

RECEIVED 6/21/2017	REVIEWER MAm	TYPE PLC	APP NO D171525772g
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ABOVE THIS TABLE FOR OCD DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
 - Geological & Engineering Bureau -
 1220 South St Francis Drive, Santa Fe, NM 87505



ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Applicant: Merrion Oil & Gas Corporation **OGRID Number:** 14634
Well Name: North Dufers CPD Logos 2508 20D #15 **API:** 30-045-35828
Pool: Duffers Point Gallup Dakota Escrito Gallup **Pool Code:** 14859 #22619

SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED BELOW

PLC 387A

- 1) **TYPE OF APPLICATION:** Check those which apply for [A]
 A Location - Spacing Unit - Simultaneous Dedication
 NSL NSP (PROJECT AREA) NSP (PRORATION UNIT) SD
- B. Check one only for [I] or [II]
 [I] Commingling - Storage - Measurement
 DHC CTB PLC PC OLS OLM
 [II] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
 WFX PMX SWD IPI EOR PPR

- 2) **NOTIFICATION REQUIRED TO.** Check those which apply
 A. Offset operators or lease holders
 B. Royalty, overriding royalty owners, revenue owners
 C. Application requires published notice
 D. Notification and/or concurrent approval by SLO
 E. Notification and/or concurrent approval by BLM
 F. Surface owner
 G. For all of the above, proof of notification or publication is attached, and/or,
 H. No notice required

FOR OCD ONLY	
<input type="checkbox"/>	Notice Complete
<input type="checkbox"/>	Application Content Complete

3) **CERTIFICATION.** I hereby certify that the information submitted with this application for administrative approval is **accurate and complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note Statement must be completed by an individual with managerial and/or supervisory capacity

Philana Thompson
 Print or Type Name

 Signature

5/31/2017
 Date
505-486-1171
 Phone Number
pthompson@merrion b/
 e-mail Address

Attachment A Merrion Oil and Gas Corporation Surface Commingle Application

API #	Well Name	UI Sec	Twp	Rng	Spacing	Pool	Pool Code	Comments
30-045-26536	FEDERAL A#2	P- 11	24N	8W	S/2 SE/4 Section 11	Escrito Gallup (Associated)	22619	
30-045-25580	JALAPENO#1	C-16	25N	8W	NW/4 Section 16	Dufers Point-Gallup Dakota	19859	
30-045-25579	ROADRUNNER#1	E- 2	24N	8W	NW/4 Section 2	Dufers Point-Gallup Dakota	19859	
30-045-26133	SHOOFLY#1	C-14	24N	8W	NW/4 Section 14	Dufers Point-Gallup Dakota	19859	
30-045-22225	FEDERAL A#1	O-10	24N	8W	SE/4 Section 14	Dufers Point-Gallup Dakota	19859	
30-045-26322	SHOOFLY#2	A- 15	24N	8W	NE/4 Section 15	Dufers Point-Gallup Dakota	19859	
30-045-25931	STEPHENSON#2	I- 7	25N	8W	SE/4 Section 7	Dufers Point-Gallup Dakota	19859	
30-045-25985	STEPHENSON#3	K- 8	25N	8W	SW/4 Section 8	Dufers Point-Gallup Dakota	19859	
30-045-25986	STEPHENSON#4	O- 8	25N	8W	SE/4 Section 8	Dufers Point-Gallup Dakota	19859	
30-045-25912	WAGON TRAIN#1	I- 6	25N	8W	SE/4 Section 6	Dufers Point-Gallup Dakota	19859	
30-045-25376	WARITO#1	B- 7	25N	8W	NE/4 Section 7	Dufers Point-Gallup Dakota	19859	
30-045-26014	WILD HARE#1	D- 11	24N	8W	NW/4 Section 11	Dufers Point-Gallup Dakota	19859	
30-045-25927	SOB FEDERAL#1	E- 8	25N	8W	NW/4 Section 8	Dufers Point-Gallup Dakota	19859	
30-045-26310	HORSEFLY#1	M-11	24N	8W	SW/4 Section 20	Dufers Point-Gallup Dakota	19859	
30-045-26584	YUCCA COM#1	H- 2	25N	9W	NE/4 Section 2	Dufers Point-Gallup Dakota	19859	
30-045-05299	KEELING FEDERAL#1	B-20	25N	8W	NE/4 Section 20	Dufers Point-Gallup Dakota	19859	
30-045-35828	LOGOS 2508 20D#15	D-20	25N	8W	NW/4 Section 20	Dufers Point-Gallup Dakota	19859	LOGOS OPERATING, LLC



May 26th, 2017

2017-05-26 14:22

2017-05-26 14:22

RE: Notice to working and royalty interest owners
Proposed addition of the Logos 2508 20D #15 to the North Dufers Point CPD #97133

Dear Interest Owner:

According to our records, you have a working interest or royalty interest in one or more wells that is either currently connected or proposed to be connected to the North Dufers Point CPD #97133. The NMOCD requires that all working and royalty interest owners be notified of the plans to surface commingle when ownership is different between wells.

Merrion Oil & Gas Corporation is applying to the New Mexico Oil Conservation Division (NMOCD) and Bureau of Land Management for approval to add the Logos 2508 20D #15 (Operated by Logos Operating, LLC) to the North Dufers Point CPD which currently has 17 wells approved for the system. The Logos 2508 20D #15 will add the Dufers Point Gallup Dakota pool; this will require surface commingling of gas production, plus the sale of gas at an off-lease central delivery system.

Logos 2508 20D #15 interest owners will pay the cost required to install, operate and maintain the addition to the existing gathering system and all associated costs for the tie-in of the Logos 2508 20D #15 to the North Dufers CPD. As an interest owner in any of the remaining well(s), your only cost will be the existing fee charged for gathering and compression. You will not be billed for any costs associated with the tie-in of the Logos 2508 20D #15

We plan to produce the commingled gas through a shared compressor. Produced liquids will not be surfaced commingled. A copy of our application to surface commingle is attached for your reference. This proposal will not affect your interest in these wells and should allow for optimum operations on all wells. This method of operations will help to keep our operating expenses low as possible, keep wellhead operating pressures as low as possible. This will allow all interest owners to recover more of the gas reserves from each well. If you need additional information or have any questions, I may be contacted at 505-486-1171

If you have any objections to our application, you must notify in writing Merrion Oil & Gas and the NMOCD Santa Fe office at 1220 South St Francis Drive, Santa Fe, NM 87505 within 20 days. The application was mailed to the NMOCD on the date of this letter.

Sincerely,

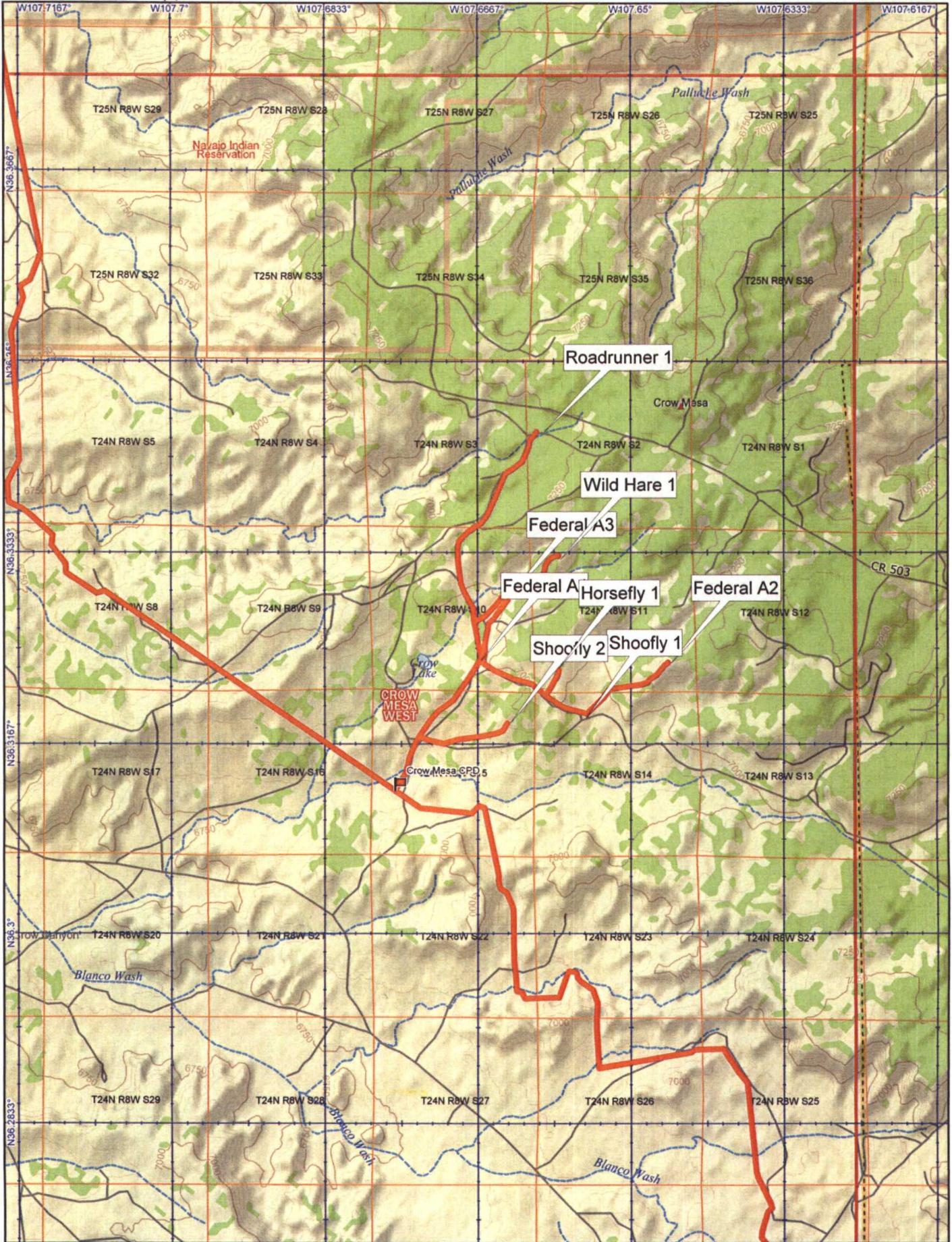
A handwritten signature in black ink, appearing to read "Philana Thompson".

Philana Thompson
Regulatory Compliance Specialist
505-486-1171
pthompson@merrion.bz

cc: Logos Operating, LLC
New Mexico OCD
Farmington BLM

610 Reilly Avenue
Farmington, NM 87401
main 505.324.5300
fax 505.324.5350

#4



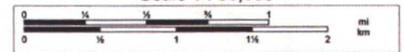
Data use subject to license.

