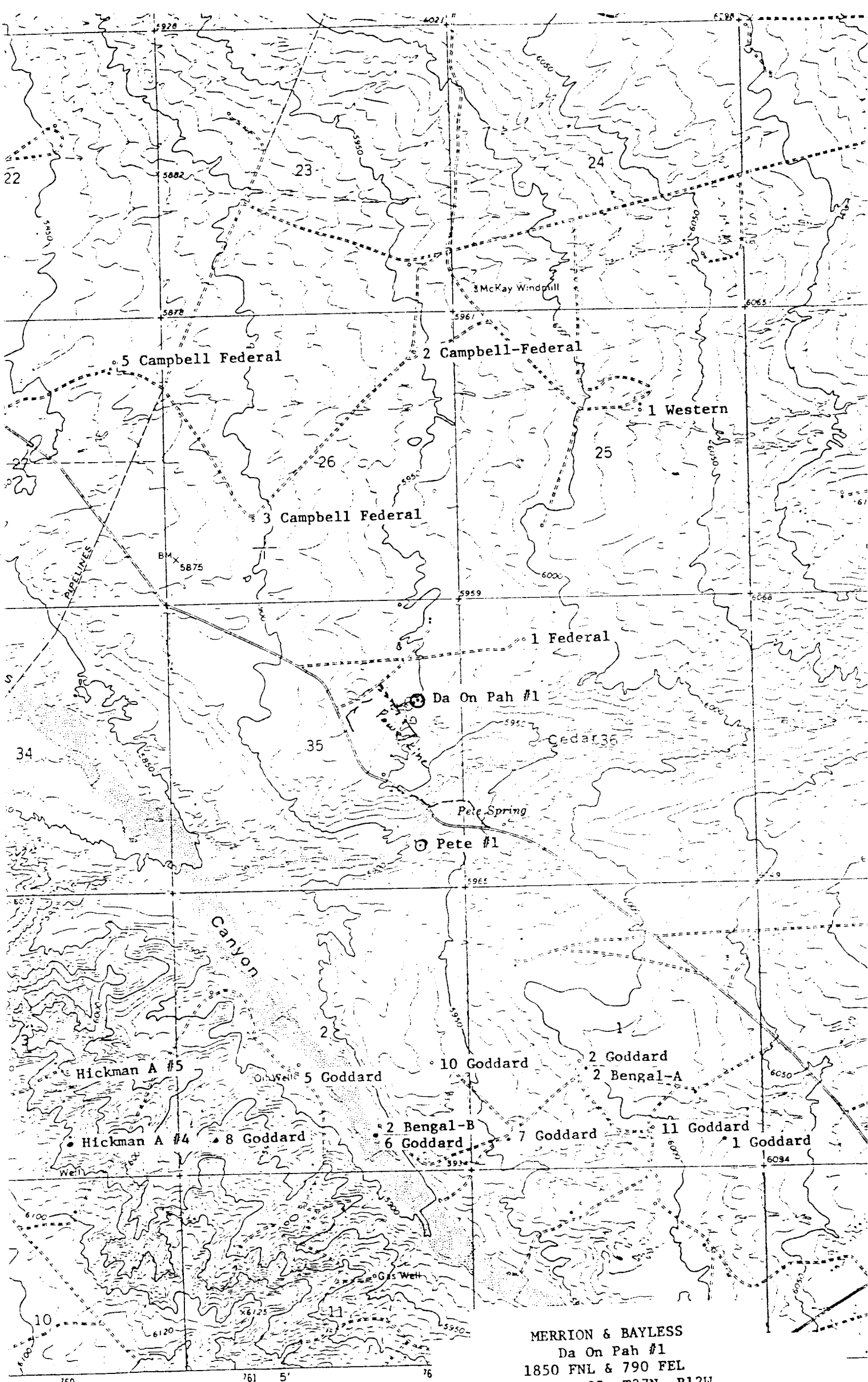


Leadrine  
2' x 4' x 4' deep

Burn Pit  
8' x 12' x 4' deep

NO LOCATION LEVELING  
WORK DONE - DRIVE-IN  
TRUCK RIG USED.





MERRION & BAYLESS  
Da On Pah #1  
1850 FNL & 790 FEL  
Section 35, T27N, R12W  
San Juan County, New Mexico