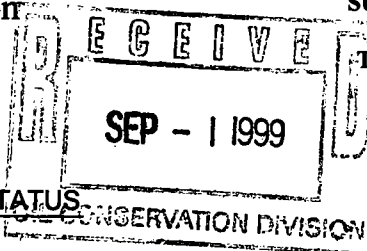


New Mexico

1195 Form C-142  
Date 06/99

## Energy Minerals and Natural Resources Department

## Oil Conservation Division

2040 South Pacheco Street  
Santa Fe, New Mexico 87505  
(505) 827-7131SUBMIT ORIGINAL  
PLUS 2 COPIES  
TO THE SANTA FE  
OFFICEDistrict 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

## APPLICATION FOR NEW WELL STATUS

## I. Operator and Well

Operator name & address <b>MERRION OIL &amp; GAS CORPORATION</b> <b>610 Reilly Avenue</b> <b>Farmington, New Mexico 87401</b>							OGRID Number <b>014634</b>		
Contact Party <b>Connie S. Dinning</b>							Phone <b>(505) 327-9801 x126</b>		
Property Name <b>SHANK COM (22342)</b>						Well Number <b>1</b>		API Number <b>30-045-29516</b>	
UL <b>F</b>	Section <b>2</b>	Township <b>26N</b>	Range <b>13W</b>	Feet From The <b>1840</b>	North/South Line <b>North</b>	Feet From The <b>1840</b>	East/West Line <b>West</b>	County <b>San Juan</b>	

## II. Date/Time Information

Spud Date <b>7/17/99</b>	Spud Time <b>2:00 p.m.</b>	Date Completed <b>8/12/99</b>	Pool <b>Basin Fruitland (71629)</b>
-----------------------------	-------------------------------	----------------------------------	--

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 )  
 )  
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 8/30/99SUBSCRIBED AND SWORN TO before me this 30th day of August, 1999.

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 Behling</u>	Title <u>P.E. Spec.</u>	Date <u>OCT 1 1999</u>
----------------------------------	----------------------------	---------------------------

VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT: 10/1/99

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

PVZV2006438396

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. 30-045-29516	
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name:  SHANK COM	
8. Well No. 1 (22342)	9. Pool name or Wildcat Basin Fruitland Coal (71629)

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)

3. Address of Operator

610 Reilly Avenue, Farmington, NM 87401-2634

4. Well Location

Unit Letter F : 1840 feet from the North line and 1840 feet from the West line

Section 2 Township 26N Range 13W NMPM County San Juan

10. Elevation (Show whether DR, RKB, RT, GR, etc.)  
6045'

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, Csg & TD Reports ☒

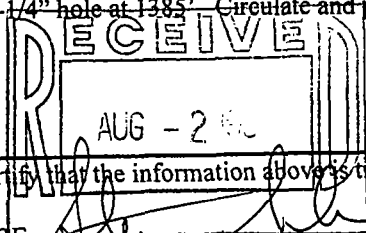
12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

7/17/99 MIRU L&B Speed Drill on July 17, 1999. Spud 8 3/4" hole at 2:00 PM. Drill surface hole to ~128' KB. Condition hole, TOH. PU 3 joints of 7", 23 ppf, J55 surface casing and RIH to 127' KB. RU Cementer's Inc. and cement with 50 sx Class 'B' with 2% CaCl<sub>2</sub>, 1/4 pps celloflake (59 cu. ft.). Circulate 3 bbls good cement to surface. WOCT. Secure well, SDON.

7/18/99 SDOWE. NU BOPs, prepare to drill ahead, 6 1/4" hole.

7/19/99 Pressure test BOP's to 600 psig for 30 min. Drill out with 6 1/4" bit. Drill ahead to 700' KB. Circulate clean. POH. Secure well. SDON.

7/20/99 TD 6-1/4" hole at 1385'. Circulate and pulled up to 1300'. Secure well. SDON.



\*\*\* CONTINUED OTHER SIDE \*\*\*

RECEIVED  
JUL 29 1999

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 Drlg & Prod Manager DATE 7/26/99

Type or print name Steven S. Dunn

Telephone No. 505-327-9801

(This space for State use)

ORIGINAL SIGNED BY CHARLIE T. PERRIN

DEPUTY OIL & GAS INSPECTOR, DIST. 33

APPROVED BY

TITLE

JUL 29 1999

Conditions of approval, if any:

7/21/99 Circulate hole from TD 1385'. TOH, LDDP & DCs. RU San Juan Casing crew and ran 32 joints of 4-1/2", 10. 5#, J-55, ST&C casing (1372.22') and landed at 1377' KB. Insert float at 1334' GL. RU Cementers Inc., precede cement with 10 bbls of water. Mix and pump 100 sxs (206 cu.ft.) of Class 'B' with 2% sodium metasilicate, 3#/sx gilsonite and 1/4#/sx celloflake. Tail in with 100 sxs (118 cu.ft.) of Class 'B' with 3#/sx gilsonite and 1/4#/sx celloflake. Good returns throughout job. Dropped plug and displaced cement with 21 bbls of water. PD at 1130 hrs 7/21/99. Float held OK. Circulated out 15 bbls of cement to surface. RD Cementers Inc. Set slips. NU wellhead. RDMOL. WOCT.

