

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

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LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease
State ☒ Fee ☐

5. State Oil & Gas Lease No.
V 82-3

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. 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, New Mexico 87499 4. Location of Well UNIT LETTER O 990 FEET FROM THE South LINE AND 1980 FEET FROM THE East LINE, SECTION 2 TOWNSHIP 20N RANGE 6W NMPM. 15. Elevation (Show whether DF, RT, GR, etc.) 6935' KB	7. Unit Agreement Name 8. Farm or Lease Name Zia 9. Well No. 1 10. Field and Pool, or WHdcat WC Mesaverde 12. County McKinley
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16. 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"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	
		OTHER Workover <input type="checkbox"/>	

17. 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.

Additional completion, testing, as per attached.

RECEIVED
OCT 16 1985
OIL CON. DIV
DIST. 3

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

SIGNED Frank T. Chavez TITLE Operations Manager DATE 10/14/85

APPROVED BY Original Signed by FRANK T. CHAVEZ TITLE SUPERVISOR DISTRICT #3 DATE OCT 16 1985

CONDITIONS OF APPROVAL, IF ANY:

ZIA 1
WORKOVER REPORT

10/04/85 MIRU Spartan Rig #4. Blew down csg. TOH w/ 110 3/4" rods and pump. Rigged up BOP's. Tally out of the hole w/86 jts. 2-3/8" EUE tbg. SN 4' perf sub and mud anchor. TIH w/ Baker Model C bridgeplug and retainer head. Fullbore pkr and mechanical collar loc. Set BP at 2660' KB. Set pkr at 2568' KB. Started swabbing.

10/04/85 Well shut in overnight. BP 2660' KB - packer at 2568' KB. Started swabbing. Initial fluid level 500' KB. Swabbed all water. Fluid level stabilized at 1700' KB. Pulling 3 bbls every 15 min making 12 bbls/hr. All water. Release packer-caught BP and reset BP and packer to test from 2520' KB to 2580' KB. Initial fluid level 400' KB. Swabbed 7 bbls. All water. Fluid level stabilized at 2100' KB - 1 run every 15 min making 1.75 bbls/run. Making 7 bbls fluid/ all water. Released packer - caught BP and collar locator quit working. Set BP and packer to test perfs at 2482'-89' KB. Initial fluid level 500' KB. 1st 4 runs 2-5% oil. Fluid level at 1800' KB 21 bbls at 2-5% oil. 45 minute fluid cut turned to 100% oil and stayed 100% remainder of the day. Made 10 runs - fluid level down to 2300' KB, 15.55 bbl at 10% oil in 1-1/4 hrs. Fluid entry stablized at 4 bbls/hr 100% oil swabbing. Total fluid 20 bbls 15 oil 5 water in 4 hours. Shut well in. SDON (CCM)

10/05/85 Opened well and started swabbing. Testing perfs 2482' - 89' KB. Initial fluid level 500' KB. Fluid entry in 14 hours 5.41 bbls 1st run 80% oil. Next 4 runs 95% water - turned back to 100% oil and same entry rate as yesterday - 4 bbls/hr. TIH moved BP to 2695' KB. TOH w/ tbg, retrieving head, and mechanical collar log. Prepare to squeeze. Shut well in. SDOWE. (CCM)

10/08/85 TIH w/2-3/8" tbg and retrieving head. Retrieved RBP at 2680' and POH. RIH w/cement retainer, stinger, and 2-3/8" tbg. Hung CR at 2515' and pumped 7.5 bbls 1% KCl water down tbg. Established circulation. Set CR at 2515'. Established injection rate into perfs at 1-3/4 BPM and 1200 psig. Pumped 75 sx (15 bbls) Cl "B" cement plus 0.6% D-60 fluid loss additive and 1% CaCl. Displaced w/ 1 bbl water and pressure built to 2000 psig. Stung out of CR and attempted to reverse circulate - pumped 6 bbls at 800 psig into open perfs above CR and could not circulate. Circulated cement down tbg and up backside w/55 bbls KCl water. Pulled 1 jt and swabbed. Once csg volume was recovered, the swab rate leveled at 1 bbl/hr - 99% BS & W. Pulled 4 stands and SDON. (TGM)

10/09/85 TOH w/ stinger & tbg. RU Petro Wireline and perforate 2291'-96' KB, 2468'-72' KB, 2482'-89' KB w/ 4 shots PF per Density log. TIH w/ fullbore packer and set at 2245' KB. Start swab testing.

1st run: FL at 1000'. Swab back 3.5 bbls fluid 100% oil. Made 2 more runs and dried well up. Wait 1/2 hr. 200' entry in 1/2 hr. Approx 37 bbls entry per day. Swabbed back 2 bbls first run after waiting period. 2nd run 1/8 bbl 90% oil. Wait another 1/2 hour. Same results. Move packer to 2444' KB and swab test.

1st run - FL at 160' KB 15 % oil. Swabbed back 2.1 bbls. Swabbed dry in 3 runs. Wait 1/2 hr to check fluid entry. 150' fluid entry in 1/2 hr. 1st run after waiting period - fluid level at 2250' KB. Swabbed back 1.8 bbls fluid - 90% oil. Approx 28 bbls entry per day.

Made total of 17 runs and swabbed back 14 bbls. Total fluid cut for day - 70% oil-30% water. (RD)

10/10/85 TOH w/packer and seat nipple. Remove seat nipple. TIH w/mechanical collar locator, fullbore packer, and tubing. Set packer at 2498' KB and pressure test tubing to 4500 psi. Held. Pull up to 2477' KB and set packer. Load backside w/ 1% KCl water. Took 6 bbls to load backside. Start pumping pad while monitoring backside pressure. Tubing pressure up to 2100 psi after 200 gals pad. Backside started building pressure. Backside pressure came up to 600 psi. Shut down. Communicated between intervals at 2468-72' and 2482-85'. Pulled packer to 2451' KB and reset. Frac w/75 quality diesel as follows:

1,500 gal	75 quality diesel pad
1,000 gal	1/2#/gal 20/40 sand
1,000 gal	1#/gal 20/40 sand
1,000 gal	1-1/2#/gal 20/40 sand
403 gal	75 quality diesel flush

ISDP - 1550 psi Avg ST pressure - 1900 psi Max 2000 psi
After 15 min - 1400 psi

Total sand - 3,000 lbs 20/40 sand

Total N2 - 93,360 SCF

Shut in 2 hrs. After 2 hrs pressure test - 1200 psi. Opened to reserve pit through 3/8" positive flow choke. Started making oil after 15 min. Put to frac tank overnight through 3/8" positive flow choke. Flowed 45 bbls overnight. Tubing gasing. (RD)

10/11/85 Well made 45 bbls fluid to frac tank - mostly oil overnight. Tbg gasing lightly. Unset packer - tagged sand at 2482' KB - 29 ft of fill TOH w/fullbore packer and mmechanical collar locator. TIIH w/sand bailer, cleaned out sand. Pulled above perfs. Wait 30 min. Went back to bottom. No fill. TOH w/ 2-3/8" tbg and bailer. TIIH w/ tbg pumping string, M.A. 4' perf sub, SN, and 76 jts 2-3/8" EUE tbg. Landed in well head and ran pump. Started pumping unit. Good pump action. SDON. (CCM).