

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

NOO-C-5008

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Warito

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Dufers Point

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 7, T25N, R8W

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

WELL COMPLETION OR RECOMPLETION REPORT AND LOGS*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐

2. NAME OF OPERATOR

Merrion Oil & Gas Corporation

3. ADDRESS OF OPERATOR

P. O. Box 1017, Farmington, New Mexico 87401

4. LOCATION OF WELL (Report location clearly and in accordance with State requirements)

At surface 790' FNL and 1810' FEL

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO. DATE ISSUED

FARMINGTON, N. M.

15. DATE SPUDDED

5/5/82

16. DATE T.D. REACHED

5/16/82

17. DATE COMPL. (Ready to prod.)

7/10/82

18. ELEVATIONS (IF, RKB, RT, GR, ETC.)*

6354' KB

19. ELEV. CASINGHEAD

6341' G.L.

20. TOTAL DEPTH, MD & TVD

6610' KB

21. PLUG, BACK T.D., MD & TVD

6355' KB

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0-TD

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

Graneros 6268 - 6300' KB

Greenhorn 6186 - 6240' KB

Gallup 5400 - 5950' KB

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

IES Induction, Gamma Ray - Neutron - Density

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	20 #/ft.	234 223'	12-1/4"	272 cu. ft. Class B 2% CACL	
4-1/2"	11.6 #/ft.	6609	7-7/8"	837 Cu. ft. Class H 2% D-20	20
				616 cu. ft. Class B 2% D-79	79
(67.5 cu. ft. Class H 2% D-20, 616 cu. ft. Class B 2% D-79, 675 cu. ft. Class H 2% D-20)					

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8	6159	N/A

31. PERFORATION RECORD (Interval, size and number)

See Attached

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
See Attached	

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
6/8/82		Flowing				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
7/14/82	24	N/A	→	98	231 MCF/D	5	2357
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
250 PSIG	575 PSIG	→	98	231 MCF/D	5	45°	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Vented - to be sold when gas connection made.

TEST WITNESSED BY

Tim Merilatt

35. LIST OF ATTACHMENTS

31. Perforations 32. Acid, Shot, Fracture, Cement

ACCEPTED FOR RECORD

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

TITLE Operations Manager

JUL 27 1982

*(See Instructions and Spaces for Additional Data on Reverse Side)

NMOC

FARMINGTON DISTRICT
BY

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Gallup	5400	5950	Oil, Gas, Saltwater	Ojo Alamo	1050'	
Greenhorn	6185	6240	Oil, Water	Kirtland	1215'	
Graneros	6268	6300	Oil, Gas, Saltwater	Fruitland	1680'	
				Pic. Cliffs	1870'	
				Lewis	1960'	
				Cliffhouse	3492'	
				Menefee	3530'	
				Pt. Lookout	4396'	
				Mancos	4450'	
				Gallup	5400'	
				Greenhorn	6185'	
				Graneros	6278'	
				Dakota	6444'	
				Burro Canyon	6548'	

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

MERRION OIL & GAS CORPORATION
WARITO COM No. 1
Sec. 7, T25N, R8W
Rio Arriba County, New Mexico

31. Perforation Record (KB)

5402 - 28' - 14 holes	5852 - 72' - 22 holes
5442 - 48' - 4 holes	5922 - 42' - 22 holes
5489 - 95' - 4 holes	6193 - 1 hole
5501 - 03' - 2 holes	6236 - 39' - 2 holes
5592 - 5614' - 12 holes	627 5 - 9 3 ' - 10 holes
5630 - 41' - 5 holes	6374 - 78' - 2 holes P & A
5673 - 81' - 3 holes	6394 - 1 hole P & A
5729 - 31' - 2 holes	64 74 - 71' - 9 holes P & A
5769 - 71' - 2 holes	17

All holes size .36".

32. Acid, Shot, Fracture, Cement squeeze, etc. (KB)

- 6193, 6236, 6239, 6275 - 93, 6374, 6378, 6394, 6447 - 71'
Acidize w/250 gal. 15% HCL
Slick water frac w/2,632 Bbls, 80,000 lbs 20/40 sand
- 6447 - 71' Acidize w/5000 Gal. 15% HCL
Gel water - CO₂ frac w/457 Bbls, 6,752 lbs. 20/40 sand.
- 6374, 6378, 6394, 6447 - 71' - Squeeze cement under retainer
w/35 sx Class B cement.
- 5870' - Squeeze cement w/25 sx Class H
- 5790' - Squeeze cement w/15 sx Class H
- 5595, 5520' - Squeeze cement w/30 sx Class H
- 5300' - squeeze cement w/20 sx Class H
- 5922 - 42, 5852 - 72 - Acidize w/2,560 Gal. 15% HCL
Frac w/slick water, 434 Bbls, 2500 lbs.
20/40 sand.
- 559~~5~~ - 5614, 5630 - 41, 5673 - 81, 5729 - 31, 5769 - 71'
Acidize w/500 Gal. 15% HCL
Foam frac w/383 Bbls water, 1,296,568 SCF N₂, 85,560 lbs
20/40 sand.
- 5402 - 28, 5442 - 48, 5489 - 95, 5501 - 03'
Acidize w/250 Gal. 15% HCL
Foam frac w/286 Bbls H₂O, 1,089,127 SCF N₂, 42,000 lbs
20/40 sand.