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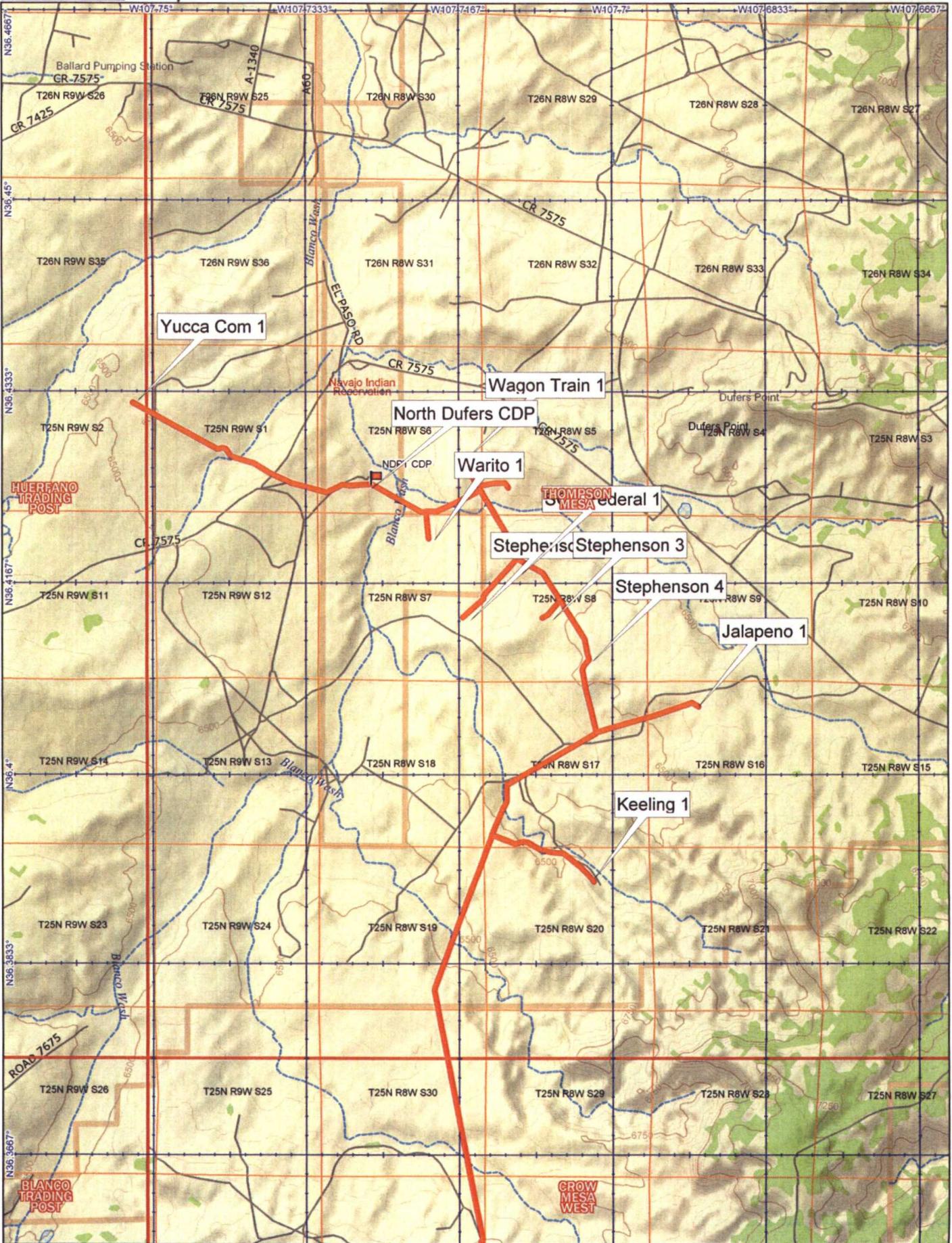


Scale 1 : 50,000



1" = 4,166.7 ft Data Zoom 12-0

#4



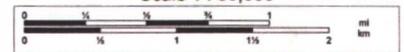
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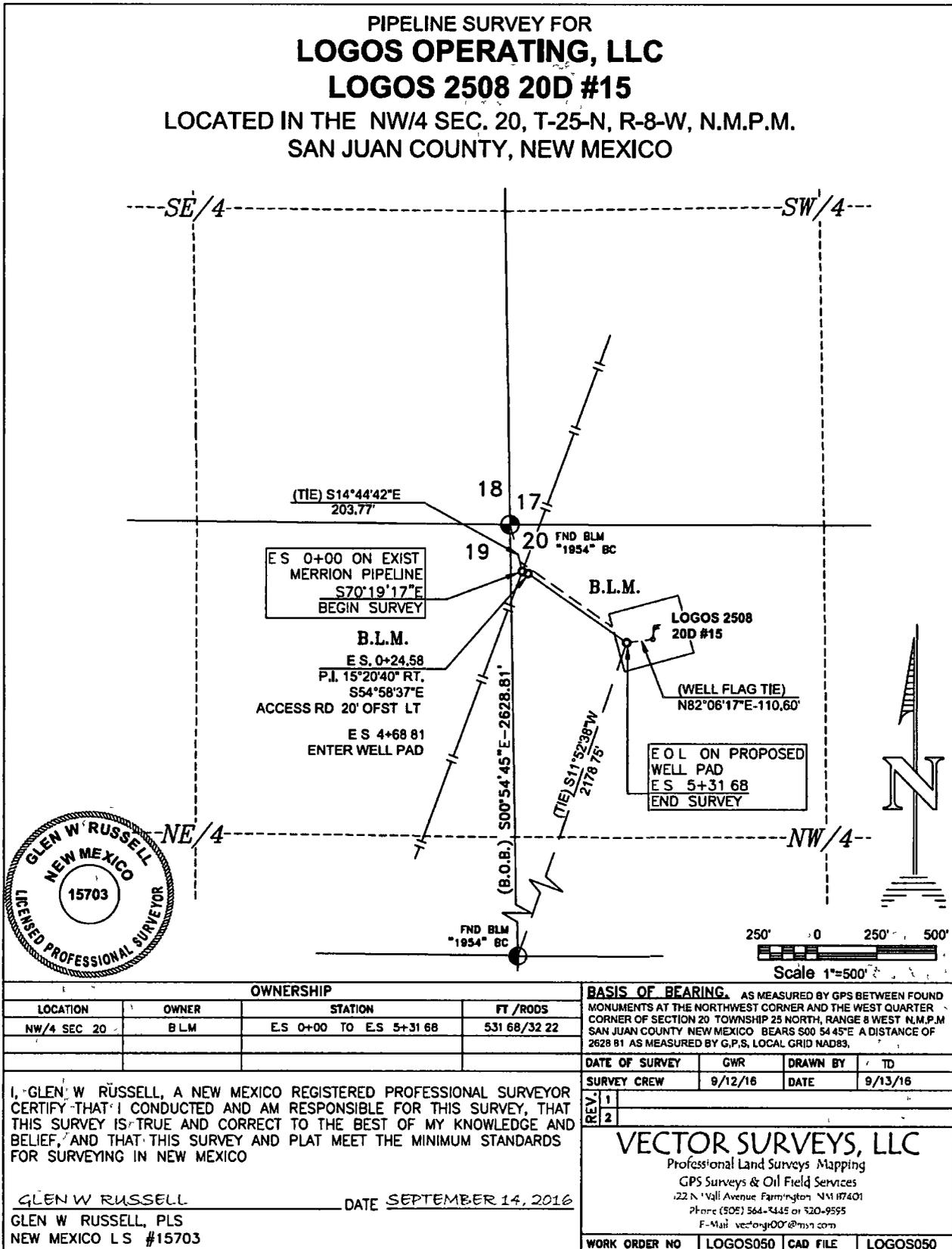
Scale 1 : 50,000



1" = 4,166.7 ft Data Zoom 12-0

Merrion Oil & Gas
 CPD -North Dufers Point # 97133

#5 Schematic Diagram -



Merrion Oil & Gas
 CPD -North Dufers Point # 97133

6 Estimated Monthly Production - Sample Month

Well	API	Lease	Gas Sales Volume MCF @ 14.073	BTU
CPD Sales Meter			8540	1321
✓ Federal A2	30-045-26536	NMNM14580A	611	
Federal A3	30-045-26525	NMNM14580A	343	
Federal A1	30-045-22225	NMNM14580A	467	
✓ Jalapeno 1	30-045-25580	State	303	
✓ Roadrunner 1	30-045-25579	State	266	
✓ Shoofly 1	30-045-26133	NMNM16589	490	
✓ Shoofly 2	30-045-26322	NMNM16589	439	
✓ Stephenson 2	30-045-25931	NMSF078475	239	
✓ Stephenson 3	30-045-25985	NMSF078475	0	
✓ Stephenson 4	30-045-25986	NMSF078475	862	
✓ Wagon Train 1	30-045-25912	NMNM54982	1730	
✓ Wanto 1	30-045-25376	NOOC14205008	663	
Wild Hare 1	30-045-26014	NMNM47167	0	
✓ SOB Federal 1	30-045-25927	NMNM47169	1172	
✓ Horsefly 1	30-045-26310	NMNM014580	536	
✓ Yucca Com 1	30-045-26584	State	1314	
Keeling #1 (test meter)	30-045-05299	NMSF-078474	1405	

Merrion Oil & Gas
 CPD -North Dufers Point # 97133

7 Summary Report

610 REILLY AVENUE, FARMINGTON, NM 87401
 NEW MEXICO OPERATOR'S MONTHLY REPORT (FORM C-115)

DECEMBER, 2016



POOL NAME WELL NAME AND NO.	WELL STATUS	Injection Value	PRODUCTION					DISPOSITION OF GAS					DISPOSITION OF OIL					DTU @ 15.825	DTU @ 14.75
			BOIS OIL/COND PROD	BOIS WTR PROD	GAS PROD (MCF) @ 15.825	DAYS PROD	SOLD (MCF) @ 15.825	TRANS- POR- TER	O T O N E	C O D E	OIL OR HARD AT DEC OF MONTH	BARRELS TO TRANS- PORTER	TRANS- POR- TER	O T O N E	C O D E	OIL OR HARD AT END OF MONTH			
DUFERS POINT-GALLUP DAKOTA																			
30-045-22225	NMNM14580A	Federal A 1	P	104	10	414	26	258	EFS	156	U	379	0	WR	0	483	1307	1282	
30-045-26536	NMNM14580A	Federal A 2	S	0	0	0	0	0	EFS	0	U	171	0	WR	0	171	0	0	
30-045-26310	NMNM14580	Horsefly 1	S	0	0	0	0	0	EFS	0	U	314	0	WR	0	314	0	0	
30-045-25580	State	Jalapeno 1	P	0	0	276	31	102	EFS	174	U	224	0	WR	0	224	1307	1282	
30-045-05299	NMSF078474	Keeling Federal 1	P	30	50	842	31	695	EFS	147	U	145	0	WR	0	175	1307	1282	
30-045-25579	State	Roadrunner 1	P	0	0	211	27	65	EFS	146	U	99	0	WR	0	99	1307	1282	
30-045-25579	NMNM16589	Shoofly 1	P	0	0	105	16	22	EFS	83	U	245	0	WR	0	245	1307	1282	
30-045-26133	NMNM16589	Shoofly 2	S	0	0	0	0	0	EFS	0	U	244	0	WR	0	244	0	0	
30-045-25927	NMNM47169	SOB Federal 1	S	0	0	0	0	0	EFS	0	U	299	0	WR	0	299	0	0	
30-045-25931	NMSF078475	Stephenson Federal 2	S	0	0	0	0	0	EFS	0									
30-045-25985	NMSF078475	Stephenson Federal 3	S	0	0	0	0	0	EFS	0									
30-045-25986	NMSF078475	Stephenson Federal 4 (Revised 2/1/17)	P	6	20	454	30	254	EFS	200									
30-045-25912	NMNM54982	Wagon Train 1	F	5	10	1283	31	1009	EFS	274	U	357	191	WR	2	S	169	1307	1282
30-045-25376	NOOC14205008	Warito 1	P	0	0	199	30	43	EFS	156	U	311	0	WR	0	311	1307	1282	
30-045-26014	NMNM47167	Wild Hare 1	S	0	0	0	0	0	EFS	0	U	89	0	WR	0	89	0	0	
30-045-26584	State	Yucca Com 1	S	0	0	0	0	0	EFS	0	U	150	0	WR	0	150	0	0	
FIELD TOTALS				145	90	3784	222	2448		1336		3027	191			2973			

