

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

## OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

RECEIVED  
AUG 17 1995

WELL APT NO.

30-045-22568

5. Indicate Type of Lease

STATE ☐

FEE ☒

6. State Oil & Gas Lease No.

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 APPLICATION FOR PERMIT  
(FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:

OIL  
WELL ☒

GAS  
WELL ☐

OTHER

2. Name of Operator

Merrion Oil & Gas Corp.

(014634)

3. Address of Operator

P. O. Box 840, Farmington, NM 87499

7. Lease Name or Unit Agreement Name

Santa Fe H 20

8. Well No.

3

9. Pool name or Wildcat

Snake Eyes Entrada DAK D

4. Well Location

Unit Letter H : 2220 Feet From The north Line and 990 Feet From The east Line

Section 20 Township 21N Range 08W NMPM San Juan County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)

6573' GL

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

### NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐

PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐

CHANGE PLANS ☐

PULL OR ALTER CASING ☐

OTHER: Re-Drill ☒

### SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐

ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐

PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☐

OTHER: ☐

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Merrion proposes to plug the Dakota perms by squeezing with 25 sacks cement. Will clean out to 5485' (top of cement plug). Will mill up to 60 feet of 7" casing section at kick-off point in Morrison formation (depth approx. 5235'). Will spot kick-off cement plug, dress off and mobilize direction equipment. Will run in hole with mud motor and 6-1/8" bit. Will orient and kick-off of cement plug in a westerly direction ( $\pm$  S 84° W). Will build angle and intersect Entrada top at or near horizontal. Will continue to build angle to  $\approx$  90°. May run 4-1/2" 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 1150 feet in length in a westerly 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.

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

SIGNATURE Steven S. Dunn TITLE Operations Manager DATE 8/16/95

TYPE OR PRINT NAME TELEPHONE NO.

(This space for State Use)

APPROVED BY ORIGINAL SIGNED BY ERNIE BUSCH DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE MAY 10 1996

CONDITIONS OF APPROVAL, IF ANY:

DD-111(H)

MERRION OIL AND GAS CORP.  
WELLBORE SCHEMATIC

SANTA FE 20-3

2220' FNL & 990' FEL  
SECTION 20, T21N, R8W  
SAN JUAN COUNTY, NEW MEXICO  
ENG: G.F. SHARPE DRFT: M.E.G.  
DATE: 11-25-91

ELEVATION:

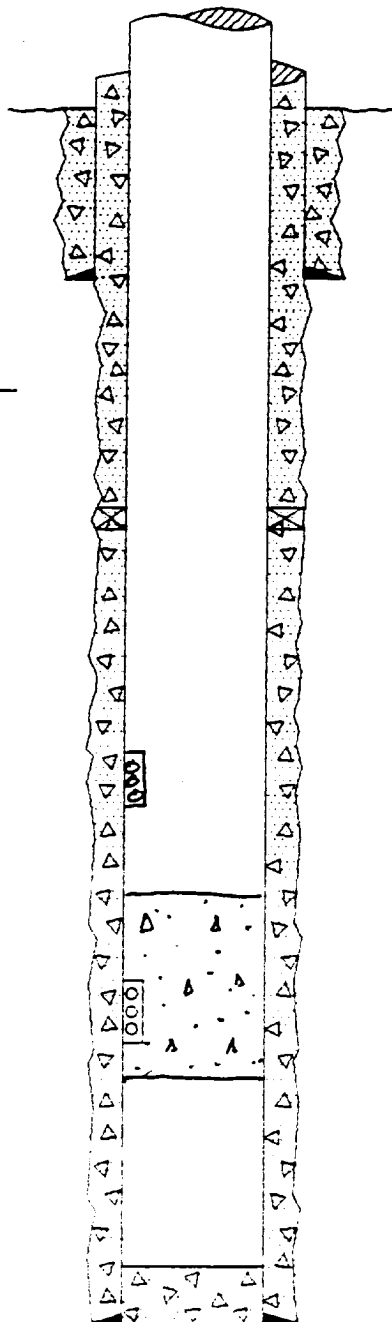
GL: 6573'  
KB: 6585'

FORMATION TOPS:

GALLUP	3336'
DAKOTA	4585'
ENTRADA	5601'

ENTRADA PERFS: 5602'  
@ 2 SPF 5610'

<u>CAPACITIES:</u>	<u>B/F</u>
7" 20#	.0404
7" 23#	.0393



13 1/4" HOLE

9 5/8", 36# CSG @ 205'  
CMT W/200 SX BW/2% SALT

2 7/8" Tbg @ 4575'

DV TOOL @ 3114'  
CMT 2ND STAGE W/630 SX  
HAL LITE W/10#/SX GILSONITE  
TAIL W/50 SX B W/10% SALT  
CIRC CMT TO SURFACE.

DAKOTA PERFS: 4586-90'  
4 JSPE

PLUG 5485' - 5,660'

7" 20#, SURF TO 3500'  
7" 23# 3500' TO 5835'

CMT 1ST STG. W/450 SX HAL LITE  
W/10#/SX GILSONITE  
TAIL W/100 SX B W/10% SALT.  
CIRC CMT TO DV TOOL

PBTD: 5800'  
TD: 5841'