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LAND OFFICE	
OPERATION	

5A. Indicate Type of Lease
STATE ☒ FEDERAL ☐

5. State Oil & Gas Lease No.
LG 7435

7. Unit Agreement Name

8. Form or Lease Name
Arena Blanca

9. Well No.
2

10. Field and Pool, or Wildcat
WC Entrada

12. County
McKinley

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 ☐

2. Name of Operator
Merrion Oil & Gas Corporation

3. Address of Operator
P. O. Box 840, Farmington, New Mexico 87499

4. Location of Well
UNIT LETTER H LOCATED 2310 FEET FROM THE North LINE
AND 1250 FEET FROM THE East LINE OF SEC. 36 TWP. 20N RGE. 5W NMPM
1200

19. Proposed Depth
5614'

19A. Formation
Entrada

20. Rotary or C.P.

21. Cementing (Show Cement, RI, etc.)
6658' GL 652' 2'

21A. Kind & Status Plug, Bond
Nationwide

21B. Drilling Contractor

22. Approx. Date Work will start
Summer/1985

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
13-1/2"	9-5/8", J-55	32 #/ft.	200	175	Surface
8-3/4"	7", J-55	23 #/ft.	5614	As below	

Will drill 13-1/2" surface hole to 200 ft. and set 200 ft. of 9-5/8", 32 #/ft. J-55 grade casing with 175 sx Class B cement with 3% CaCl₂. Will drill 8-3/4" hole to 5614 ft. Will run open hole logs. One drill stem test is planned at 5510' to test the Entrada Formation. If well appears productive, will run 5614 ft. of 7", 23 #/ft. J-55 grade casing and stage cement. First stage will cement with 700 sx Class H, 50-50 poz with 4% gel. (1.32 cu. ft/sk. yield) 924 cu. ft. cement to cover from TD to above top of Gallup at 3300'. Will set stage tool @ 2500' est. and cement with 300 sx Class H, 50-50 poz, 4% gel (396 cu. ft.) to cover Mesaverde. Top of cement will be at 1000' estimated. Drilling circulating medium will be low solids, non-dispersed, low water loss mud using bentonite, starch, CMC and fresh water. Minimum specifications for pressure control is 10" 900 series double ram blow out preventer. Will perforate and stimulate as required for completion.

APPROVAL EXPIRES 6-27-85
UNLESS DRILLING IS COMMENCED.
SPUD NOTICE MUST BE SUBMITTED
WITHIN 10 DAYS.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM. IF PROPOSED TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTION ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed [Signature] Title Operations Manager Date 8/15/85
(This space for State Use)

APPROVED BY ORIGINAL SIGNED BY STATE OFFICIAL TITLE GEOLOGIST DISTRICT #3 DATE DEC 27 1985
CONDITIONS OF APPROVAL, IF ANY:

Spud US L 2192

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

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

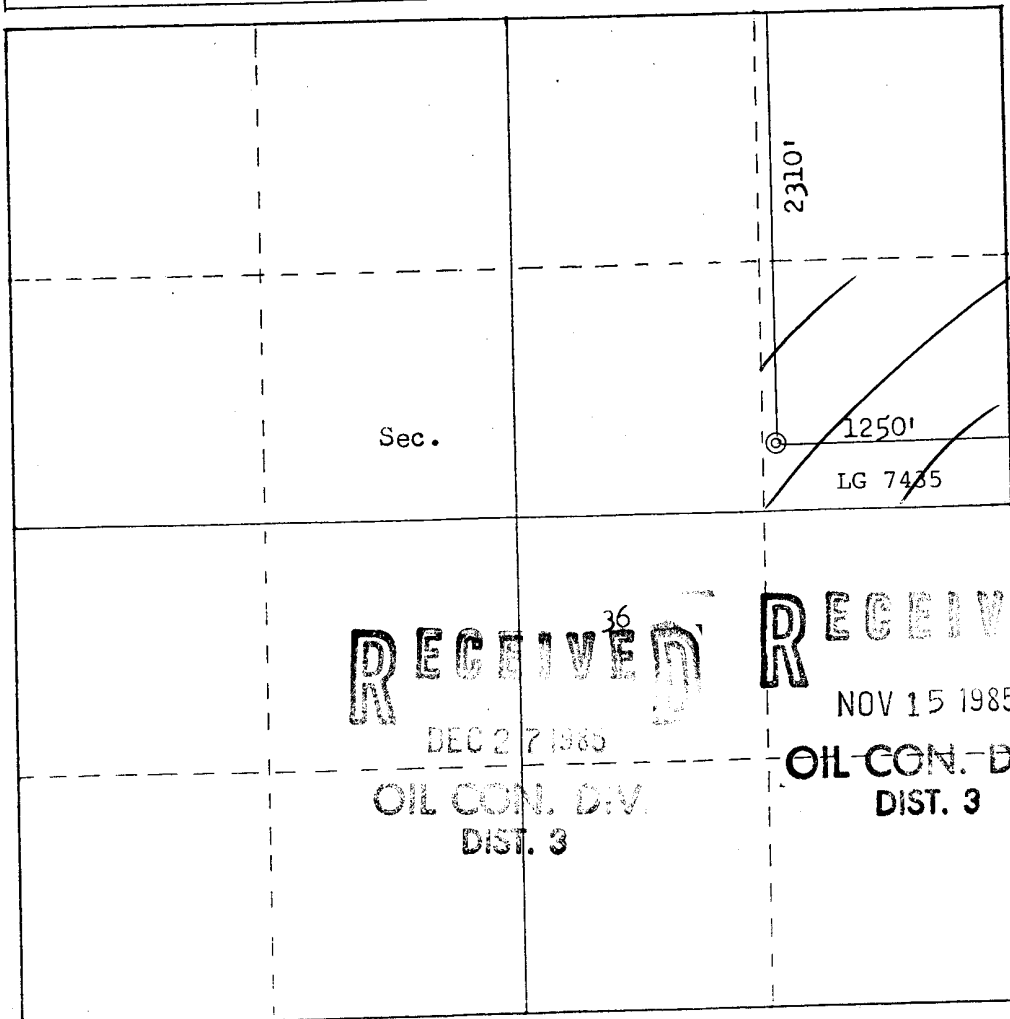
Operator MERRION OIL & GAS CORPORATION			Lease ARENA BLANCA		Well No. 2
Unit Letter H	Section 36	Township 20N	Range 5W	County McKinley	
Actual Footage Location of Well: 2310 feet from the North line and 1250 feet from the East line					
Ground Level Elev. 6652	Producing Formation Entrada	Pool WC Entrada		Dedicated Acreage: 40 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. 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.