Merrion Oil & Gas
 CPD -North Dufers Point # 97133

NOVEMBER, 2016

POOL NAME WELL NAME AND NO.	WELL STATUS	Injection		PRODUCTION			DAYS PROD	DISPOSITION OF			DISPOSITION OF OIL					OIL ON HAND AT END OF MONTH	BTU @ 15.025	BTU @ 14.73
		Volume	BBLs OIL/C OND PROD	BBLs WTR PROD	GAS PROD (MCF) @15.025	SOLD (MCF) @ 15.025		TRANSPORTER	OTHER	OIL ON HAND AT BEG OF MONTH	BARRELS TO TRANSPORTER	TRANSPORTER	OTHER	CODE				
30-045-25580	State	Jalapeno 1	P	0	0	283	30	120	EFS	163	U	224	0	WR	0	224	1308	1282
30-045-05299	NMSF078474	Keeling Federal 1	P	28	30	990	30	872	EFS	118	U	117	0	WR	0	145	1308	1282
30-045-25579	State	Roadrunner 1	S	0	0	0	0	0	EFS	0	U	99	0	WR	0	99	0	0
30-045-25579	NMNM16589	Shoofly 1	S	0	0	0	0	0	EFS	0	U	245	0	WR	0	245	0	0
30-045-26133	NMNM16589	Shoofly 2	P	66	0	274	30	112	EFS	162	U	178	0	WR	0	244	1308	1282
30-045-25927	NMNM47169	SOB Federal 1	S	0	0	0	0	0	EFS	0	U	299	0	WR	0	299	0	0
30-045-25931	NMSF078475	Stephenson Federal 2	P	0	0	213	30	58		155								
30-045-25985	NMSF078475	Stephenson Federal 3	S	0	0	0	0	0		0								
30-045-25986	NMSF078475	Stephenson Federal 4	P	46	20	434	30	253		181								
30-045-25912	NMNM54982	Wagon Train 1	F	13	13	1558	30	1321	EFS	237	U	344	0	WR	0	357	1308	1282
30-045-25376	NOOC14205008	Warito 1	P	0	0	229	30	72	EFS	157	U	311	0	WR	0	311	1308	1282
30-045-26014	NMNM47167	Wild Hare 1	S	0	0	0	0	0	EFS	0	U	89	0	WR	0	89	0	0
30-045-26584	State	Yucca Com 1	P	19	0	716	30	501	EFS	215	U	131	0	WR	0	150	1308	1282
30-045-26536	NMNM14580A	Federal A 2	S	0	0	0	0	0	EFS	0	U	171	0	WR	0	171	0	0
30-045-22225	NMNM14580A	Federal A 1	S	0	0	0	0	0	EFS	0	U	379	0	WR	0	379	0	0
FIELD TOTALS					172	63	4697	240	3309		1388		2587	0	0	2713		

47-133



ORIFICE METER

- CALIBRATION
- EQUIPMENT CHANGE
- METER CHANGE

- NEW INSTALLATION
- FIRST DELIVERY----
- ENTERPRISE
- 3RD PARTY

- RECONNECT
- DISCONNECT-----
- TEMPORARY
- PERMANENT

METER NUMBER	TUBE	NAME	DAL	RUN/GROUP
97133	01	North Dupont Point CRD	23C	M2J
BUSINESS PARTY NUMBER		BUSINESS PARTY NAME	FEDERAL LEASE NUMBER	
10281		Merrion Oil & Gas Co	N/A	

DATE	ORIFICE PLATE	TUBE ID	STATIC RANGE	DIFF RANGE	TEMP RANGE
YEAR MONTH DAY HOUR MINUTE					
16 12 10 10 23	00.625	03.069	0500	150	150

STATION FLOW READINGS	DIFFERENTIAL FOUND		STATIC PRESSURE FOUND		ATMOS PRESS	CHART ROTATION	METER TYPE	MAKE	MODEL
	LEFT	RIGHT	LEFT	RIGHT					
	14.0	12.8	180.5	180.5	11.7	024	GFC	BRISTOL	1400
							DRY FLOW	FISHER	

GAS SAMPLING		GAS QUALITY				INSULATED UNION CHECK	
SAMPLE COLLECTED	TYPE	H2O LBS	H2S PPM	N2%	CO2%	<input type="checkbox"/> GOOD	<input type="checkbox"/> NONE
<input checked="" type="checkbox"/> YES	<input checked="" type="checkbox"/> SPOT		0.0			<input type="checkbox"/> BAD	<input type="checkbox"/> JUMPER
<input type="checkbox"/> NO	<input type="checkbox"/> COMPOSITE						

ORIFICE PLATE / METER TUBE									
FITTING TYPE	TAP TYPE	STATIC CONNECTION	BEVEL DOWNSTREAM	PLATE CENTERED	CLEAN	EDGES SHARP	PLATE BOWED	SEAL RING/ GASKET	TORQUE VALUE
<input checked="" type="checkbox"/> FLANGE	<input type="checkbox"/> JUNIOR	<input checked="" type="checkbox"/> FLANGE	<input checked="" type="checkbox"/> DOWNSTREAM	<input type="checkbox"/> YES	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> YES	<input type="checkbox"/> OK	<input checked="" type="checkbox"/> REPLACED
<input type="checkbox"/> SENIOR		<input type="checkbox"/> UPSTREAM	<input type="checkbox"/> NO	<input type="checkbox"/> NO	<input type="checkbox"/> NO	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> NO	<input type="checkbox"/> BAD	150#

DIFFERENTIAL PRESSURE CALIBRATION							AVG FLOWING DIFF	
TEST VALUE	0.00	75	150	125	25	0.00	50	
AS FOUND	0.03	75.05	150.07	125.07	25.05	0.02	50.08	
AS LEFT	0.03	75.05	150.07	125.07	25.05	0.02	50.08	

STATIC PRESSURE CALIBRATION					IN UNITS OF <input checked="" type="checkbox"/> PSIA <input type="checkbox"/> PSIG	
TEST VALUE	0	500	180	0		
AS FOUND	-0.2	500.1	180.1	-0.2		
AS LEFT	-0.2	500.1	180.1	-0.2		

THERMOMETER CALIBRATION		
TEST VALUE	59.8°	
AS FOUND	64.7°	
AS LEFT	59.8°	

EQUIPMENT CHANGE			
INSTALLED		REMOVED	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

METER CHANGE		
INSTALLED		REMOVED
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

REMARKS

WITNESSED BY

REPRESENTING

ENTERPRISE EMPLOYEE

PRINTED NAME: ERNIE JACQUEZ

ENTERPRISE FIELD SERVICES LLC (SAN JUAN)
 Preparer Code 135476534
 Statement Title Measurement Monthly Summary Statement
 MEAS Contact JENNIFER KENNEDY (505)599-3205
 STMT Contact MARCUS WARE (713)381-7816

Accounting/Production Period 12/2016
 BTU Basis Dry
 Reporting Basis MCF @ 14 730

MERRION OIL & GAS CORP
 Recipient Code 014510408
 Location Code NA
 Report Date/Time 01/11/2017 10 43
 Statement Type Original

