

Submit 3 Copies
to Approver
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

cc: 3 OCD
1 Well File

Form C-103
Revised 1-1-89

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

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

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

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

WELL API NO. 30-045-28512
5. Indicate Type of Lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Santa Fe 20
8. Well No. 5
9. Pool name or Wellbore Snake Eyes Entrada Ext

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 Corporation
3. Address of Operator P. O. Box 840, Farmington, NM 87499
4. Well Location Unit Letter <u>A</u> : <u>1150</u> Feet From The <u>North</u> Line and <u>720</u> Feet From The <u>East</u> Line Section <u>20</u> Township <u>21N</u> Range <u>8W</u> NMPM <u>San Juan</u> County
10. Elevation (Show whether DP, RKB, RT, CR, etc.)

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data:	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK ☐	REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐	ALTERING CASING ☐
PULL OR ALTER CASING ☐	COMMENCE DRILLING OPNS. ☐
OTHER: ☐	PLUG AND ABANDONMENT ☐
	CASING TEST AND CEMENT JOB ☐
	OTHER: <u>Drilling History</u> ☒

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.

Attached find a copy of the drilling history for the above mentioned well. Drilling history is for operations conducted to test the Entrada Formation. Well was dry in the Entrada and subsequently plugged back. Casing was set through the Gallup Formation.

Subsequent reports will reflect this formation change.

RECEIVED
APR 26 1991
OIL CON. DIV.
DIST. 3

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

SIGNATURE Steven S. Dunn TITLE Operations Manager DATE 4/25/91
TYPE OR PRINT NAME Steven S. Dunn TELEPHONE NO. 327-9801

(This space for State Use)

APPROVED BY Original Signed by FRANK T. CHAVEZ TITLE SUPERVISOR DISTRICT # 3 DATE APR 26 1991
CONDITIONS OF APPROVAL, IF ANY:

SANTA FE 20 NO. 5 On Report

March 31, 1991 Day No. 1

TD: 256' KB.

Current Operation: Drilling

Summary: MIRU Walters Rig #5. Well spud Sunday, March 31, 1991 at 6:00 am. Drill 12-1/4" surface hole to 256' KB. Survey, circ and run 9-5/8" csg, set at 258' KB.

Detail: 7 jts of 9-5/8", 40 lb/ft csg 244.33' cemented w/ 150 sx cl "G" cement, 2% CaCl, 1/4#/sk celloflake; 15.8#/gal. Circ 5 Bbls cement to surface. Plug dn at 5:45 pm, March 30, 1991.

Drilled 2.75 hrs; WOW 2 hrs; Run Csg 1 hr; RU 4.75 hrs; Circ .5 hr; Trip .5 hr; Cement .5 hr; WOC 12 hrs. (CCM)

Surveys:	<u>Depth</u>	<u>Angle</u>	<u>Azimuth</u>
	263'	1°	S40E

April 1, 1991 Day No. 2

TD: 1,950' KB

Current Operation: Drilling

Detail: Bit size 8-3/4". Drill 18.25 hrs; Trip 2 hrs @ 1600' for reamer to stabilize; Survey 3 hrs; Rig repair .75 hr.

Surveys:	<u>Depth</u>	<u>Angle</u>	<u>Azimuth</u>
	747'	3-1/4°	S10W
	837'	3-1/4°	S56W
	961'	2-3/4°	S18W
	1,180'	3-1/8°	S25W
	1,393'	2-3/4°	S10W
	1,601'	3-1/4°	S13W
	1,801'	3-1/2°	S01W
	1,895'	3-1/8°	S10W

SANTA FE 20 NO. 5

April 2, 1991

Day No. 3

TD: 2,895' KB

Current Operation: Drilling

Detail: Drill 21.75 hrs; Survey 2 hrs; Rig repair .25 hr.
(CCM)

Surveys:	<u>Depth</u>	<u>Angle</u>	<u>Azimuth</u>
	1,990'	2-3/4°	S5E
	2,115'	2-1/2°	S5E
	2,241'	2-1/8°	S8E
	2,395'	2-1/2°	S10E
	2,519'	2°	S10E
	2,644'	1-3/4°	S15E
	2,738'	2°	S15E
	2,832'	2°	S10E

April 3, 1991

Day No. 4

TD: 3,730' KB

Current Operation: Drilling

Detail: Drill 22.75 hrs; Survey 1 hr; Service .25 hr. (CCM)

Surveys:	<u>Depth</u>	<u>Angle</u>	<u>Azimuth</u>
	2,925'	2°	S9E
	3,050'	1-1/2°	S5E
	3,144'	1-1/8°	S30E
	3,423'	1°	S45W

April 4, 1991

Day No. 5

TD: 4,375' KB

Current Operation: Drilling

Detail: Drill 17.75 hrs; Survey 1.25 hr; Circulate .25 hr;
Trip @ 4,360' 4.75 hrs. (CCM)

Surveys:	<u>Depth</u>	<u>Angle</u>	<u>Azimuth</u>
	3,768'	3/4°	N10W
	3,956'	3/4°	N44W
	4,052'	1°	N40W

SANTA FE 20 NO. 5

April 5, 1991

Day No. 6

TD: 4,957' KB

Current Operation: Drilling

Detail: Drill 23.25 hrs; Survey .5 hr; Rig Service .25 hrs.
(CCM)

Surveys:	<u>Depth</u>	<u>Angle</u>	<u>Azimuth</u>
	4,423'	1°	S40W
	4,701'	3/4°	S77W

April 6, 1991

Day No. 7

TD: 5,550' KB

Current Operation: Drilling

Detail: Drill 23.25 hrs; Survey .25 hr; Rig Service .5 hr.
(CCM)

Surveys:	<u>Depth</u>	<u>Angle</u>	<u>Azimuth</u>
	5,197'	1-1/2°	S77W

April 7, 1991

Day No. 8

TD: 5,625' KB

Current Operation: TIH w/ core barrel

Detail: Drill 7.5 hrs; Survey .25 hr; Circ 4.25 hrs; Rig
Service .25 hr; Trip 4.75 hrs; WO Connections 4.5 hrs; PU Core
Barrel 2.5 hrs. (CCM)

Surveys:	<u>Depth</u>	<u>Angle</u>	<u>Azimuth</u>
	5,625'	1°	N40W

Daily Cost: \$7,090

AFE Number 90045: \$403,365
Cumulative Costs: \$116,408

April 8, 1991

Day No. 9

TD: 5,720' KB

Current Operation: Logging

Detail: Drill .25 hr; Trip 11.75 hrs; Circ 3.25 hrs; Ream 2.5
hrs; Core 1.75 hrs; Log 4.25 hrs. (CCM)