

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK
DRILL ☒ DEEPEN ☐

b. TYPE OF WELL
OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. NAME OF OPERATOR
Richardson Operating Co. (303) 830-8000

3. ADDRESS AND TELEPHONE NO.
1700 Lincoln, Suite 1700, Denver, Co. 80203

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At surface 1935' FNL & 710' FWL
At proposed prod. zone Same

5. LEASE DESIGNATION AND SERIAL NO.
NMMN-023473

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
N/A

7. UNIT AGREEMENT NAME
N/A

8. FARM OR LEASE NAME, WELL NO.
Mr. Nona 15 #1

9. AP WELL NO.
30-045-30318

10. FIELD AND POOL, OR WILDCAT
Harper Hill PC-

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
15-30n-14w NMPM

12. COUNTY OR PARISH
San Juan

13. STATE
NM

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
6 air miles NW of Farmington, NM

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
610'

16. NO. OF ACRES IN
40

17. NO. OF ACRES ASSIGNED TO THIS WELL
160 NW 4

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

19. PROPOSED DEPTH
1,620'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5,845' ungraded ground

22. APPROX. DATE WORK WILL START*
Upon Approval

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
8-3/4"	7" (K-55)	20#	120'	≈36 cu ft & to surface
6-1/4"	4-1/2" (K-55)	10.5#	1,620'	≈294 cu ft & to surface

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

Will communitize surrounding Richardson leases to form 160 acre spacing unit in northwest quarter.

This APD is also a BLM road right-of-way application. Applied for portion is 25' wide x 1,565.43' long (=0.90 acres) in NWSW Sec. 15, T. 30 N., R. 14 W.

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS"

cc: BLM (& OCD), Colby

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, 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 Consultant (505) 466-8120 DATE 7-22-00
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE 10/27/00

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY _____ TITLE _____ DATE 10/27/00

*See Instructions On Reverse Side

NMOCH

State of New Mexico
Energy, Minerals & Mining Resources Department

Form C - 102

OIL CONSERVATION DIVISION

2040 South Pacheco

Santa Fe, NM 87505

AMENDED REPORT

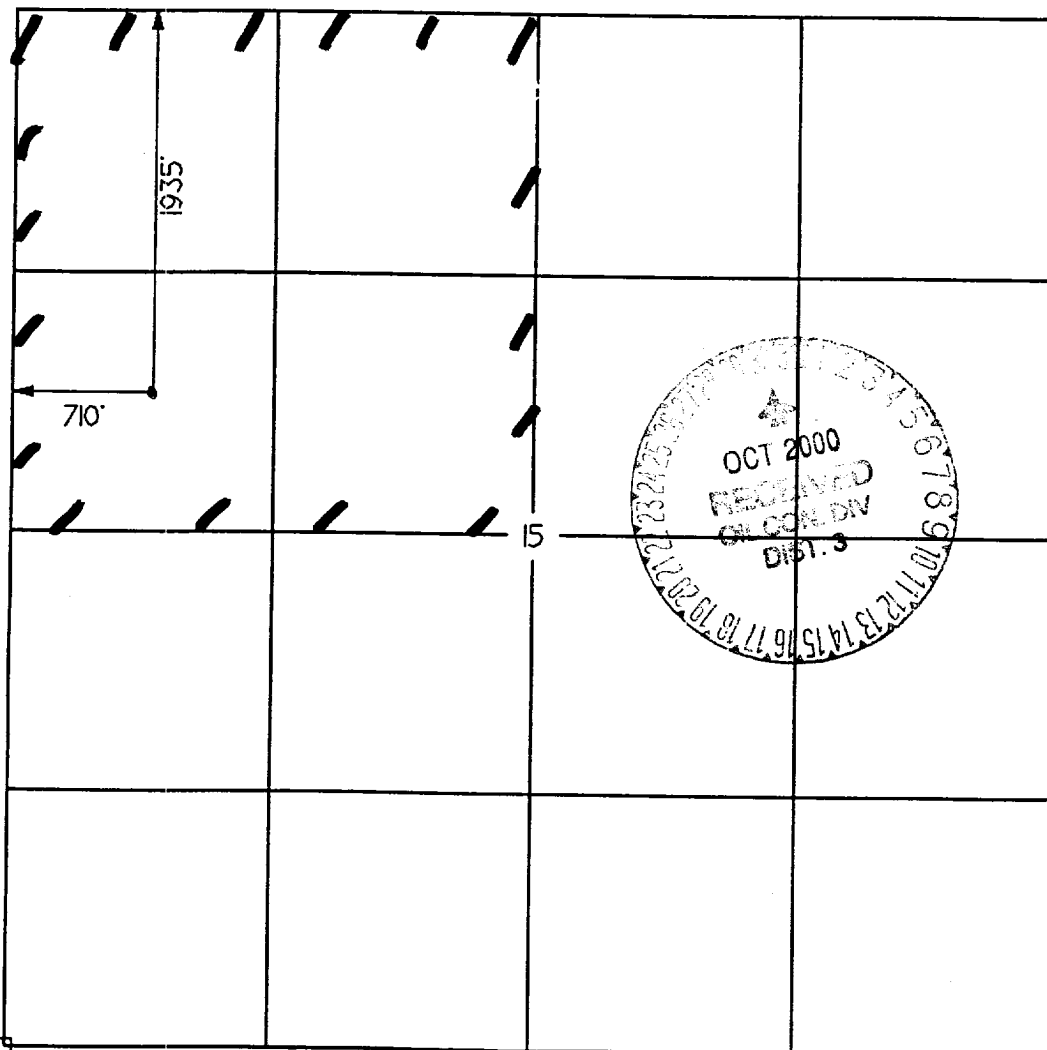
WELL LOCATION AND ACREAGE DEDICATION PLAT

APA Number 30-045-30318	Pool Code 78160	Pool Name HARPER HILL PICTURE CLIFF
Property Code 26842	Property Name Mr. NONA	Well Number 1
OGRIID No. 019219	Operator Name RICHARDSON OPERATING COMPANY	Elevation 5845'

Surface Location									
UL or Lot E	Sec. 15	Twp. 30 N.	Rge. 14 W.	Lot Lch.	Feet from > 1935	North/South NORTH	Feet from > 710	East/West WEST	County SAN JUAN

Bottom Hole Location If Different From Surface									
UL or Lot	Sec.	Twp.	Rge.	Lot Lch.	Feet from >	North/South	Feet from >	East/West	County
Dedication 160 NW 1/4	Joint ?	Consolidation	Order No.						

NO ALLOWABLE WILL ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature: <i>Brian Wood</i>	
Printed Name BRIAN WOOD	
Title CONSULTANT	
Date JULY 22, 2000	
SURVEYOR CERTIFICATION I hereby certify that the well location 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 belief. Date of Survey 12 JUNE 2000	
Signature and Seal of Professional Surveyor 	

