

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

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

2645' FNL and 690' FEL

At proposed prod. zone Same

AUG 09 1984

BUREAU OF LAND MANAGEMENT

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

13 miles North of Counselors, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

690'

16. NO. OF ACRES IN LEASE

549.60-2552.32

17. NO. OF ACRES ASSIGNED

40

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT.

990'

19. PROPOSED DEPTH

4910

20. ROTARY OR CABLE TOOLS

Rotary

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

6575' GL

DRILLING OPERATIONS AUTHORIZED ARE

SUBJECT TO COMPLIANCE WITH ATTACHED

"GENERAL REQUIREMENTS"

PROPOSED CASING AND CEMENTING PROGRAM

22. APPROX. DATE WORK WILL START*

Fall, 1984

This action is subject to administrative
appeal pursuant to 30 CFR 290.

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4	8-5/8", J-55	23 #/ft	200	170 sx (350.2 cu. ft.)
7-7/8	4-1/2, J(K)55	10.5 #/ft	4910	925 sx

Will drill 12-1/4" surface hole to 200 ft. and set 200 ft. of 8-5/8" 23 #/ft, J-55 grade casing with 170 sx Class B cement with 3% CaCl₂. Will drill 7-7/8" hole to 4910'. Will run open hole logs. No other testing during drilling planned. If well appears productive will run 4910' of 4-1/2" 10.5 #/ft. J or K-55 Grade casing to TD. Will cement with 700 sx Class B 2% D-79 2.06 cu. ft/sk yield (1442 cu. ft.) cement followed by 225 sx Class H 2% gel, 1.22 cu. ft/sk (275 cu. ft.) cement to cover Mesaverde, Chacra, Pictured Cliffs, Fruitland and Ojo Alamo. Estimated top of cement is at the surface. 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 blowout preventer. Will perforate the mesaverde and stimulate as required for completion.

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 [Signature] TITLE Operations Manager

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

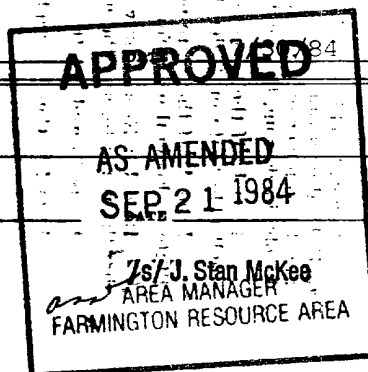
APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

RECEIVED
SEP 25 1984
OIL CON. DIV.
DIST. 3

NMOCC



**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 Canyon Largo Unit		Well No. - 347
Unit Letter H	Section 1	Township 24N	Range 7W	County Rio Arriba	
Actual Footage Location of Well: 2645 feet from the North line and 690 feet from the East line					
Ground Level Elev: 6575	Producing Formation Mesaverde		Pool Devils Fork Mesaverde		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.

4	3	2	1
Sec.		2645' 690'	
		SF 078922	
		1	

5531'

5637'

RECEIVED

AUG 01 1984

BUREAU OF LAND MANAGEMENT
MARTINSON RESOURCE AREA

Scale: 1" = 1320'

