

District I - (505) 393-6161

1625 N. French Dr

Hobbs, NM 88241-1980

District II - (505) 748-1283

811 S. First

Artesia, NM 88210

District III - (505) 334-6178

1000 Rio Brazos Road

Aztec, NM 87410

District IV - (505) 827-7131

Energy Minerals and Natural Resources Department

Oil Conservation Division

2040 South Pacheco Street

Santa Fe, New Mexico 87505

(505) 827-7131

DEC - 6 1999

SUBMIT ORIGINAL
PLUS 2 COPIES
TO THE SANTA FE
OFFICE

APPLICATION FOR NEW WELL STATUS

I. Operator and Well

Operator name & address MERRION OIL & GAS CORPORATION 610 Reilly Avenue Farmington, New Mexico 87401							OGRID Number 014634	
Contact Party Connie S. Dinning							Phone (505) 327-9801 x126	
Property Name STATE PAT					Well Number 1A		API Number 30-039-26177	
UL C	Section 32	Township 30N	Range 07W	Feet From The 1065	North/South Line North	Feet From The 1940	East/West Line West	County Rio Arriba

II. Date/Time Information

Spud Date 11/02/99	Spud Time 9:00 a.m.	Date Completed 11/19/99	Pool Blanco Mesaverde (72319)
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III. Attach copies of Form C-103 or Federal Form 3160-5 showing date/time of drilling commenced and Form C-105 or Federal Form 3160-4 showing well was completed as a producer.

IV. Attach a list of all working interest owners with their percentage interests.

V. AFFIDAVIT:

State of New Mexico)

ss.

County of San Juan)

T. Greg Merrion, being first duly sworn, upon oath states:

1. I am the Operator, or authorized representative of the Operator, of the above-referenced well.
2. To the best of my knowledge, this application is complete and correct.

Signature T. Greg Merrion Title President Date 12/03/99

SUBSCRIBED AND SWORN TO before me this 3rd day of December.

Arthur J. Grayson
Notary Public

My Commission expires: August 7, 2002

FOR OIL CONSERVATION DIVISION USE ONLY:

VI. CERTIFICATION OF APPROVAL:

This Application is hereby approved and the above-referenced well is designated a New Well. By copy hereof, the Division notifies the Secretary of the Taxation and Revenue Department of this Approval.

Signature <u>Mark Kelly</u>	Title <u>P.E. Spee</u>	Date <u>1-19-00</u>
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT: 1/19/00

NOTICE: The operator must notify all working interest owners of this New Well certification.

PVZV2007335174

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 87240
District II
811 South First, Artesia, NM 87210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised March 25, 1999

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

WELL API NO. 30-039-26177
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name:

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 (014634)	8. Well No. 1A
3. Address of Operator 610 Reilly Avenue, Farmington, NM 8401-2634	9. Pool name or Wildcat Blanco Mesaverde (72319)
4. Well Location Unit Letter <u>C</u> : <u>1065</u> feet from the <u>North</u> line and <u>1940</u> feet from the <u>West</u> line Section <u>32</u> Township <u>30N</u> Range <u>7W</u> NMPM County <u>Rio Arriba</u>	
10. Elevation (Show whether DR, RKB, RT, GR, etc.) 6220'	

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐

PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☐

OTHER: Spud, Casing & TD Reports ☒

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. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

- Nov. 2, 1999 MIRU Aztec Rig No. 433 on 11/2/99 at 9:00 AM. Rig repair. Continue RU. Spudded 12-1/4" surface hole at 8:00 PM. Drill to 285' KB. Circulate clean. PU and run 6 joints 9-5/8", 36# new surface casing to 275' KB. At 0600 11/3/99: Casing on bottom at report time.
- Nov. 3, 1999 RU Cementers Inc. Pump 15 bbls water, 210 sxs Class 'B' cement (248 cu.ft.) 15.6#, 1.18 yield, 5.2 GPS, 44 bbls slurry. Got 12 bbls cement returns (67 cu.ft.) Plug down at 0700. WOC. TIH with 8-3/4" Hughes bit CT09C-2-12 and one blank jet, tagged cement 230', drilled out. Drilled from 280'-425'. Rig repair. Drilled from 425'-760'. Survey 1°. Drilled from 760'-1249'. Survey 1-1/4°. Drilled from 1249'-1668', drill at 130' P.H.
- Nov. 4, 1999 Drilling 2800' (1132' progress). Circulating. Mix gel sweep and circulate. Short trip 6'F. Circulate/gel sweep. Trip out, 2800' - 3/4°.

