

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

Form C-103
Revised 10-1-78

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DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease	
State <input checked="" type="checkbox"/>	Fee <input type="checkbox"/>
5. State Oil & Gas Lease No.	
V 82-3	

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL ON 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 <input type="checkbox"/>	7. Unit Agreement Name
2. Name of Operator Merrion Oil & Gas Corporation	8. Farm or Lease Name Zia
3. Address of Operator P. O. Box 840, Farmington, New Mexico 87499	9. Well No. 1
4. Location of Well UNIT LETTER <u>O</u> <u>990</u> FEET FROM THE <u>South</u> LINE AND <u>1980</u> FEET FROM THE <u>East</u> LINE, SECTION <u>2</u> TOWNSHIP <u>20N</u> RANGE <u>6W</u> NMPM.	10. Field and Pool, or Whdcat WC Mesaverde
15. Elevation (Show whether DF, RT, GR, etc.) 6922' GL	12. County McKinley

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐
PULL OR ALTER CASING ☐
OTHER ☐

PLUG AND ABANDON ☐
CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐
COMMENCE DRILLING OPNS. ☐
CASING TEST AND CEMENT JOBS ☐
OTHER First Production, Well history ☐

ALTERING CASING ☐
PLUG AND ABANDONMENT ☐

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.

First Production: 6/08/85.

Well History Attached.

Casing pressure tested to 4000 PSI for 30 minutes. Held good.

RECEIVED
JUN 11 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 6/10/85

Original Signed by FRANK T. CHAVEZ
APPROVED BY Supervisor District 3 TITLE SUPERVISOR DISTRICT 3 DATE JUN 11 1985

CONDITIONS OF APPROVAL, IF ANY:

MERRION OIL & GAS CORPORATION

ZIA 1

990' FSL & 1980' FEL
Sec. 2, T20N, R6W
McKinley County, New Mexico

COMPLETION REPORT

5/21/85 Moved in, rigged up Spartan Well Service. Tripped in hole with tubing & casing scraper to 3117' KB. Tripped out of hole. Shut down overnight. (SSD)

5/22/85 Rigged up Petro wireline and ran Gamma Ray Correlation Cement Bond Log from PBTD 3116' KB. Wireline up to 500' KB. Top of cement at 610' KB. Western pressure tested casing to 4000 psi. Held good. Perforated with 3-1/8" casing guns from 2742' - 2748' KB, 4 shots per foot per Density Log. Rigged down Petro wireline. Tripped in hole with Model A tension packer on 2-3/8" tubing and seating nipple. Set packer at 2700' KB. Swabbed 12 bbls fluid in three runs. Third run almost dry. Got lubricator full of paraffin. Shut down, cleaned up lubricator. Made one more run. Made 2 bbls fluid, no paraffin - slight oil show, no gas. Total fluid swabbed - 14 bbls. Shut down overnight. (CCM)

5/23/85 Well dead, no production overnight. Swabbed well down, made total 7 bbls fluid - 20% oil. Swabbed well every 30 minutes for next four hours. Made 200' of fluid per run for a total of 3 bbls fluid. Approximately 20% oil. Total fluid for the day - 10 bbls - 20% oil, no gas. Released packer, tripped out. Picked up Model "C" bridge plug. Tripped in and set at 2500'. Pressure tested to 2500 PSIG, held OK. Tripped out, shut down overnight. (SSD)

5/24/85 Rigged up Petro wireline and perforated middle zone of Menefee-Mesaverde, 2468'-72' KB. Rigged down wireline. Tripped in hole with Model A tension packer and set at 2440' KB with Model C bridge plug at 2508' KB. Swabbed 9 bbls - all water. Tubing dry. Waited one hour, made one run and got 1.5 bbls fluid. Sample showed 3% oil, 97% dirty water. Got ready for second hour test and rig would not start. Got rig running and swabbed tubing down. Made total of 2 bbls after 7 hours entry. Two samples showing 25% oil and 75% water. Tripped out of hole with 2-3/8" tubing and Model A tension packer. Shut down overnight. (CCM)

5/25/85 Tripped in hole and retrieved bridge plug. Moved up to 2310' KB and reset. Tripped out of hole with tubing. Rigged up Petro wireline and perforated 3rd zone of Menefee, 2291' - 2296' KB, 4 per foot with 3-1/8" casing gun. Rigged down Petro wireline. Tripped in hole with Model A packer set at 2270' KB. Swabbed down in 8 bbls. Made one run every 30 minutes to keep dry. Made one bbl every 30 minutes, average of 20% oil, 80% water. Three-hour test: Total of 6 bbls fluid, average of 20% oil. Tripped out of hole with tubing and packer. Shut down overnight. (CCM)