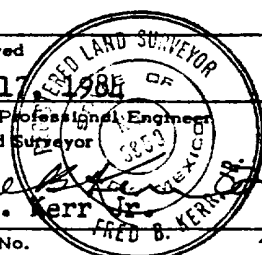
CERTIFICATION

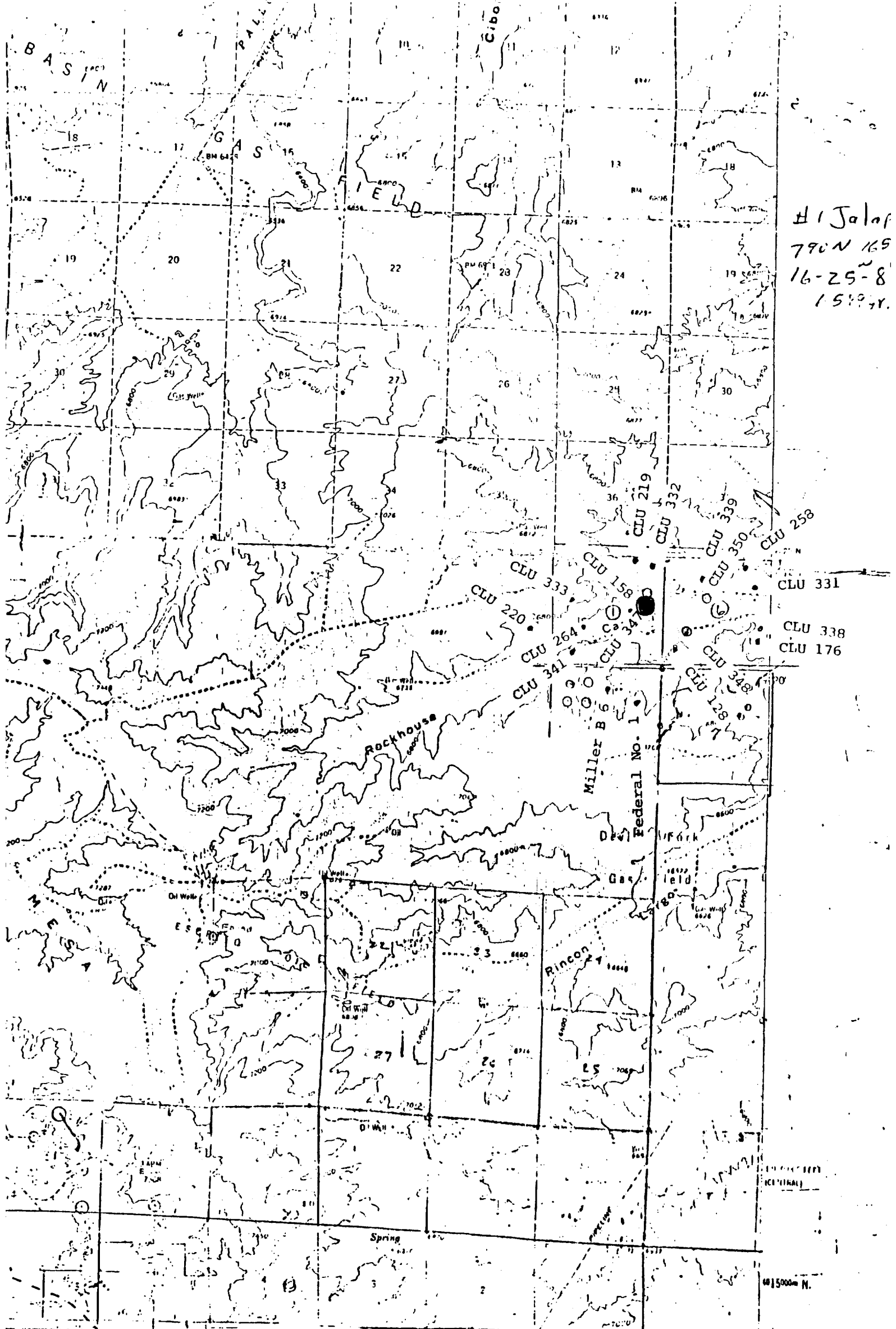
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name
Steve S. Dunn
Position
Operations Manager
Company
Merrion Oil & Gas Corporation
Date
7/27/84

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
July 17, 1984
Registered Professional Engineer and Land Surveyor
Fred B. Kerr Jr.
Certificate No.
3950





#1 Jalap
790N 165
16-25-8
1519.71.

Vicinity Map for
MERRION OIL & GAS CORP. # Canyon Largo Unit 347
2645'FNL 690'FEL Sec. 1-T24N-R7W
RIO ARriba COUNTY, NEW MEXICO

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 9-331-C for such proposals.)

1. oil well ☒ gas well ☐ other ☐

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. See space 17 below.)
AT SURFACE: 2645' FNL and 690' FEL
AT TOP PROD. INTERVAL: Same
AT TOTAL DEPTH: Same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF	☐	☐
FRACTURE TREAT	☐	☐
SHOOT OR ACIDIZE	☐	☐
REPAIR WELL	☐	☐
PULL OR ALTER CASING	☐	☐
MULTIPLE COMPLETE	☐	☐
CHANGE ZONES	☐	☐
ABANDON*	☐	☐

(other) Spud, surface casing

RECEIVED (NOTE: Report results of multiple completion or zone change on Form 9-330.)

OCT - 2 1984

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

17. 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.)*

Spud 9/30/84.

Set 8-5/8", 24 #/ft., J-55 surface casing @ 224' KB with 170 sk (350.2 cu. ft.)

Class B cement. Circulated 3 Bbls to surface.

Pressure test to 600 PSI - held OK.

RECEIVED

OCT 19 1984

OIL CON. DIV.

DIST. 3

Subsurface Safety Valve: Manu. and Type

Set @ _____ Ft.

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

SIGNED [Signature] TITLE Operations Manager DATE 10/1/84

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD

OCT 19 1984

*See Instructions on Reverse Side

NMOCC

FARMINGTON RESOURCE AREA
RV Smm