

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

Merrion Oil & Gas Corporation

3. ADDRESS OF OPERATOR

P. O. Box 1017, Farmington, New Mexico 87499

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

At surface

660 FNL and 990 FWL

At proposed prod. zone

Same

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

15. DISTANCE FROM PROPOSED*

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

660'

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

410'

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

6840' GL

16. NO. OF ACRES IN LEASE

3282.52

19. PROPOSED DEPTH

6200' KB

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

0 - TD

22. APPROX. DATE WORK WILL START*

Summer/1985

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8", J-55	20 #/ft.	200	170 sx (200.6 cu. ft.)
7-7/8"	4-1/2", J-55	10.5 #/ft.	6200	875 sx (1571 cu. ft.)

Propose to drill 12-1/4" hole to 200 ft., set 200 ft. of 8-5/8", 20 #/ft. new surface casing with 175 sx Class B 2% CaCl₂. Will drill 7-7/8" hole to TD and run open hole logs. If logs appear productive, will run 4-1/2", J-55, 10.5 #/ft. new casing to TD and 2 stage cement. 1st Stage: 175 sx Class H, 2% gel to cover Gallup. Stage tool below Point Lookout @ 4577 ft. est. 2nd Stage: 600 sx Class B with 2% D-79 followed by 100 sx Class H 2% gel. Will bring cement above Ojo Alamo. Drilling mud will be low water loss gel, fresh water, starch. Will perforate and frac as necessary. Blowout prevention equipment will be 10" 900 series double ram.

ESTIMATED TOPS

Ojo Alamo	1620	Cliffhouse	3610	Gallup	5352
Kirtland	1705	Menefee	3670	Sanostee	5985
Fruitland	1970	Point Lookout	4290	TD	6200
Pictured Cliffs	2120	Mancos	4530		

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 prevention program, if any.

SIGNED

TITLE Operations Manager

DATE 4/30/85

(This space for Federal or State office use)

* This action is subject to technical and
procedural review pursuant to 43 CFR 3165.3
and appeal pursuant to 43 CFR 3165.4.

RECEIVED
JUL 10 1985
OIL CON. DIST. 3
APPROVED
AMENDED
JUL 09 1985
(800) JAT MILLENBACH

*See Instructions On Reverse Side

M. MILLENBACH
AREA MANAGER

**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.

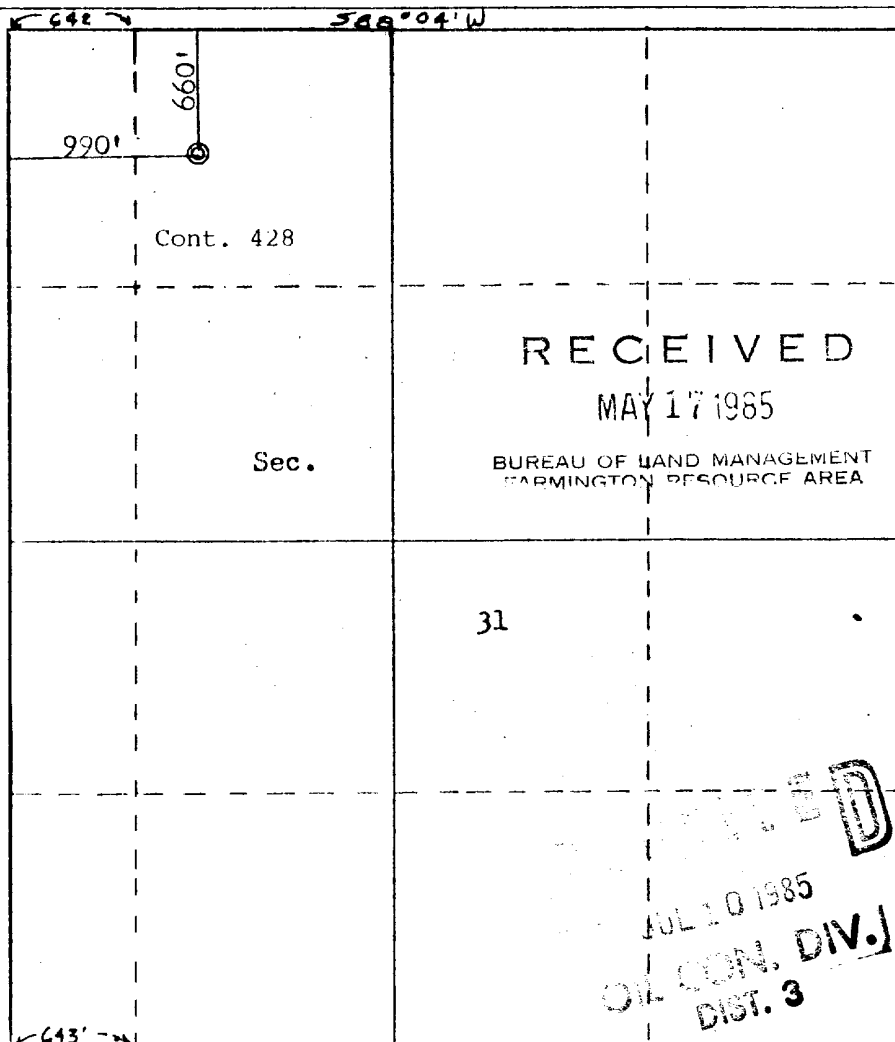
Operator MERRION OIL & GAS CORPORATION			Lease JICARILLA 428		Well No. 11
Unit Letter C	Section 31	Township 23N	Range 4W	County Sandoval	
Actual Footage Location of Well: 660 feet from the North line and 990 feet from the West line					
Ground Level Elev: 6840	Producing Formation Gallup		Pool Undes. Gallup		Dedicated Acreage: 40 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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'