DRN

On Date	Off Date	Meter	Location Code	Name	Gas Analysis	Volume State	PB	PB	Type Code	Volume MCF	Energy DTH	BTU	Press PSIA	Temp F	Flow Time HR					
12/01/2016	07 00	01/01/2017	07 00	02396 01	02396	DRN	NORTH LINDRITH COM 1	02396		1,044	15	025	ACT		1,065	1,375	1289	30 5	36 3	500 9
12/01/2016	07 00	01/01/2017	07 00	02893 01	02893	DRN	DELHI TAYLOR DK/GL	02893		2,726	15	025	ACT		2,781	3,613	1298	29 7	39 1	724 6
12/01/2016	07 00	01/01/2017	07 00	03838 01	03838	DRN	DELHI-TAYLOR	03838		1,209	15	025	ACT		1,233	1,900	1541	33 7	39 1	732 9
12/01/2016	07 00	01/01/2017	07 00	14089 01	14089	DRN	CANADA MESA COM #4	14089		2,026	15	025	ACT		2,067	2,632	1273	92 6	48 5	134 6
12/01/2016	07 00	01/01/2017	07 00	14090 01	14090	DRN	CANADA MESA COM #4E	14090		2,785	15	025	ACT		2,841	3,380	1189	91 3	44 6	194 0
12/01/2016	07 00	01/01/2017	07 00	72711 01	72711	DRN	BLACKROCK C #1	72711		1,667	15	025	ACT		1,700	2,599	1528	68 0	52 3	740 7
12/01/2016	07 00	01/01/2017	07 00	72935 01	72935	DRN	EDNA 2/3R CPD	72935		0	15	025	ACT		0	0	0	0 0	0 0	0 0
12/01/2016	07 00	01/01/2017	07 00	73017 01	73017	DRN	WESTERN C #1	73017		1,728	15	025	ACT		1,763	2,456	1393	67 7	46 8	725 4
12/01/2016	07 00	01/01/2017	07 00	73098 01	73098	DRN	BLACKROCK D #1R	73098		1,209	15	025	ACT		1,233	1,823	1483	66 2	41 4	724 3
12/01/2016	07 00	01/01/2017	07 00	73154 01	73154	DRN	KATHERINE PIERCE COM	73154		733	15	025	ACT		748	871	1162	110 0	34 5	59 5
12/01/2016	07 00	01/01/2017	07 00	75602 01	75602	DRN	FIELDS #2	75602		943	15	025	ACT		962	1,152	1202	87 2	34 3	719 9
12/01/2016	07 00	01/01/2017	07 00	75638 01	75638	DRN	FIELDS #1	75638		198	15	025	ACT		202	237	1192	88 7	45 1	682 1
12/01/2016	07 00	01/01/2017	07 00	83058 01	83058	DRN	WESTERN #1 THRU #5	83058		2,867	15	025	ACT		2,924	4,056	1387	29 5	41 0	725 3
12/01/2016	07 00	01/01/2017	07 00	83153 01	83153	DRN	CHARTIER #1	83153		853	15	025	ACT		870	1,379	1579	29 6	36 7	731 5
12/01/2016	07 00	01/01/2017	07 00	83154 01	83154	DRN	FRONTIER #1	83154		1,411	15	025	ACT		1,439	2,037	1416	35 1	36 0	736 5
12/01/2016	07 00	01/01/2017	07 00	83169 01	83169	DRN	SULLIVAN A #2	83169		1,202	15	025	ACT		1,226	1,923	1568	30 5	40 0	737 2
12/01/2016	07 00	01/01/2017	07 00	85698 01	85698	DRN	FEATHERSTONE FEDERAL	85698		1,347	15	025	ACT		1,374	1,699	1240	44 7	42 7	195 1
12/01/2016	07 00	01/01/2017	07 00	85744 01	85744	DRN	MONCRIEF 1R	85744		0	15	025	ACT		0	0	0	0 0	0 0	0 0
12/01/2016	07 00	01/01/2017	07 00	86200 01	86200	DRN	NELSON A #2	86200		2,313	15	025	ACT		2,359	3,309	1404	30 0	40 2	741 1
12/01/2016	07 00	01/01/2017	07 00	87090 01	87090	DRN	FIELDS COM #1	87090		853	15	025	ACT		870	1,025	1181	87 3	37 1	742 4
12/01/2016	07 00	01/01/2017	07 00	88102 01	88102	DRN	BLACKROCK C #1E	88102		344	15	025	ACT		351	487	1387	64 9	34 2	435 4
12/01/2016	07 00	01/01/2017	07 00	88421 01	88421	DRN	FIFIELD #1Z	88421		0	15	025	ACT		0	0	0	0 0	0 0	0 0
12/01/2016	07 00	01/01/2017	07 00	88439 01	88439	DRN	PIEDRA VISTA #1Z	88439		1,402	15	025	ACT		1,430	1,669	1166	147 4	47 1	51 2
12/01/2016	07 00	01/01/2017	07 00	88497 01	88497	DRN	HEIGHTS #1Z	88497		2,809	15	025	ACT		2,865	3,400	1187	149 8	41 3	116 4
12/01/2016	07 00	01/01/2017	07 00	90483 01	90483	DRN	NORTH LINDRITH COM #	90483		1,870	15	025	ACT		1,907	2,457	1289	45 2	43 0	214 2
12/01/2016	07 00	01/01/2017	07 00	92019 01	92019	DRN	STATE PAT #1 MV	92019		11,175	15	025	ACT		11,399	13,605	1194	92 6	74 0	567 7
12/01/2016	07 00	01/01/2017	07 00	92296 01	92296	DRN	FEDERAL 29 1E	92296		0	15	025	ACT		0	0	0	0 0	0 0	0 0
12/01/2016	07 00	01/01/2017	07 00	92297 01	92297	DRN	HICKMAN A 1R	92297		1,762	15	025	ACT		1,797	2,546	1419	30 5	37 9	735 7
12/01/2016	07 00	01/01/2017	07 00	92414 01	92414	DRN	DUGATOMI #1	92414		164	15	025	ACT		167	258	1540	31 1	36 4	697 7
12/01/2016	07 00	01/01/2017	07 00	93111 01	93111	DRN	CANADA MESA #2E	93111		1,627	15	025	ACT		1,660	1,987	1199	96 3	40 8	58 8
12/01/2016	07 00	01/01/2017	07 00	93112 01	93112	DRN	CANADA MESA #1E	93112		1,985	15	025	ACT		2,025	2,555	1264	93 1	40 2	91 9
12/01/2016	07 00	01/01/2017	07 00	93966 01	93966	DRN	FEDERAL 29 #1	93966		0	15	025	ACT		0	0	0	0 0	0 0	0 0
12/01/2016	07 00	01/01/2017	07 00	94119 01	94119	DRN	FEDERAL 20 #1R	94119		899	15	025	ACT		917	1,199	1305	66 1	41 4	701 2
12/01/2016	07 00	01/01/2017	07 00	94693 01	94693	DRN	FEDERAL 28 #2	94693		733	15	025	ACT		748	975	1296	66 0	45 3	743 1
12/01/2016	07 00	01/01/2017	07 00	95268 01	95268	DRN	CARNAHAN COM #2 DK	95268		1,855	15	025	ACT		1,892	2,398	1266	86 6	37 1	126 7
12/01/2016	07 00	01/01/2017	07 00	95291 01	95291	DRN	FEDERAL 28 #2E DK	95291		0	15	025	ACT		0	0	0	0 0	0 0	0 0
12/01/2016	07 00	01/01/2017	07 00	95292 01	95292	DRN	FEDERAL 20 #1E DK	95292		483	15	025	ACT		493	629	1275	67 4	45 6	445 7
12/01/2016	07 00	01/01/2017	07 00	95850 01	95850	DRN	FEDERAL #29-2E	95850		0	15	025	ACT		0	0	0	0 0	0 0	0 0
12/01/2016	07 00	01/01/2017	07 00	95940 01	95940	DRN	CANADA MESA #3E GL	95940		3,195	15	025	ACT		3,259	3,876	1190	99 9	28 8	177 5
12/01/2016	07 00	01/01/2017	07 00	97133 01	97133	DRN	NORTH DUFERS POINT C	97133		2,448	15	025	ACT		2,497	3,201	1282	193 0	41 2	658 2
12/01/2016	07 00	01/01/2017	07 00	97138 01	97138	DRN	P5 LATERAL CPD	97138		30,542	15	025	ACT		31,154	34,787	1117	107 8	53 0	741 7
12/01/2016	07 00	01/01/2017	07 00	97395 01	97395	DRN	MONCRIEF COM #1E GL	97395		0	15	025	ACT		0	0	0	0 0	0 0	0 0
12/01/2016	07 00	01/01/2017	07 00	97483 01	97483	DRN	OSBORN #1 FT	97483		2,175	15	025	ACT		2,219	2,244	1012	113 1	39 5	716 4
12/01/2016	07 00	01/01/2017	07 00	97733 01	97733	DRN	IREL STATE #1R	97733		19,976	15	025	ACT		20,376	22,928	1125	103 8	45 9	744 0
12/01/2016	07 00	01/01/2017	07 00	97798 01	97798	DRN	BLUEBERRY BUCKLE #1	97798		6,272	15	025	ACT		6,398	6,946	1085	89 8	62 0	589 9
12/01/2016	07 00	01/01/2017	07 00	98085 01	98085	DRN	KATY COM #1	98085		2,893	15	025	ACT		2,951	2,917	989	110 2	51 1	742 8
12/01/2016	07 00	01/01/2017	07 00	98231 01	98231	DRN	FEATHERSTONE FEDERAL	98231		1,546	15	025	ACT		1,577	1,973	1251	43 8	39 9	154 8
12/01/2016	07 00	01/01/2017	07 00	98264 01	98264	DRN	CHUCKY #3	98264		0	15	025	ACT		0	0	0	0 0	0 0	0 0
12/01/2016	07 00	01/01/2017	07 00	98356 01	98356	DRN	BLACKSHAWL COM #1	98356		0	15	025	ACT		0	0	0	0 0	0 0	0 0

Energy Resources Analytical BTU Report (505)486-2599

Sample Information

Sample Information	
Sample Name	North Duffers CPD
Company Name	Merrion
Well	North Duffers CPD
Flowing temp	79.4
Flowing Press	274.3
Diff Pressure	13.3
Method Name	GSA 3C
Operator	Reyes Marin
Injection Date	10/3/2010 12:00:01 PM
Report Date	10/03/2010 12:04:46 PM
BTU Configuration File	GPA 2145-03 ERAnalytical.cfg
Data Source	Cerity data system connection
Instrument	G2801AGC - CN10929001
Data Saved To	North Duffers CPD-20101003-120446.btu

Component Results

Component Name	Ret Time	Peak Area	Normalized Mole%	Heating Value (Btu / cu. ft)	Molar Mass Ratio (G)	GPM (Gal / 1000 cu ft)
Nitrogen	0.217	10663	0.628	0.000	0.0061	0.0691
Methane	0.226	563860	74.797	757.194	0.4144	12.6773
Carbon Dioxide	0.308	10005	0.834	0.000	0.0127	0.1414
Ethane	0.375	149602	11.726	207.988	0.1217	3.1338
Hydrogen Sulfide	0.000	0	0.000	0.000	0.0000	0.0000
Propane	1.165	118000	7.560	190.667	0.1151	2.0815
i-Butane	0.416	50385	0.857	27.934	0.0172	0.2803
n-Butane	0.440	129695	2.171	71.000	0.0436	0.6845
i-Pentane	0.519	32380	0.498	19.959	0.0124	0.1821
n-Pentane	0.551	30931	0.464	18.639	0.0116	0.1680
Hexanes Plus	1.174	34320	0.466	23.957	0.0150	0.2022
Total			100.000	1317.340	0.7697	19.6202

Results Summary

Result	Dry	Sat
Total Unnormalized Mole%	105.618	
Pressure Base (psia)	14.730	
Water Mole%	-	1.740
Gross Heating Value (Btu / Ideal cu ft)	1317.340	1294.413
Gross Heating Value (Btu / Real cu ft)	1322.757	1300.290
Real Relative Density	0.77255	0.77030
Gas Compressibility (Z) Factor	0.99590	0.99548

Merrion Oil & Gas
 CPD - North Dufers Point # 97133

#8 Measurement and Allocation Methods and Formulas

Date: 5/31/2017

MERRION OIL & GAS CORPORATION - - NORTH DUFERS POINT CPD - - #97133

June, 2013

Well Name	Chart Volume MCF @ 14.73	Prod. Days	Chart Days	A/P WELL	Lease, Unit or CA ID #	Wellhead Mfr Inleg* MCF	Volume Ratio	Allocated MCF Sold @ 14.73 psi	Wellhead BTU/ct	Wellhead Measured MMBTU	MMBTU Ratio	Allocated Sales MMBTU	System Usage (MCF)	Allocated Production (MCF)	Allocated Average MMBTU/ct	Allocated MCF Sold @ 15.025
Federal A1	ON	531	30	30	30-045-22225	NM-014580-A	0.052	375	1424	756	0.056	526	0	375	1.400	368
Federal A2	ON	429	30	30	30-045-25535	NM-014580-A	0.042	303	1349	579	0.042	402	0	303	1.326	297
Federal A3	ON	30	1	1	30-045-25525	NM-014580-A	0.003	21	1424	43	0.003	30	0	21	1.400	21
Horsefly 1	ON	360	30	30	30-045-25310	NM-014580	0.036	255	1362	490	0.036	341	0	255	1.339	250
Roadrunner 1	ON	110	30	30	30-045-25570	LG-1028	0.011	78	1361	150	0.011	104	0	78	1.338	76
Shoofly 1	ON	317	30	30	30-045-25130	NM-15550	0.031	224	1378	437	0.032	304	0	224	1.355	220
Shoofly 2	ON	270	30	30	30-045-25322	NM-15550	0.027	191	1390	375	0.028	261	0	191	1.367	187
Wildhare 1	ON	95	30	30	30-045-25014	NM-47557	0.009	67	1353	129	0.009	89	0	67	1.330	66
Total		3,045	30	30			0.301	2153	1339	4077	0.299	2,834	0	2153	1.317	2,111
Jalapeno 1	ON	145	30	30	30-045-25580	LG-1028	0.014	103	1339	194	0.014	135	0	103	1.317	101
SOB Federal 1	ON	948	30	30	30-045-25527	NM-47550	0.094	670	1493	1415	0.104	994	0	670	1.468	657
Stephenson 2	ON	85	30	30	30-045-25531	SF-0179475	0.008	60	1240	105	0.008	73	0	60	1.219	59
Stephenson 3	ON	6	1	1	30-045-25585	SF-0179475	0.001	4	1354	8	0.001	6	0	4	1.331	4
Stephenson 4	ON	661	30	30	30-045-25588	SF-0179475	0.065	467	1273	841	0.062	585	0	467	1.252	458
Wagon Train 1	ON	1,545	30	30	30-045-25012	NM-45552	0.152	1,092	1287	1988	0.146	1,382	0	1,092	1.265	1,071
Warrio Com 1	ON	477	30	30	30-045-25375	NCO-C-8030	0.047	337	1314	627	0.046	436	0	337	1.292	331
Yucca Com 1	ON	1,079	30	30	30-045-25558	LG-3495	0.106	763	1301	1404	0.103	976	0	763	1.279	748
Total		10,133						10,133		13,619		12,301	0	9,317		9,134

