

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.

NM-4953

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation
Papers Wash Unit

8. Well Name and No.

PWU #1

9. API Well No.

30-031-20499

10. Field and Pool, or Exploratory Area

Papers Wash Entrada

11. County or Parish, State

McKinley County,
New Mexico

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT-" for such proposals

SUBMIT IN TRIPLICATE 070 FARMINGTON, NM

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Merrion Oil & Gas Corporation

3. Address and Telephone No.

P. O. Box 840 Farmington NM 87499
ph: (505) 327-9801

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1,980'fml & 990'fml (sw nw)
Sec 15, T19N, R5W, NMPM

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

TYPE OF SUBMISSION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other Horizontal Redrill

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log Form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Merrion proposes to plug back the Entrada by spotting 17 sx cement from 4,800' to liner top @ 4,568'KB. Will perf and remedially cement 7" casing across KOP from 4,400' to 4,550'KB w/ 50 sx 'G' cement. Will mill up to 60 feet of 7" casing or cut window and set a whipstock at Kick-off Point in Morrison formation (KOP Depth =4,500± KB). If mill section, will spot kick-off cement plug and dress off. Will mobilize directional equipment. Will run in hole with mud motor and 6 1/8" bit. Will orient and kick off in a generally southeasterly direction (± S 30° E). Will build angle and intersect Entrada top at or near horizontal. Will continue to build angle to ~ 90°. May run 4 1/2" 11.6# N80 LT&C liner through build section and cement in place with adequate cement to circulate to liner top inside of 7" casing. Will set liner top a minimum of 50 feet into 7" casing. If a liner is set will drill ahead with a 3-7/8" bit if not, a 6-1/8" bit will continue to be used. Will drill a horizontal lateral up to 1600 feet in length in a southeasterly direction. Following drilling, no open hole logs are planned. The drilling mud will be displaced with water or other suitable completion fluid and the Entrada formation will be tested for sizing of a submersible pump.

Well control equipment for 2M service will be installed during all phases of drilling (Schematic attached).

Administrative approval is pending from NMOCD for this project and will be submitted when received.

Wellbore profile as currently planned is attached but may change as drilling conditions dictate. Merrion will remain within setback requirements set by NMOCD.

Merrion requests immediate approval to plug back the wellbore and prepare for open hole drilling; no open hole drilling operations will be conducted until NMOCD approval and final BLM approval has been received.

