

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

cc: 1 Well File
3 OCD

Form C-103
Revised 1-1-89

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

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

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

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

WELL API NO. 30-045-28512
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Santa Fe 20
8. Well No. 5
9. Pool name or Wildcat Gallup

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 G-101) FOR SUCH PROPOSALS.)

1. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> 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 San Juan County 10. Elevation (Show whether DF, RKB, RT, GR, etc.) <u>6,576' KB</u>
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11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
OTHER: <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
	CASING TEST AND CEMENT JOB <input checked="" type="checkbox"/>
	OTHER: <u>Plug Back to Gallup</u> <input checked="" type="checkbox"/>

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 please find the plugging history. The well was plugged over the Entrada and through to the Gallup. The attached shows the cementing job.

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

I hereby certify that the information above is true and complete to the best of my knowledge and belief.
SIGNATURE [Signature] 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 CHARLES GHOLSON TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE APR 26 1991
CONDITIONS OF APPROVAL, IF ANY:

SANTA FE 20 NO. 5

April 9, 1991

Day No. 10

Current Operation: Running Casing
PBSD @ 4,443'

Detail: Schlumberger finished logging. TIH w/ drill collars and weight pipe. POH, laying dn same. TIH open-ended to 5672'. RU Dowell. Spot a 50 sx, Class "G" cement plug, yield 1.15 cu ft/sk, density 15.9 lb/gal over Entrada formation. Est top @ 5,572'.

Pull pipe to 4781'. Spot a 135 sk Class "G" cement plug containing 2% CaCl, yield 1.15 cu ft/sk, density 15.9 lb/gal over Dakota and Morrison formations.

Pull pipe up hole 1000'. Circ hole. TIH. Tag cement @ 4443'. POH laying dn drill pipe. ND BOP and drilling head. Change out csg head. NU BOP and drilling head. RU csg crew. Ran 60 jts of 5-1/2" csg. (ARM)

Off Report

April 10, 1991

Day No. 11

Summary: Finish running casing. Two stage cement job. Set slips. Cut off casing.

Detail: Pick up and run 31 jts of 5-1/2" casing. Set casing @ 3800'. Circ hole w/ rig pump. RU Dowell. Break circ w/ 10 Bbls H₂O. Pump 20 Bbls prewash ahead of 355 sx Class "B" cement 50%, Lite Poz-6 50%, D-20 2%, D-44 10%, D-112 .7%, yield of 1.21 cu ft/sk, weight 13.9 lb/gal. Displace cement w/26 Bbls H₂O followed by 65.8 Bbls of 9 lb. mud. Bump plug 500 over pumping psi. Float held good. Drop bomb. Wait for 15 min to fall, pressure up to 750 psi to open DVT. Circ 4 hrs w/ rig pump. RU Dowell. Break circ w/ 20 Bbls H₂O ahead of 270 sx Class "G" cement w/ 2% D-79, yield 2.06 cu ft/sk, density 12.5 lb/gal followed by 175 sx Class "G" 50/50 Poz, yield 1.21 cu ft/sk, density 13.9 lb/gal. Tail in with 87 sx Class "G" neat cement, yield 1.15 cu ft/sk, density 15.9 lb/gal. Drop plug. Displace cement w/ 64 Bbls H₂O. Bump plug. 1:45 pm 1500 psi over. Plug held good. Circulated throughout job. Light cement to surface, about 15 Bbls. Set slips @ 35,000 lbs. Cut off casing. ND BOP. RD. Release rig. Called for temp survey. Waiting on completion. (ARM)

Casing

Guide Shoe	2.00'	3800' KB
1 jt 5-1/2" csg	41.78'	
Float Collar	2.00'	3754' KB
28 jts 5-1/2" csg	1172.55'	
DVT	3.00'	2578' KB
62 jts 5-1/2" csg	2585.50	6.83' above KB
Casing Set		3800' KB