(Check) (Check) (Check)

CPD METER TOTAL N DUFERS POINT @ 14.73	7,164	@ 15.025
MMBTU SOLD FROM CPD	9,467	7023
CPD, BTU/SCF	1321.000	
CPD Gas Usage:	0	

COMPRESSOR AND DRIP LIQUID ALLOCATION

MINIMUM BTU = 1,050 BTU/SCF
 PRODUCT BTU/CAL = 100,000 BTU/CAL
 MONTHLY PROD = 10 BBLs
 MONTHLY SALES = 0.00 BBLs

MONTH: June, 2013

TOTAL DOLLARS REC. (\$) \$0.00 \$0.00 \$0.00

PROPERTY	BEGINNING INVENTORY BBLs	PROD INVENTORY BBLs	THEORETICAL PROD BBLs	ALLOC PROD BBLs BASED ON THEOR.	ALLOC SALES	ENDING INVENTORY BBLs	ALLOC SALES (\$) BASED ON INVENTORY	ALLOC SALES (\$) BASED ON INVENTORY	ALLOC SALES (\$) BASED ON INVENTORY	#REF:
Federal A1	ON	338	338	33	1	0	339	\$0.00	\$0.00	\$0.00
Federal A2	ON	0	0	21	1	0	1	\$0.00	\$0.00	\$0.00
Federal A3	ON	0	0	2	0	0	0	\$0.00	\$0.00	\$0.00
Horsefly 1	ON	0	0	19	1	0	1	\$0.00	\$0.00	\$0.00
Roadrunner 1	ON	0	0	5	0	0	0	\$0.00	\$0.00	\$0.00
Shoofly 1	ON	0	0	17	0	0	0	\$0.00	\$0.00	\$0.00
Shoofly 2	ON	0	0	15	0	0	0	\$0.00	\$0.00	\$0.00
Wildhare 1	ON	0	0	5	0	2	(2)	\$0.00	\$0.00	\$0.00
Jalapeno 1	ON	0	0	7	0	0	0	\$0.00	\$0.00	\$0.00
SOB Federal 1	ON	0	0	70	2	0	2	\$0.00	\$0.00	\$0.00
Stephenson 2	ON	0	0	3	0	0	0	\$0.00	\$0.00	\$0.00
Stephenson 3	ON	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00
Stephenson 4	ON	0	0	24	1	0	1	\$0.00	\$0.00	\$0.00
Wagon Train 1	ON	0	0	61	2	0	2	\$0.00	\$0.00	\$0.00
Warrio Com 1	ON	0	0	21	1	0	1	\$0.00	\$0.00	\$0.00
Yucca Com 1	ON	0	0	45	1	0	1	\$0.00	\$0.00	\$0.00
TOTAL		338	338	347	10	0	346	\$0.00	\$0.00	\$0.00

Merrion Oil & Gas
CPD -North Dufers Point # 97133

8a

Beneficial Fuel Usage Calculations

Fuel for equipment is calculated based on the equipment in use at each well. These wells will have a combined cold separator that uses no fuel and a pumping unit. The fuel use for the equipment is calculated as follows:

Pumping Units:

$$\begin{aligned} & 12 \text{ hp} * 10 \text{ SCF/hphr} * 24 \text{ hrs/day} && \text{(based on 1,100 BTU/SCF per} \\ & && \text{Practical Petroleum Engineer's} \\ & && \text{Handbook by Zaba \& Doherty)} \\ & = 2,880 \text{ SCFD} && \\ & \text{Approximately 3 MCFD} && \text{(90 MCFM)} \end{aligned}$$

Separators:

$$\begin{aligned} & \frac{500,000 \text{ BTU/hr} * 25\% \text{ on line} * 24 \text{ hrs}}{1000 \text{ BTU/SCF} * 70\% \text{ eff.}} \\ & = 2,143 \text{ SCF} \\ & \text{Approximately 2 MCFD} && \text{(60 MCFM)} \end{aligned}$$

Fuel for the central compression equipment is calculated based of the horsepower rating of the engine.

Compressor:

$$\begin{aligned} & \frac{125 \text{ BHP} * 8,500 \text{ BTU?BHPhr} * 24 \text{ hr}}{1,253 \text{ BTU/SCF}} \\ & = 20,351 \text{ SCF} \\ & 20.351 \text{ MCFD} * 30.4 \text{ days/month} \\ & \underline{619 \text{ MCFM}} \end{aligned}$$

Merrion Oil & Gas
CPD -North Dufers Point # 97133

8b Estimated Vented Volumes for Gas Wells - not normal operating conditions,
gas vented in upset conditions only.

Example only - not actual data

Example only - not actual data

FILE: VENTDATA
MONTH: EXAMPLE ONLY
NOT ACTUAL DATA

ESTIMATED VENTED VOLUMES
FOR GAS WELLS

WELL
TYPE VENTING
CYCLES/DAY
VENT TIME/CYCLE (HR)
TUBING VOLUME VENTED
SIZE
DEPTH
CAPACITY (FT³/FT)
TBG VOL (FT³)
INITIAL PRESS
INITIAL Bg (MCF/FT³)
INITIAL VOL (MCF)
FINAL PRESS
FINAL Bg (MCF/FT³)
FINAL VOL (MCF)
VENTED VOL (MCF)
TOTAL VOLUME VENTED
VOL/CYCLE (MCF)
VOL/DAY (MCF)

Wagon Train #1
UPSET
1
0.25

2 3/8"
1478
0.02171
32.1
50
0.0033
0.1
12
0.0008
0
0.1

0.1
0.1

Merrion Oil & Gas
CPD -North Duffers Point # 97133

#9

Evidence of Proper Allocation

Merrion Oil & Gas (MOG) will allocate production from the North Duffers Point CPD on a monthly basis. An example of the monthly allocation sheet is shown on attachment 8

The figures are reconciled based on the spreadsheet example in the latest allocation method approved by the MMS.

Royalties are paid to the Minerals Management Service through the MOG accounting department after the production allocation is determined. Royalty payments are calculated on an individual well basis, thus the accounting is accurate as long as the correct production allocation and royalty rates are entered into the system.

Merrion Oil & Gas
CPD -North Dufers Point # 97133

10

Economic Evaluation:

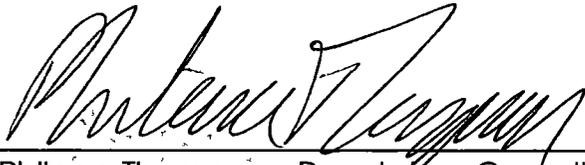
The wells are marginal and therefore central compression is needed to keep well head pressures low. It would be cost prohibitive to have individual wellhead compression on each well.

Merrion Oil & Gas
CPD -North Dufers Point # 97133

11

SIGNATURE PAGE

We request approval to add the Logos 2508 20D # 15 to the existing CPD.



Philana Thompson, Regulatory Compliance Spec.

5/31/17
Date

Mike C Abraham P O Box 25123 Albuquerque, NM 87125	Pennies From Heaven LLC Bank Of America, N A PO Box 840738 Dallas, TX 75284-0738	RHB Enterprises, LLC C/O Reynolds, Hix & Co, PA 6729 Academy Road NE, Suite D Albuquerque, NM 87109
The Greg & Nancy Vance Family Limited Partnership 8080 N Central Exprsway, Ste1090 Dallas, TX 75206	WCB Investments, LLC C/O Reynolds, Hix & Co, PA 6729 Academy Road NE, Suite D Albuquerque, NM 87109	BP America Production P O Box 277897 Atlanta, GA 30384-7897
Ceefam LLC Little Oil & Gas, Agent P O Box 1258 Farmington, NM 87499	Energen Resources Corp Attn Cindy Russo 605 Richard Arrington Jr Blvd North Birmingham, AL 35203-2707	Harold Yaffee PO Box 4511 Sioux City, IA 51104
Mike C Abraham P O Box 25123 Albuquerque, NM 87125	Pennies From Heaven LLC Bank Of America, N A PO Box 840738 Dallas, TX 75284-0738	Potenziani Family Partnership Frank A Potenziani P O Box 676370 Rancho Santa Fe, CA 92067-6370
R B Nielsen Trust 1200 Danbury Drive Mansfield, TX 76063	RHB Enterprises, LLC C/O Reynolds, Hix & Co, PA 6729 Academy Road NE, Suite D Albuquerque, NM 87109	Robert Umbach Cancer Foundation Zia Data Search Corporation, Agent P O Box 2188 Roswell, NM 88202-2188
Tedde Birkhead 1732 Larry Hinson El Paso, TX 79936	WWR Enterprises C/O Petroleum Asset Management P O Box 745 Hobbs, NM 88241	WCB Investments, LLC C/O Reynolds, Hix & Co, PA 6729 Academy Road NE, Suite D Albuquerque, NM 87109
BP America Production P O Box 277897 Atlanta, GA 30384	Energen Resources Corp 605 Richard Arrington Jr Blvd North Birmingham, AL 35203-2707	Marcia L Berger Educational Foundation C/O Petroleum Asset Management LLC Agent P O Box 745 Hobbs, NM 88241
Potenziani Family Partnership Frank A Potenziani P O Box 676370 Rancho Santa Fe, CA 92067-6370	R B Nielsen Trust 1200 Danbury Drive Mansfield, TX 76063	Robert Umbach Cancer Foundation Zia Data Search Corporation, Agent P O Box 2188 Roswell, NM 88202-2188
WWR Enterprises C/O Petroleum Asset Management P O Box 745 Hobbs, NM 88241	Elliott A Riggs P O Box 711 Farmington, NM 87499	Adelante Oil & Gas LLC PO Box 2471 Durango, CO 81302
Columbine II Limited Partnership P O Box 22854 Denver, CO 80222	Dennis R Reimers & Teresa M Reimers 1594 Cactus Drive Bayfield, CO 81122	Dr Charles A McAdams, MD 1912 Cindy Lane Denton, TX 76201



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Farmington Field Office
1235 La Plata Highway, Suite A
Farmington, New Mexico 87401

IN REPLY REFER TO
3162 7-3
North Dufers Point CDP

Merrion Oil and Gas
Attn: Connie Dinning
610 Reilly Avenue
Farmington, New Mexico 87401

SEP - 9 1999

Dear Ms Dinning

Reference is made to your application for surface commingling and off-lease measurement and sales of gas and associated liquid hydrocarbons from the North Dufers Point/Crow Mesa Central Delivery Point (CDP). You propose to measure production at the El Paso Field Services meter No. 97133 at the following location:

SWSW section 6, T. 25N., R. 8W., Rio Arriba County, New Mexico.