COPIES: BLM+4, LAND+1, ACTG+1, WELL FILE+1

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

Signed

Steven S. Dunn

Title Operations Manager

Date Friday August 18, 1995

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date

APPROVED

AUG 28 1995

DISTRICT MANAGER

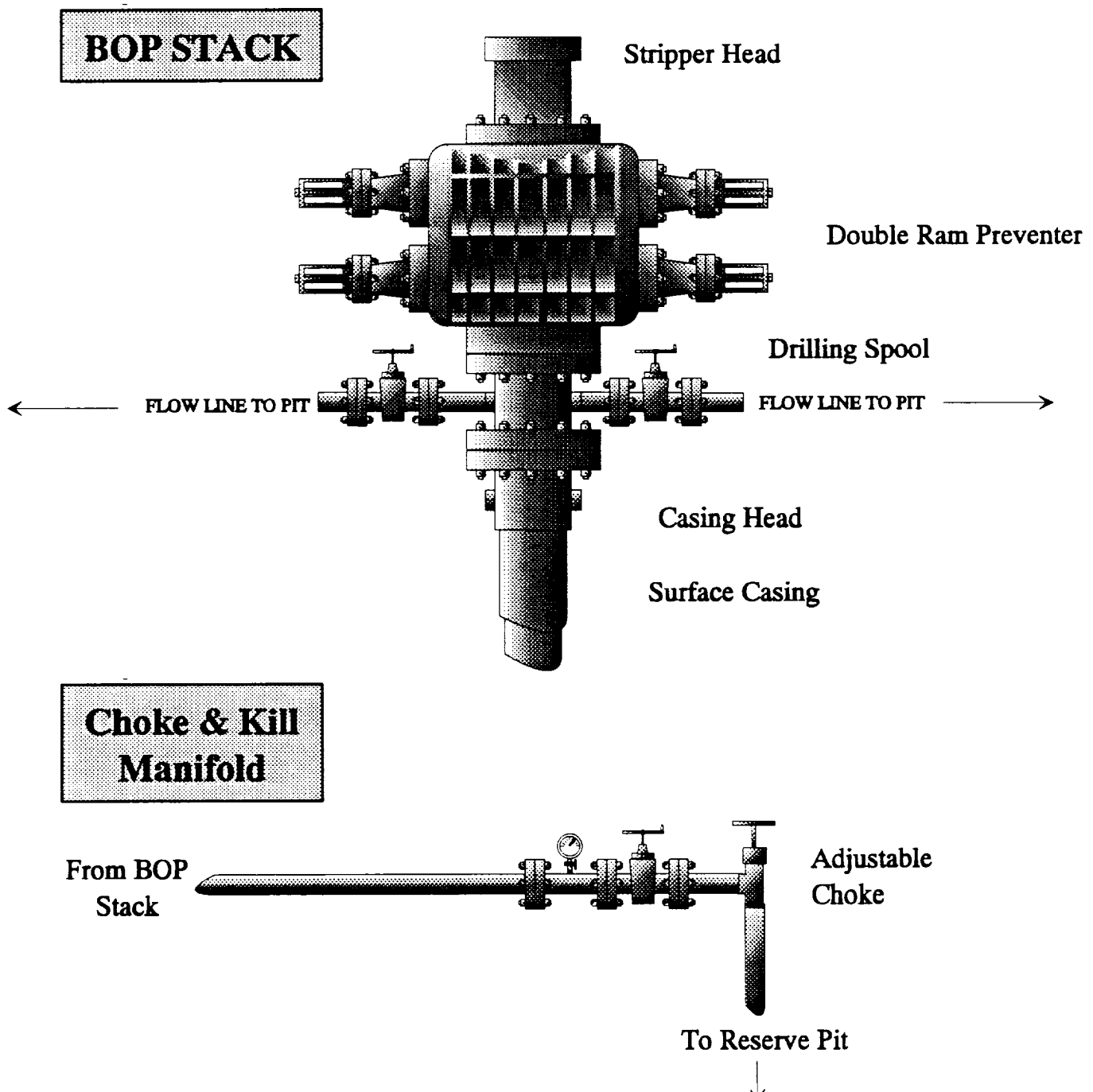
Merrion Oil & Gas Corporation
Well Control Equipment Schematic for 2M Service