Scale: 1"=1000'

CERTIFICATION

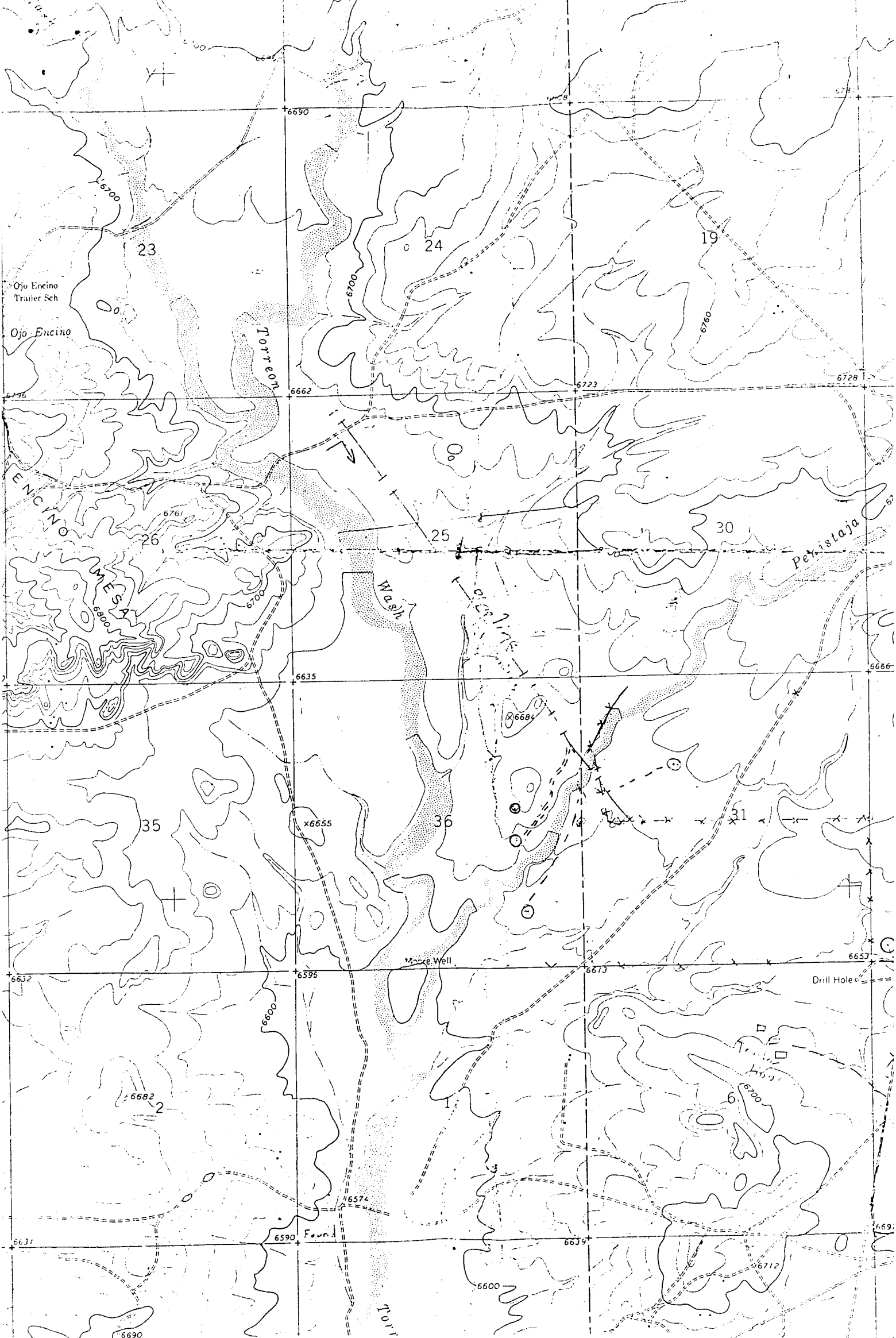
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name
Steve S. Dunn
Position
Operations Manager
Company
Merrion Oil & Gas Corporation
Date
11/14/85

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
August 8, 1985
Registered Professional Engineer and Land Surveyor
Fred B. Kerr Jr.
Certificate No.
3350





Vicinity Map for
MERRION OIL & GAS CORPORATION #2 ARENA BLANCA
2310'FNL 1250'FEL Sec. 36-T2ON-R5W
McKINLEY COUNTY, NEW MEXICO