Your application indicates that measurement at a central delivery point is necessary to effectively and economically operate these wells and extend the economic life of the properties. We have reviewed your application and the supplemental information you supplied and concur with these findings. As such, you are hereby authorized to measure natural gas and associated liquid hydrocarbons in accordance with the procedures outlined in your application. The following are conditions of this approval:

- Allocation methodology must be made on an MMBTU basis. By January 1, 2000, file a report of wellhead versus allocated volumes and MMBTUs for each well under this approval. This report must include the previous three months of production for our review.
- Measurement of gas and associated liquid hydrocarbons at the CDP must be conducted in accordance with the requirements outlined in Onshore Order No. 3, Site Security, Onshore Order No. 4, Oil Measurement, and Onshore Order No. 5, Gas Measurement.
- In order to prevent waste and conserve natural gas, periodic review of each well's venting procedures must be conducted in accordance with the requirements outlined in NTL-ADO-93-1.
- No other wells can be added to this system of measurement without the prior approval of this office.
- Contact this office in the event of any lost hydrocarbons between the wells and the central delivery point.

Failure to operate this facility in accordance with the conditions outlined above may subject this approval to revocation. In addition, this office reserves the right to rescind this approval should future evaluation of this method of measurement indicate that federal royalties would be reduced.

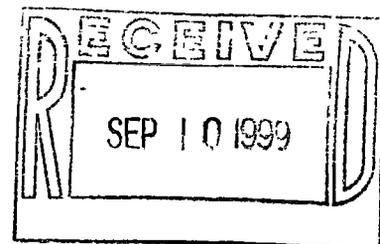
Attached is a list of the wells recognized as contributing to the North Dufers Point/Crow Mesa CDP. If you have any questions regarding the above, contact Jim Lovato at (505) 599-6367.

Sincerely,

Errol Becher
Acting Team Leader, Petroleum Management Team

Attachment (List of Contributing wells)

cc FIMO



Merrion Oil & Gas
CPD -North Dufers Point # 97133

REQUEST FOR APPROVAL TO ADD:
Logos 2508 20D #15 operated by Logos
TO THE EXISTING COMBINED
OFF LEASE PRODUCTION

1

Merrion Oil & Gas Corporation hereby requests approval to add the Logos 2508 20D # 15 to the existing North Dufers CPD # 97133 approved 9/9/1999, in San Juan County, New Mexico.

A description of the existing system, including the mechanical components, flowline routing and allocation methods is enclosed.

List of attachments:

1. Formal Request to add the Logos 2508 20D # 15
2. List of all wells and connection date to CPD
3. Description of Current Operations, including pipe specs and meter calibration information.
4. Area Map - Individual well locations and compressor station location.
5. Schematic Diagram
6. Estimated monthly production
7. Summary report (Table B)
 - a. Gas Analysis Reports for sample months
 - b. Meter Inspection Reports
 - c. Chart Integration Reports
 - d. The individual well integration statements on the Federal A tank Battery are not available as products are allocated based on test information from the meter located at the Battery.
8. Measurement and Allocation methods and formulas
 - a. Beneficial Fuel Usage Calculations
 - b. Estimated Vented Volumes for Gas Wells
9. Evidence of Proper Allocation
10. Economic Evaluations
11. Signature Page for Participating Operators.

Merrion Oil & Gas
CPD -North Dufers Point # 97133

#2 List of All Wells and Connection Date to the CPD

Well	API	Lease	Lline N/S	Lline E/W	Sec	TNSP	RNG	Lat	Long	Meter #	Connected to CPD
CPD Meter										97-133	
Federal A2	30-045-26536	NMNM14580A	940S	790E	11	24-N	8-W	N36*19.432'	W107*38.733'	Chart	1/1/1992
Federal A3	30-045-26525	NMNM14580A	2270N	790E	10	24-N	8-W	N36.329242	W107.663444	Chart	1/1/1992
Federal A1	30-045-22225	NMNM14580A	970S	1700E	10	24-N	8-W	N36*19.444'	W107*39.955'	Chart	1/1/1992
Jalapeno 1	30-045-25580	State	790N	1650W	16	25-N	8-W	N36*24.358'	W107*41.439'	Chart	1/1/1992
Roadrunner 1	30-045-25579	State	2310N	330W	2	24-N	8-W	N36*20.628'	W107*39.593'	Chart	1/1/1992
Shoofly 1	30-045-26133	NMNM16589	790N	1650W	14	24-N	8-W	N36*19.141'	W107*39.291'	Chart	1/1/1992
Shoofly 2	30-045-26322	NMNM16589	970N	790E	15	24-N	8-W	N36*19.115'	W107*39.790'	Chart	1/1/1992
Stephenson 2	30-045-25931	NMSF078475	1960S	660E	7	25-N	8-W	N36*24.814'	W107*42.985'	Chart	1/1/1992
Stephenson 3	30-045-25985	NMSF078475	1980S	1980W	8	25-N	8-W	N36*24.816'	W107*42.442'	Chart	1/1/1992
Stephenson 4	30-045-25986	NMSF078475	1660S	1980E	8	25-N	8-W	N36*24.600'	W107*42.173'	Chart	1/1/1992
Wagon Train 1	30-045-25912	NMNM54982	1750S	820E	6	25-N	8-W	N36*25.637'	W107*42.996'	Chart	1/1/1992
Warito 1	30-045-25376	NOOC14205008	790N	1810E	7	25-N	8-W	N36*25.233'	W107*43.216'	Chart	1/1/1992
Wild Hare 1	30-045-26014	NMNM47167	970N	970W	11	24-N	8-W	N36*19.973'	W107*39.461'	Chart	1/1/1992
SOB Federal 1	30-045-25927	NMNM47169	1850N	990W	8	25-N	8-W	N36*25.056'	W107*42.649'	Chart	1/1/1992
Horsefly 1	30-045-26310	NMNM014580	790S	790W	11	24-N	8-W	N36*19.400'	W107.39.471'	Chart	1/1/1992
Yucca Com 1	30-045-26584	State	1850N	790E	2	25-N	9-W	N36*25.942'	W107*45.157'	Chart	1/1/1992
Keeling #1	30-045-05299	NMSF078474	990N	1750E	20	25-N	8-W	N36.390934	w-107.7019274	Chart	

Red indicates Crow Mesa Area (T24N R8W), all others (T25N R8/9W) are North Dufers Point Area

Merrion Oil & Gas
CPD -North Dufers Point # 97133

3 DESCRIPTION OF CURRENT OPERATIONS

The North Dufers Point, Crow Mesa compressor station began operation in early 1992. All of the wells that are currently behind the CPD were connected to the compressor at that time. A list of the wells that are currently connected to the CPD are attached. There are currently 17 wells which produce to this CPD, and they are all in the Dufers Point Gallup/Dakota pool except for the Federal A2, which is in the Escrito Gallup pool. The wells on the north end of the line (T25N R8/9W) are designated as the North Dufers Point area. The wells on the southern end of the line (T24N R8W) are in the Crow Mesa Area.

The gathering system for all the lines consists of several different piping configurations and sizes. The specifics are listed in attachment # 5. The routing of the flowlines is shown on the attached topographic and survey maps in attachments # 5.

The compressor takes suction from the gathering system at 60-70 psig. There is an NGL scrubber on the compressor skid. Liquid from the scrubber flows to a 400 bbl storage tank. Any water in the NGL stream is drained off the tank to a fiberglass pit. The gas is compressed by a Serico Industries Model 496 single stage compressor with a GM 496 engine rated at 125 BHP at 1500 RPM. The compressed gas is cooled, then metered by Enterprise Field Services.

Each well has a separator and an oil tank. Purging of liquids from the line is not necessary because liquids are removed at the individual well sites.

There is one well on an automatic vent system. If any well is vented due to an upset condition, this is reported by field personnel. The time of venting is recorded and volumes are calculated based on attachment # 8b. Beneficial usage calculations are shown on attachment # 8a.

The compression facility is located in the southeast corner of S1, T25N, R9W as shown on attachment # 4a Topo's, Surveys, Area Maps & Drawings. The schematic showing the equipment at the central compressor is also in # 4a.

Merrion Oil & Gas
CPD -North Dufers Point # 97133

Pipe Specifications and Mechanical Integrity Testing

The right of way for the gathering system was approved by the BLM on January 25th 1990. The main line connecting the Crow Mesa and North Dufers point wells is a buried steel line, 6 5/8" OD, 0.156" wall thickness with welded connections. There was some x-ray work performed, but the files do not show a percentage of wells x-rayed. The line was pressure tested to 900 psig overnight at the time of construction.

The North Dufers Point wells connect the main line via a 4" line that was originally constructed by El Paso Natural Gas Company. The Jalapeno was connected at a later date by a 3" steel surface line, pressure tested to 300 psi. The Yucca Com # 1 was also connected via a 3" buried steel line pressure tested to 500 psi. This portion of the line operates at about 60 psi.

The new pipe is SDR11-HDS800, rated at 160 psi for natural gas service. It will be tested with natural gas to 150 psi. **The line will operate at 100 psi or less.** The MAOP will be 150 psig.