*** CONTINUED OTHER SIDE ***

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

SIGNATURE [Signature] TITLE Drig & Prod Manager DATE 11/10/99

Type or print name Steven S. Dunn

(This space for State use)

APPROVED BY [Signature] TITLE DEPUTY OIL & GAS INSPECTOR, DIST. 31

Conditions of approval, if any:

Telephone No. 505-327-9801

ORIGINAL SIGNED BY CHARLIE T. PERAIN

NOV 29 1999

DATE

NOV 12 1999

Nov. 5, 1999 Finished TOH. RU casing crew, ran 65 joints of 7", 23#, J-55 new, 7" shoe, 1 centralizer, 1 joint, self fill float collar, 1 centralizer, 63 joints casing, 4 centralizers every other joint from float collar up for a total of 6 centralizers. Set casing at 2800' KB. RU Dowell to cement. Pump 20 bbls water, lead 404 sxs Class 'B' (1011 cu.ft.) 11.8#, 2.54 yield, tail in with 100 sxs Class 'B' (158 cu.ft.) 13.5#, 1.71 yield, all cement, deformer - 0.1%/sx, celloflake - 0.25 PPS, SOO1 - 2% BWOB, D79 (sodium metasilicate) 2% BOWB. Plug down-OK, 28 bbls good cement returned to surface. ND set slips. WO cement. NU WH. Test casing to 2000# - OK. Rig repair. PU air hammer and test. Rig repair. TIH, tagged cement 2735', unload hole, start drilling. Drill ahead to 2980'. (TR)

Nov. 6, 1999 Rig repairs. Drilled from 2980'-5175'. (TR)

Nov. 7, 1999 Drilled from 5175' to TD @ 5700'. Clean up hole. TOH, LD drill pipe and collars. RU Howco Loggers. Run IES Induction and Compensated Neutron-Density Logs. RD loggers. TIH with 71 jts of 4-1/2", 10.5#, J-55, LT&C new casing, set liner top at 2675' KB. Float collar at 5654' KB. Shoe at 5700' KB. (TR)

Nov. 8, 1999 RU Dowell to cement. Pump 10 bbls chemical wash 100, 8 bbls water, 205 sxs (428 cu.ft.) litecrete cement, 1.09 yield, 76.3 bbls, drop plug. Pumped 18 bbls water displacement. Tripped plug 1700 psi. Pumped 49 bbls, plug did not bump 2 bbls over displacement. Set packer on liner top, would not pressure up. Shut down. TOH with drill pipe and liner tools. Released rig. WOCT.

Submit To: Appropriate District Office
State Lease - 6 copies
Free Lease - 5 copies
District I
1625 N. French Dr., Hobbs, NM 87240
District II
811 South First, Artesia, NM 87210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-105
Revised March 25, 1999

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

WELL API NO.
30-039-26177

5. Indicate Type of Lease
STATE ☒ FEE ☐

State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:
OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER _____

b. Type of Completion:
NEW ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER _____

2. Name of Operator
Merrion Oil & Gas Corporation

3. Address of Operator
610 Reilly Avenue, Farmington, NM 87401

4. Well Location
Unit Letter DC 1065 Feet From The north Line and 1940 Feet From The west Line
Section 32 Township 30N Range 7W NMPM Rio Arriba County

10. Date Spudded 11/2/99 11. Date T.D. Reached 11/8/99 12. Date Compl. (Ready to Prod.) 11-19-99 13. Elevations (DF & RKB, RT, GR, etc.) 6220' 14. Elev. Casinghead ---

15. Total Depth 5700' 16. Plug Back T.D. 5644' 17. If Multiple Compl. How Many Zones? -- 18. Intervals Drilled By Rotary Tools 0-TD Cable Tools ---

19. Producing Interval(s), of this completion - Top, Bottom, Name
See Attachment for perforations 20. Was Directional Survey Made No

21. Type Electric and Other Logs Run
IES Induction and Compensated Neutron-Density, GR-CCL 22. Was Well Cored No

23. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36#	275' KB	12-1/4"	210 sxs (248 cu.ft.)	
7"	23#	2800' KB	8-3/4"	504 sxs (1169 cu.ft.)	
4-1/2" <i>L</i>	10.5#	2675' KB 5700	6-1/4"	205 sxs (428 cu.ft.)	

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
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26. Perforation record (interval, size, and number)
See Attachment for perforations 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.
DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED
See attachment for frac information

28. PRODUCTION
Date First Production 11-19-99 Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing Well Status (Prod. or Shut-in) Shut-In

Date of Test No test Hours Tested --- Choke Size --- Prod'n For Test Period --- Oil - Bbl. --- Gas - MCF --- Water - Bbl. --- Gas - Oil Ratio ---
Flow Tubing Press. 650 Casing Pressure 650 Calculated 24-Hour Rate --- Oil - Bbl. --- Gas - MCF --- Water - Bbl. --- Oil Gravity - API - (Corr.) ---
NOV 19 1999

29. Disposition of Gas (Sold, used for fuel, vented, etc.)
30. List Attachments

31. I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief.
Signature George Sharpe Printed Name George F. Sharpe Title Engineer Date 11/19/99

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____
T. Salt _____
B. Salt _____
T. Yates _____
T. 7 Rivers _____
T. Queen _____
T. Grayburg _____
T. San Andres _____
T. Glorieta _____
T. Paddock _____
T. Blinebry _____
T. Tubb _____
T. Drinkard _____
T. Abo _____
T. Wolfcamp _____
T. Penn _____
T. Cisco (Bough C) _____

T. Canyon
T. Strawn
T. Atoka
T. Miss
T. Devonian
T. Silurian
T. Montoya
T. Simpson
T. McKee
T. Ellenburger
T. Gr. Wash
T. Delaware Sand
T. Bone Springs
T.
T.
T.
T.