Attachment to Sundry Notice of Intent

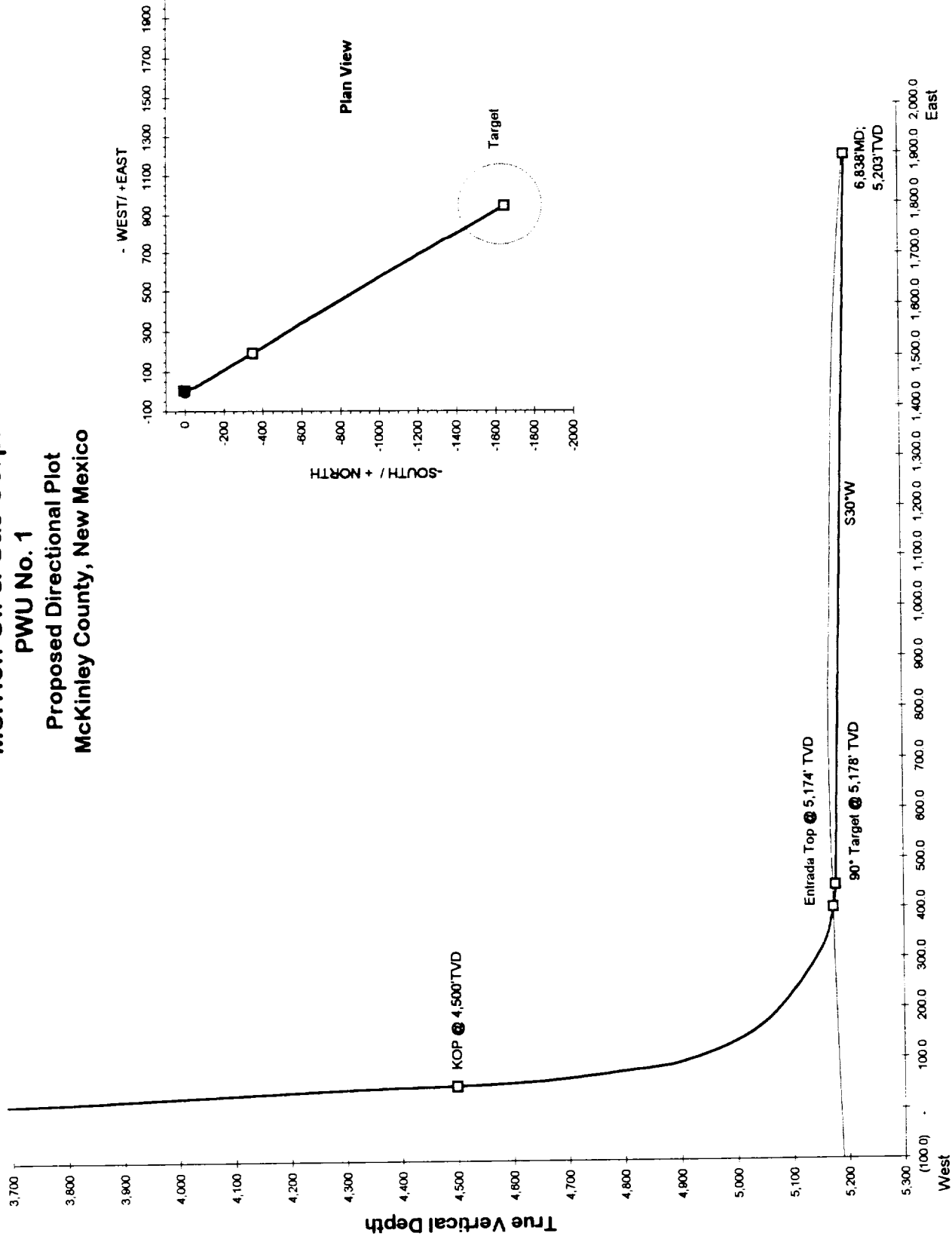
PWU No. 1 Horizontal Entrada Well

Location: 1,980'fml & 990'fwi (sw nw)
Sec 15, T19N, R5W, NMPM
McKinley County, New Mexico

Date: August 18, 1995
By: Steven S. Dunn



Merrion Oil & Gas Corp.
PWU No. 1
Proposed Directional Plot
McKinley County, New Mexico



Note: All in feet

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Farmington District Office
1235 La Plata Highway
Farmington, New Mexico 87401

Attachment to Notice of
Intention to Redrill Horizontally

Re: Horizontal Redrill
Well: 1 PWU

CONDITIONS OF APPROVAL

1. **Mike Flaniken** with the Farmington Office is to be notified at least 24 hours before the workover operations commence (505) 599-8907.
2. The following modifications to your horizontal redrill program are to be made (when applicable):
 1. Place a cement plug from 5428' to 5328' inside the casing plus 50 linear feet excess. (top of Entrada at 5378' -- measured depth)
 2. If a 4 1/2" liner is ran, the liner top overlap must be a minimum of 100 feet.