5/26/85 Tripped in hole with tubing and retrieved bridge plug. Tripped out of hole. Tripped in hole with Dowell's Abrasajet tool and collar locator one joint up. Caught collar to get on depth and set jet at 2469' KB. Cut one foot down, lowering tool one inch every 5 minutes, then circulated at 2470' KB with slurry for 20 minutes. Continued with 2nd foot from 2470' KB to 2471' KB. Pulled cutter to 2468' KB and circulated clean with water and N2. Tripped out of hole with Jetcutter collar locator and 2-3/8" tubing. Tripped in hole with Model C bridge plug and set at 2500' KB. Tripped out of hole with tubing, tripped in hole with Model A tension packer and swabbed tubing down. Shut down 30 minutes and made one run. Pulled 1/4 bbl fluid sample of 25% oil. Left tubing open over weekend. Shut down overnight. (CCM)

5/27/85 Shut down for weekend. (CCM)

5/28/85 Tested zone at 2468'-72'. Well open 38 hours with no flow to surface. Ran swab, tagged fluid at 1200' KB. Swabbed 5 bbls total fluid to dry up tubing. 50% oil cut.

Tested well for 3 hours with swab. Pulled total of 3 bbls fluid - average 50% oil. Rate 1 bbl/hr total fluid. Pulled 200' fluid every 30 minutes. Small amount of gas detected. Unset Model A packer, tripped out of hole. Tripped in, pulled bridge plug. Tripped out, shut in well. Shut down overnight. (CCM)

5/29/85 Ran 110 3/4 plain rods. Hung on, move off. (FIZZ)

5/30/85 Rod count - One hundred ten 3/4" plain rods, one 2" Pony, 16' polish rod & 6' liner. Tubing same. (FIZZ)

5/31/85 Set 400 bbl API tank and heated 3-phase production

MERRION OIL & GAS CORPORATION

ZIA 1

990' FSL & 1980' FEL
Sec. 2, T20N, R6W
McKinley County, New Mexico

DRILLING REPORT

5/06/85 Day 1. Depth - 600'. Current operation - drilling with Bit 2. Moved in, rigged up New Mexico Drilling Rig 1. Spudded well at 10:30 a.m. 5/5/85. Ran 8-5/8", 23#/ft, J55 surface casing. Set casing with 80 sx (94.4 cu. ft) Class B cement. Circulated 1 bbl to surface. Pressure tested casing to 600 psi for 30 minutes.

5/07/85 Day 2. Depth 1900'. Current operation - drilling with Bit 3. Mud weight - 9, viscosity - 32, water loss - 7.8. Surveys: 900' - 1/4; 1500' - 1/2; 1900' - 3/4. (AM)

5/08/85 Day 3. Current depth - 2610'. Current operations - drilling. Mud weight 8.9, viscosity 30, water loss 8.2. Survey: 2500' - 1. (AM)

5/09/85 Day 4. TD - 3176'. Current operations - logging. Mud weight 9, viscosity 70, water loss 9. Reached TD at 10:00 p.m. (AM)

5/10/85 Drillers TD - 3167' KB reached at 10:00 p.m. 5/8/85. Rigged up Welex and ran IES Induction & Compensated Density logs. Loggers TD - 3180' KB. 13' pipe tally error. Rigged down Welex and prepared to run 4-1/2" casing. (DE)

Rigged down Welex. Tripped in hole with drill string. Circulated to condition mud to 55 sec. visc. Rigged up Basin Power tongs. Tripped out of hole, laying down drill pipe and drill collars. Rigged up and ran 4-1/2" casing as follows:

ITEM	LENGTH	DEPTH, KB
Cement nose guideshoe	.80'	3159.00'
Jt. #1 shoe joint	40.95'	-----
Differential fill float insert	-----	3117.25'
76 jts. 4.5" 10.5#/ft casing	3110.18'	Above GL .93'
	3151.93'	

Landed casing in Bradenhead. Rigged up Dowell Cementers and cemented 4-1/2" casing in single stage as follows: Mixed and pumped 200 sx Class B cement w/ 2% chemical extender, followed by 100 sx Class H 2% gel. Had 200 sx Class H planned but bulk truck compressor quit pumping, and only got 100 sx in. Shut down, washed up pump and lines. Dropped plug and displaced with 49.5 bbls water. Released pressure. Float held good. Plug down at 4:30 p.m. 5/9/85. Rigged down Dowell and New Mexico Drilling. Shut down overnight. (CCM)