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

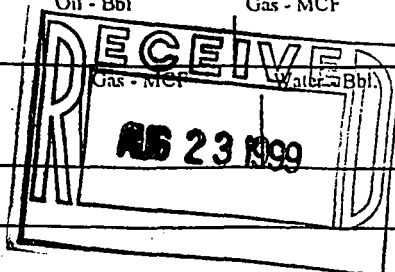
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-105  
Revised March 25, 1999

<b>WELL COMPLETION OR RECOMPLETION REPORT AND LOG</b>				WELL API NO. 30-045-29516	
1a. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER _____				5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>	
b. Type of Completion: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER _____				State Oil & Gas Lease No. _____	
2. Name of Operator Merrion Oil & Gas Corporation (014634)				7. Lease Name or Joint Agreement Name <div style="text-align: right;">AUG 18 1999</div> Shank COIL CON. DIV. DIST. 3	
3. Address of Operator 610 Reilly Avenue, Farmington, NM 87401-2634				8. Well No. 1 (22342)	
4. Well Location Unit Letter <u>F</u> : <u>1840</u> Feet From The <u>north</u> Line and <u>1840</u> Feet From The <u>west</u> Line Section <u>2</u> Township <u>26N</u> Range <u>13W</u> NMPM San Juan County				9. Pool name or Wildcat Basin Fruitland (71629)	
10. Date Spudded 7/17/99	11. Date T.D. Reached 7/20/99	12. Date Compl. (Ready to Prod.) 8/12/99	13. Elevations (DF& RKB, RT, GR, etc.) 6045' GL/ 6050' RKB	14. Elev. Casinghead --	
15. Total Depth 1385'	16. Plug Back T.D. 1329'	17. If Multiple Compl. How Many Zones? --	18. Intervals Drilled By 0-TD	Rotary Tools Cable Tools ---	
19. Producing Interval(s) of this completion - Top, Bottom, Name Main Coal: 1208'-1228' (3 SPF - 60 holes); Top Coal: 1157'-1161' and 1101'-1106' (1 spf - 9 holes)				20. Was Directional Survey Made No	
21. Type Electric and Other Logs Run DS Neutron/CCL				22. Was Well Cored No	
<b>23. CASING RECORD (Report all strings set in well)</b>					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
7"	23#, J55	172' KB	8-3/4"	50 sxs (59 cu. ft.)	
4-1/2"	10.5#, J55	1377' KB	6-1/4"	200 sxs (324 cu. ft.)	
<b>24. LINER RECORD</b>					
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	
---	---	---	---		
<b>25. TUBING RECORD</b>					
SIZE	DEPTH SET	PACKER SET			
2-3/8"	1329' KB				
<b>26. Perforation record (interval, size, and number)</b>					
Fruitland Coal:					
1208'-1228' (3 spf - 60 holes)					
1157'-1161' & 1101'-1106' (1 spf - 9 holes)					
<b>27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.</b>					
DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED			
1101'-1228'		Fraced with 60,280# of 20/40 Brady sand in 20# linear gel and 70 Q foam.			
<b>28. PRODUCTION</b>					
Date First Production 8/12/99		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping		Well Status (Prod. or Shut-in) Shut-In	
Date of Test No Test	Hours Tested Shut-In	Choke Size	Prod'n For Test Period	Oil - Bbl Gas - MCF Water - Bbl.	Gas - Oil Ratio
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF Water - Bbl.	Oil Gravity - API - (Corr.)
29. Disposition of Gas (Sold, used for fuel, vented, etc.)					Test Witnessed By
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		Printed Name Steven S. Dunn		Title Drlg & Prod Mgr	
				Date 8/17/99	



## 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

T. Anhy \_\_\_\_\_  
T. Salt \_\_\_\_\_  
B. Salt \_\_\_\_\_  
T. Yates \_\_\_\_\_  
T. 7 Rivers \_\_\_\_\_  
T. Queen \_\_\_\_\_  
T. Grayburg \_\_\_\_\_  
T. San Andres \_\_\_\_\_  
T. Glorieta \_\_\_\_\_  
T. Paddock \_\_\_\_\_  
T. Blinberry \_\_\_\_\_  
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. \_\_\_\_\_

## Northwestern New Mexico

T. Ojo Alamo Surface  
T. Kirtland-Fruitland 76' 80'  
T. Pictured Cliffs  
T. Cliff House 1233'  
T. Menefee  
T. Point Lookout  
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  
T.  
T.  
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T.  
T.

**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.....

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

## LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

Company No. 100 MERRION OIL & GAS  
Well No. 05100-10 SHANK COM 1  
Billing Cd. D DRILLING COSTS  
Eff. Date 06/01/99

Decimal Remaining 0.000000000

H1) Description DRILL BASIN FRUITLAND WELL

Ref	Participant	Company Reference	Int Typ	OT	Bill Stat	AFE No.	Decimal Interest
	A-----		B--		C--	D----	E-----
1	13473 JOHN BARRINGER		W	1	B		0.031253900
2	13474 LEWIS T BARRIN		W	1	B		0.031253900
3	13862 ROBERT L BAYLE		W	1	B		0.124984400
4	20210 JOANNE CALLAN		W	1	B		0.031253900
5	58750 PAUL LONG		W	1	B		0.004063000
6	83340 GEORGE SHARPE		W	1	B		0.013204800
7	99003 MICHAEL K MERR 003 MICHAEL K. MERRIO		W	2	B		0.010157500
8	99005 T GREG MERRION 005 T GREGORY MERRION		W	2	B		0.013204800
9	99010 J GREGORY MERR 010 J GREGORY MERRION		W	2	B		0.165614500
10	99100 MERRION OIL &		W	4	B	98004	0.575009300
	End of List.						

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