T. Ojo Alamo	2003'
T. Kirtland-Fruitland	2203'
T. Pictured Cliffs	3080'
T. Cliff House	4835'
T. Menefee	4961'
T. Point Lookout	5280'
T. Mancos	
T. Gallup	
Base Greenhorn	
T. Dakota	
T. Morrison	
T. Todilto	
T. Entrada	
T. Wingate	
T. Chinle	
T. Permian	
T. Penn "A"	

T. Penn. "B"
T. Penn. "C"
T. Penn. "D"
T. Leadville
T. Madison
T. Elbert
T. McCracken
T. Ignacio Otzte
T. Granite
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OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....
No. 2, from.....to.....
No. 3, from.....to.....
No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
No. 2, from.....to.....feet.....
No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

[illegible][illegible]

Attachment to C-105

Information for No. 19, No. 26. & No. 27

Perforate top down: 5223'-30 (1 jspf- 7 holes); 5266'-77 (1 jspf - 11 holes); 5279'-85' (1 jspf - 6 holes); 5288'-90' (1 jspf - 2 holes); 5301'-70' (1 jspf - 23 holes).

Frac with 134,000 slick 2% KCl water and 125,000# 20/40 Brady sand (1 - 1½ - 2#/gal

Perforated top down 2 JSP 2': 4831'-33' (2 holes), 4835'-45' (6 holes), 4847'-53' (3 holes), 4856'-60' (2 holes), 4866'-68' (2 holes), 4893'-4907' (8 holes), 4910'-4912' (2 holes), 4920'-4924' (2 holes), 4926'-4928' (2 holes), 4996'-5005' (5 holes), 5068'-75' (4 holes), 5094'-5105' (6 holes), 5161.5' (1 hole), 5166.5' (1 hole), 5170'-5172' (2 holes).

Frac Cliff House and Menefee with 2% slick KCl water and 125,000# 20/40 Brady sand

Perforated Lower Lewis: 4750'-51' (2 holes). Breakdown 2 perfs, 280 psi, ISDP Vac. Finish perfs at 4700', 24' (2 holes), 4620', 22', 24', 26', 27', 29', 56', 59', 85' (9 holes), 4508', 13', 16', 18', 44', 61', 86', 88', 92' (9 holes), 4402', 04', 06', 32', 34', 36', 51', 78' (9 holes), 4324', 34', 52', 82', 86' (5 holes), 4240', 58', 66', 86', 92' (5 holes) - 41 holes - .32".

Frac Lower Lewis. Test lines to 5000 psi. Frac via csg with 70% foam, 2% KCl water, 25# cross-linked gel, 50 BPM., 150,000# 20/40 sand.

Perforate Upper Lewis bottom up at 4176', 66', 38', 198', 16', 10', 08', 04', 03', 4078'-59', 32', 30', 06', 04', 02', 4000', 3982', 80', 79', 75', 73', 71', 54', 28', 26', 24', 22', 02', 3902', 3872', 70', 58', 56', 54', 42', 38', 36', 34', 21', 19' (Total 41 holes - .32 size holes). Frac via csg with 70% foam, X-link gel, 2% KCl water, 155,600# 20/40 Brady sand, 25# x-linked gel, 50 BPM.

JB001

DIVISION OF INTEREST MAINTENANCE

15:41:44 02 DEC 1999ON

Company No. 100 MERRION OIL & GAS
Well No. 21003-1A STATE PAT # 1A
Billing Cd. O LEASE OPERATING EXPENSE
Eff. Date 11/01/99

Decimal Remaining 0.000000000

H1) Description FIRST PROD. 11/99

Ref	'*' = Last owner modified Participant	Company Reference	Int Typ	OT	Bill Stat	AFE No.	Decimal Interest
	A-----		B--		C--	D--	E-----
1	13250 MIKE BARNES		W	1	B		0.003125000
2	29750 STEVEN S DUNN		W	1	B		0.012500000
3	31042 BURLINGTON RES		W	1	B		0.375000000
4	58750 PAUL LONG		W	1	B		0.006250000
5	64570 CRAIG C MERILA		W	1	B		0.003125000
6	83340 GEORGE SHARPE		W	1	B		0.012500000
7	99003 MICHAEL K MERR 003 MICHAEL K. MERRIO		W	2	B		0.009375000
8	99005 T GREG MERRION 005 T GREGORY MERRION		W	2	B		0.012500000
9	99010 J GREGORY MERR 010 J GREGORY MERRION		W	2	B		0.062500000

Continued...

Mods nX, 'H1', 'D'n, 'O'nnnnn, 'DEL'n, 'A'dd or 'CANCEL' \\\

10 99100 MERRION OIL + GAS

0.503125

1.0