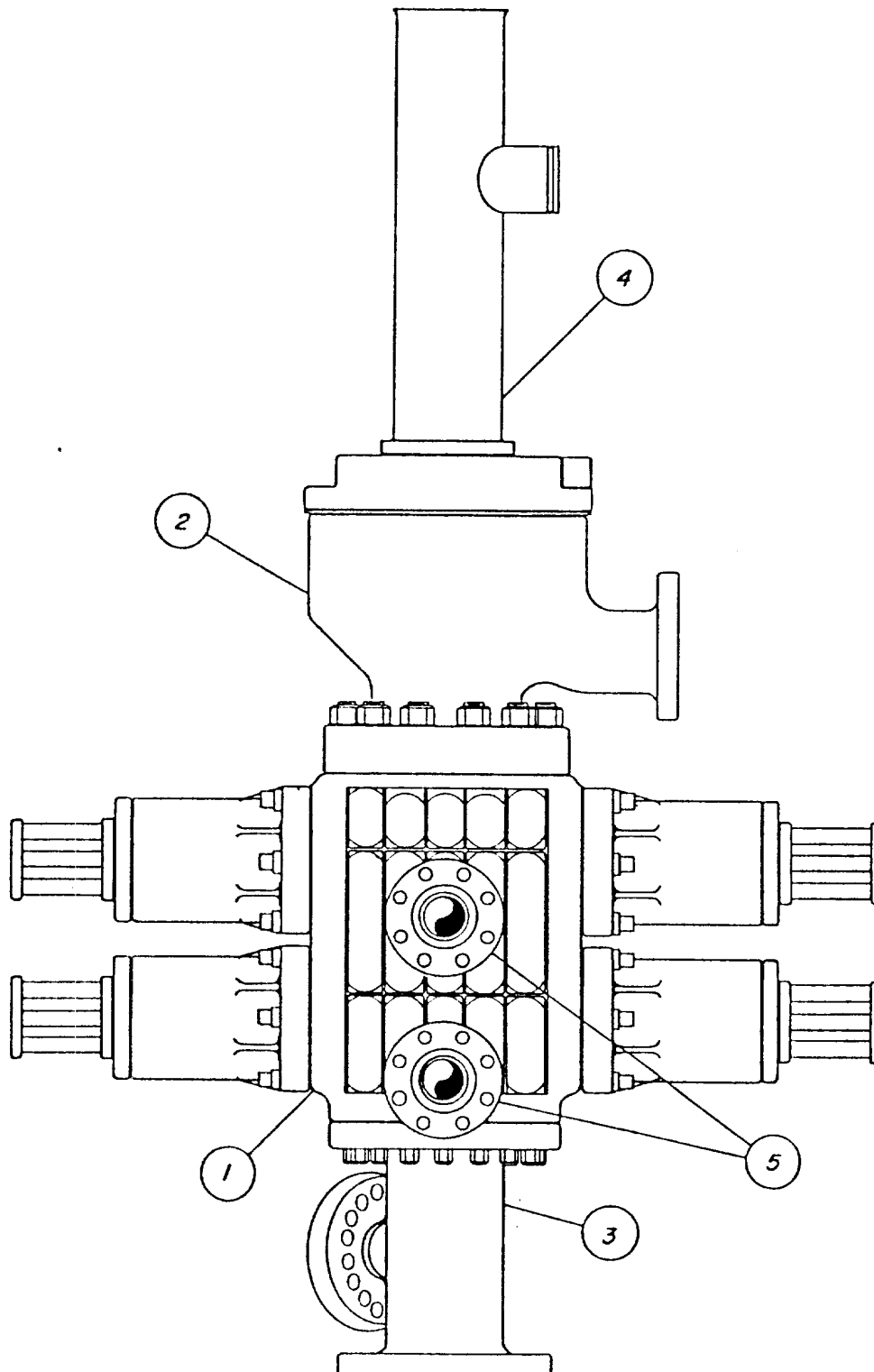
CERTIFICATION

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

Steve S. Dunn
 Name
Steve S. Dunn
 Position
Operations Manager
 Company
Merrion Oil & Gas Corporation
 Date
4/30/85

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
April 29, 1985
 Registered Professional Engineer and Land Surveyor
Fred B. Kerr Jr.
Fred B. Kerr Jr.
 Certificate No. **1950**



- ① SHAFFER 11" 3000 LB. MODEL LWS MANUAL LOCK RAM BLOWOUT PREVENTER
- ② GRANT 11" 3000 LB. ROTATING DRILL HEAD
- ③ 11" SPOOL
- ④ 11" FLOW NIPPLE
- ⑤ 4" 3000 LB. NOZZLE

Merrion Oil & Gas Corp.
 Jicarilla 428-11
 Sec. 31, T23N, E4W
 Sandoval Co., New Mexico