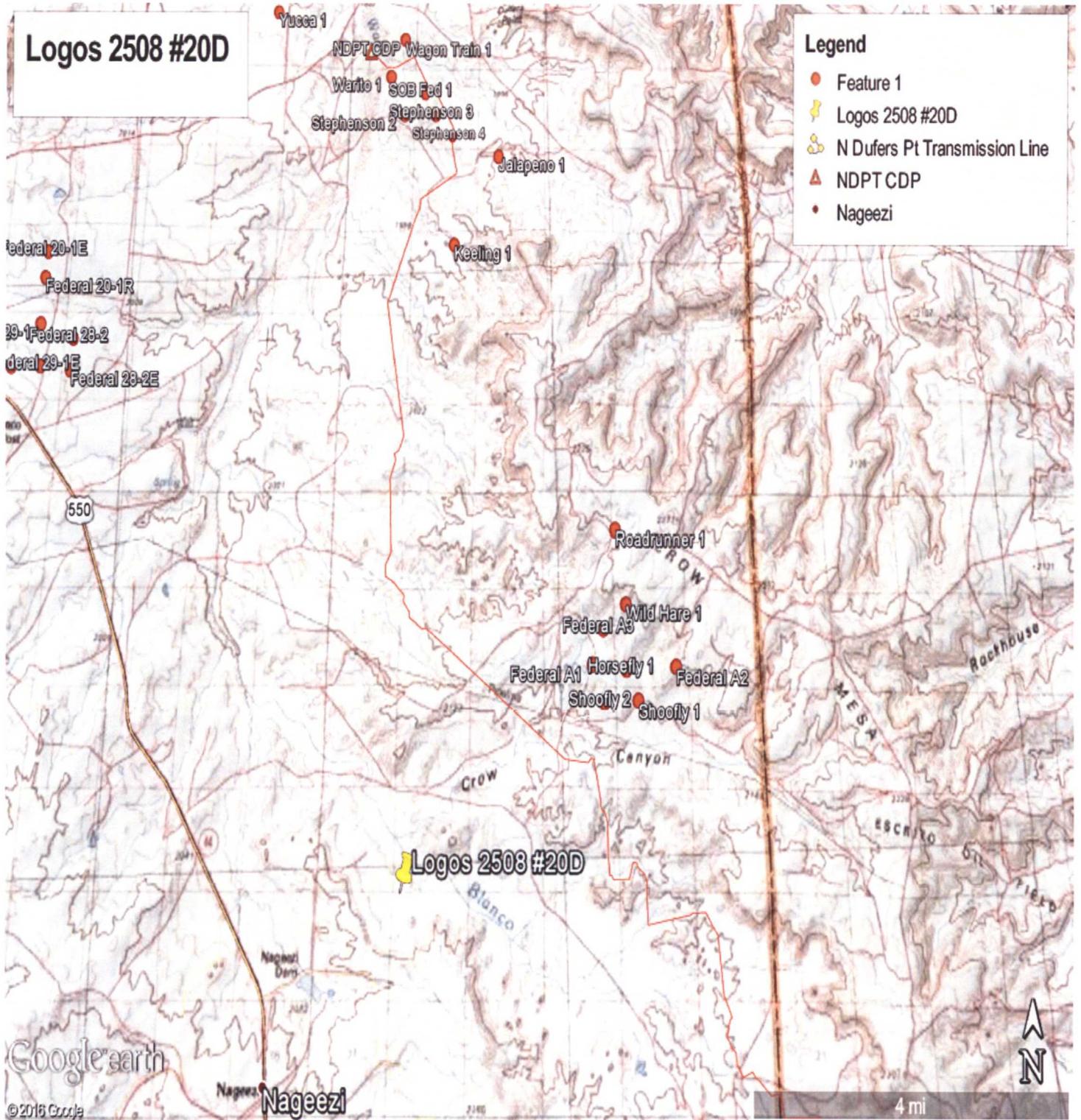
Meter Calibration and Gas Analysis Schedule

The sales meter is calibrated quarterly in February, May, August and November. Gas samples are collected from the metering point in February and August. Gas production from individual wells is analyzed quarterly by AWC, Gas Analysis. Wellsite check meters, property of Merrion Oil & Gas, are calibrated on a quarterly basis.

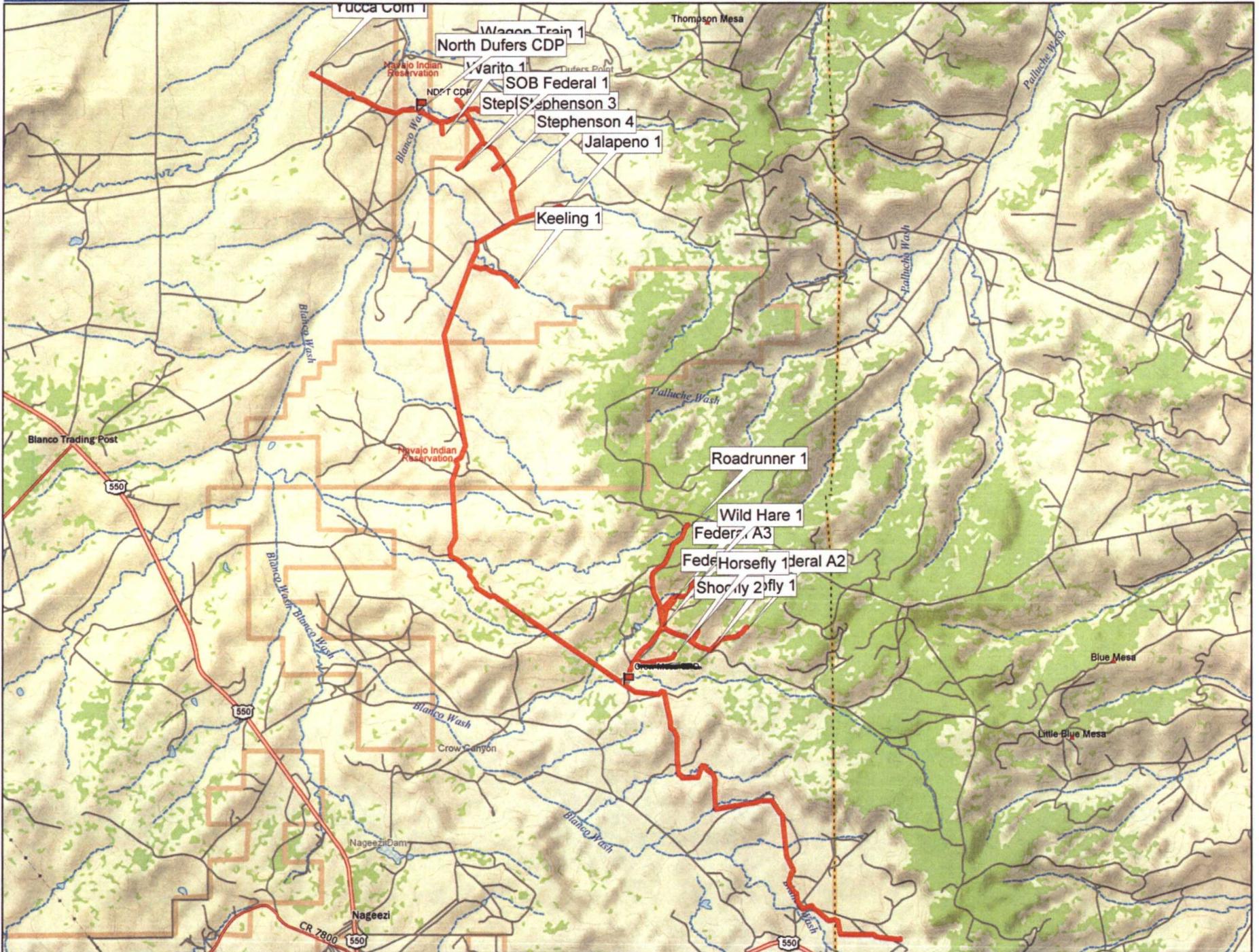
Merrion Oil & Gas
CPD -North Dufers Point # 97133

4 AREA MAP

The area is shown on the topo locator maps for wells and flowline to the CPD.



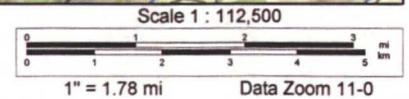
74



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www.delorme.com



NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the center boundaries of the Section.

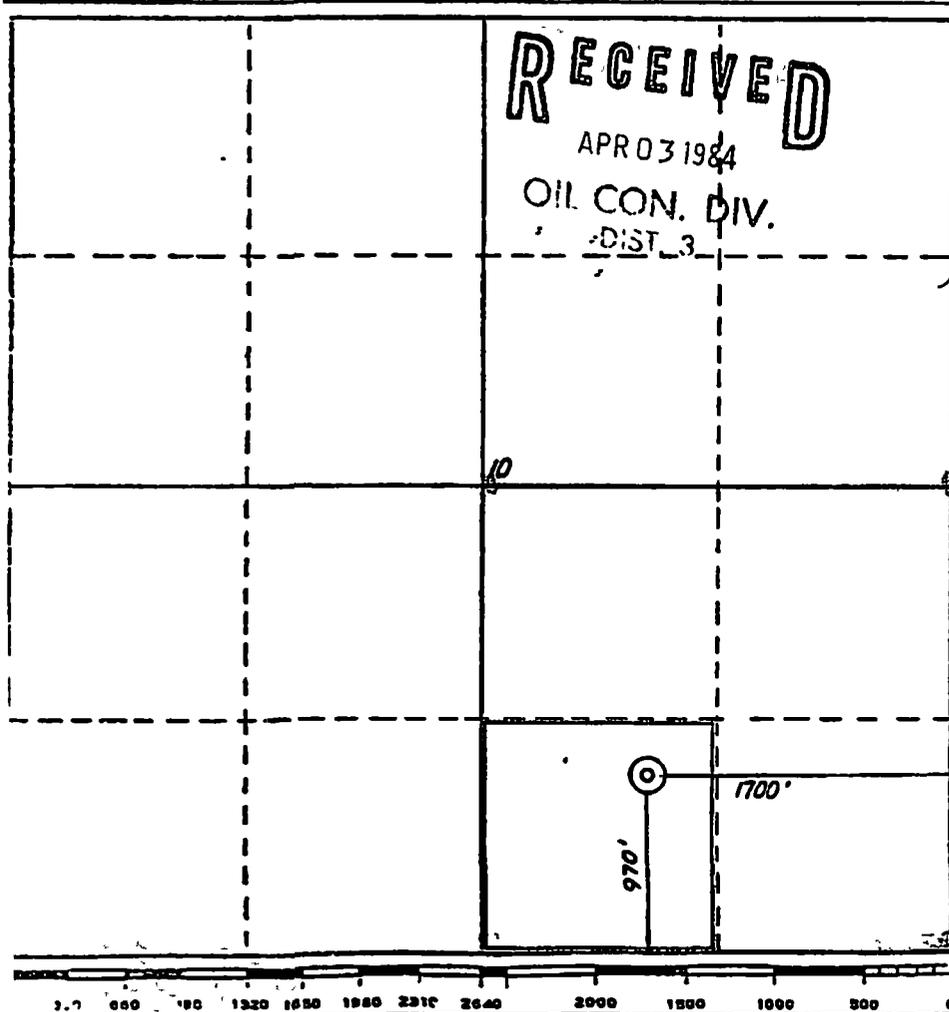
Operator Merrion Oil & Gas Corporation			Lease FEDERAL "A"		Well No. 1
Range 0	Section 10	Township 24 NORTH	Range 8WEST	County San Juan	
Actual Footage Location of Well					
970 feet from the SOUTH line and		1700 feet from the EAST line			
Surface Level Elev. 5852 (7987)	Producing Formation GALLUP	Pool Dufers Point Gallup-Dakota		Dedicated Acreage 160 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

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

Steve S. Dunn
Name
Steve S. Dunn
Position
Operations Manager
Company
Merrion Oil & Gas Corp.
Date
3/8/84

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

10-12-1976
Date Surveyed
James P. Lease
Registered Professional Engineer and/or Land Surveyor
1463
Certificate No.

All distances must be from the outer boundaries of the Section.

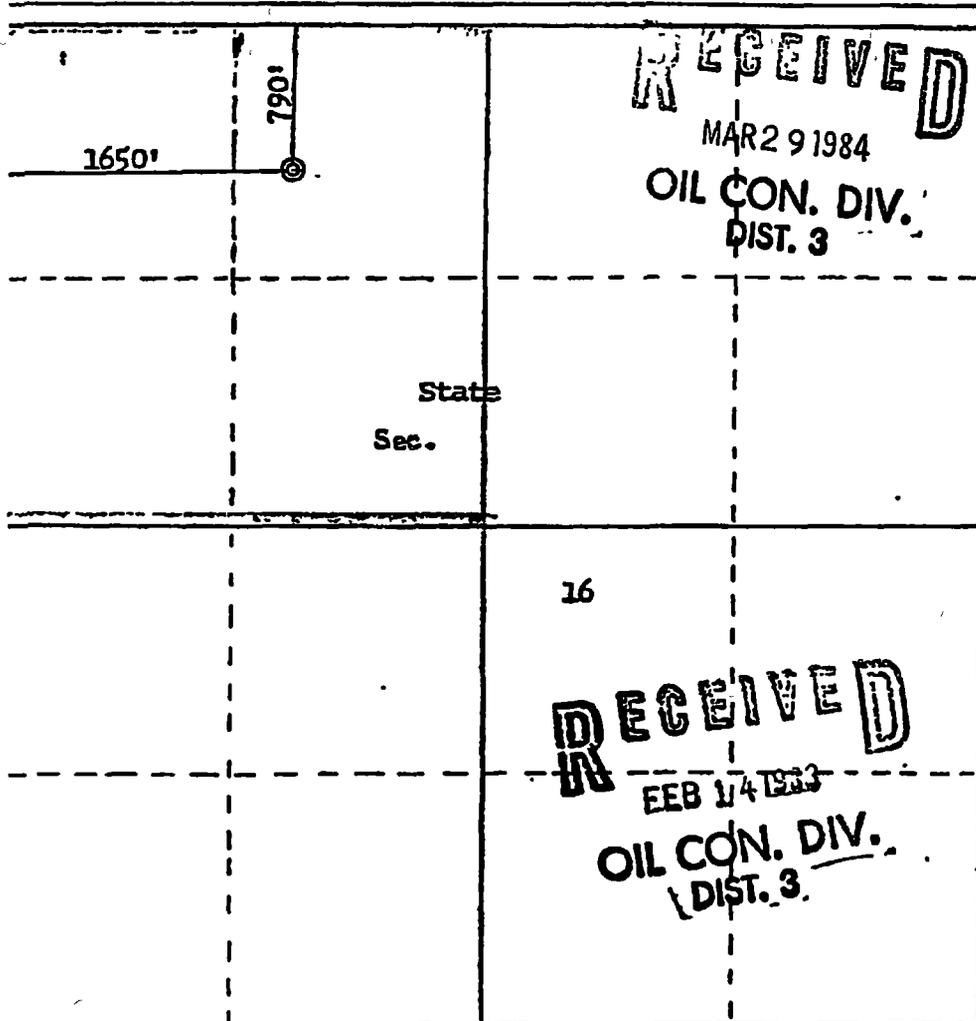
Operator MERRION OIL & GAS CORPORATION			Lease JALAPENO		Well No. 1
Unit Letter C	Section 16	Township 25N	Range 8W	County San Juan	
Actual Footage Location of Well:					
790	feet from the	North	line and	1650	feet from the West line
Ground Level Elev. 6589	Producing Formation Dakota		Pool Dufers Point Gallup Dakota		Dedicated Acreage 160 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

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CERTIFICATION

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

Steve S. Dunn
Name

Steve S. Dunn
Position
Operations Manager
Company
Merrion Oil & Gas Corporation
Date
3/8/84

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Steve S. Dunn
Date Surveyed

December 13, 1982
Registered Professional Engineer
and Land Surveyor

Fred B. Kerr Jr.
Fred B. Kerr Jr.

Certificate No. **1111**
2080

All distances must be from the outer boundaries of the Section.

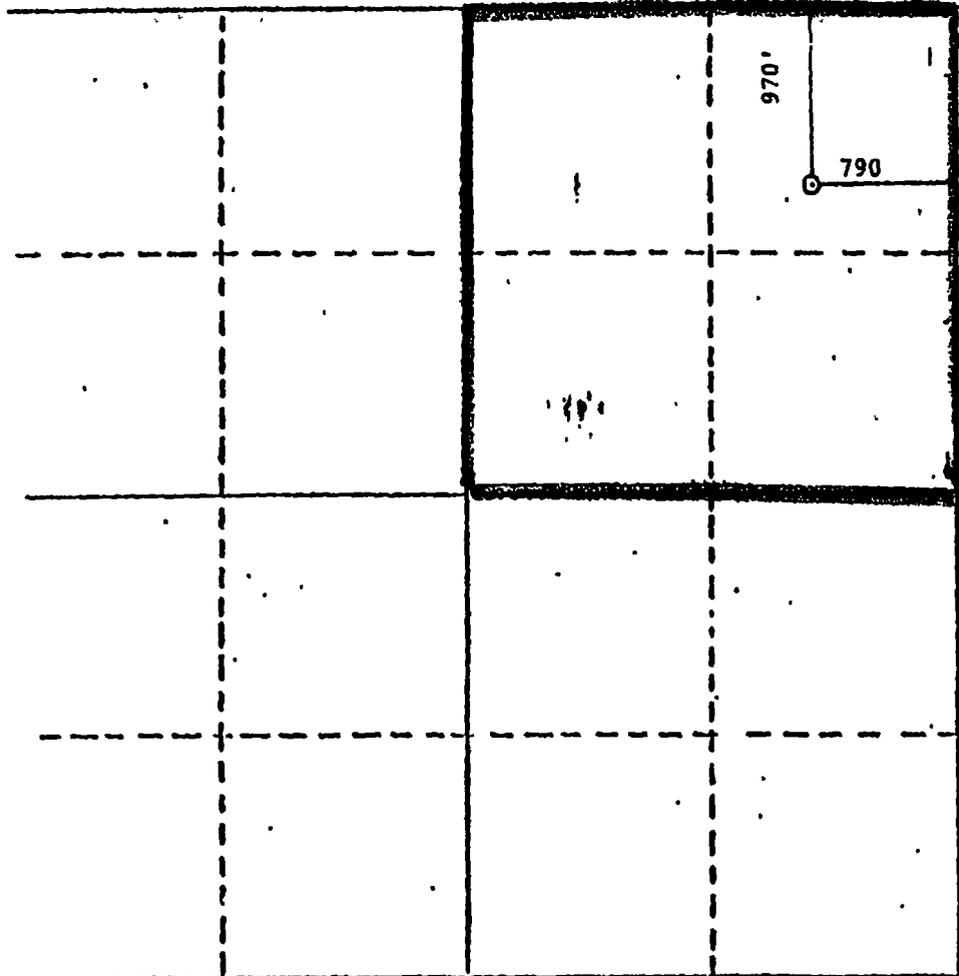
Operator MERRION OIL & GAS CORPORATION		Lease SHOO FLY		Well No. 2
Well Letter A	Section 15	Township 24N	Range 8W	County San Juan
Actual Footage Location of Wells 970 feet from the North line and 790 feet from the East line				
Ground Level Elev 6954	Producing Formation Gallup	Pool Dufers Point Gallup Dakota	Dedicated Acreage 160	Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
<i>Steve S. Dunn</i>	
Name	
Steve S. Dunn	
Position	
Operations Manager	
Company	
Merrion Oil & Gas Corporation	
Date	
6/24/85	
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.	
Date Surveyed	
Mar 24 1985	
Registered Professional Surveyor and Licensed Geologist	
Certified by _____	

All distances must be from the outer boundaries of the Section

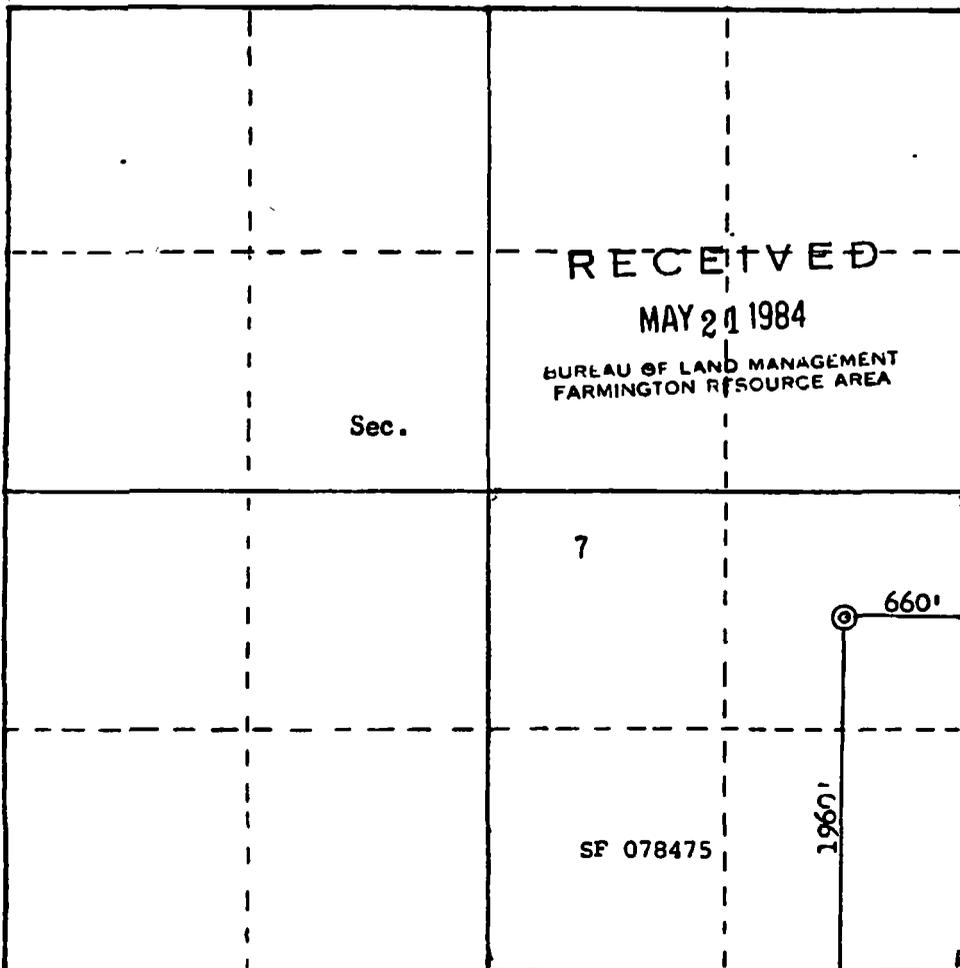
Operator MERRION OIL & GAS CORPORATION		Lease STEVENSON		Well No. 2
Unit Letter I	Section 7	Township 25N	Range 8W	County San Juan
Actual Footage Location of Well: 1060 feet from the South line and 660 feet from the East line				
Ground Level Elev. 6420	Producing Formation Gallup/Dakota	Pool Dufers Point -Gallup Dakota	Dedicated Acreage: 160 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



Scale: 1"=1000'

CERTIFICATION	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
<i>J. Gregory Merrion</i>	
J. Gregory Merrion	
Position President	
Company Merrion Oil & Gas Corp.	
Date 5/16/84	
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.	
Date Surveyed May 2, 1984	
Registered Professional Engineer and Land Surveyor <i>Fred B. Kerr Jr.</i> Fred B. Kerr Jr.	
Certificate No. 3950	

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

P. O. BOX 2068
SANTA FE, NEW MEXICO 87501

Form C-107
Revised 10-1-78

All distances must be from the corner boundaries of the Section.

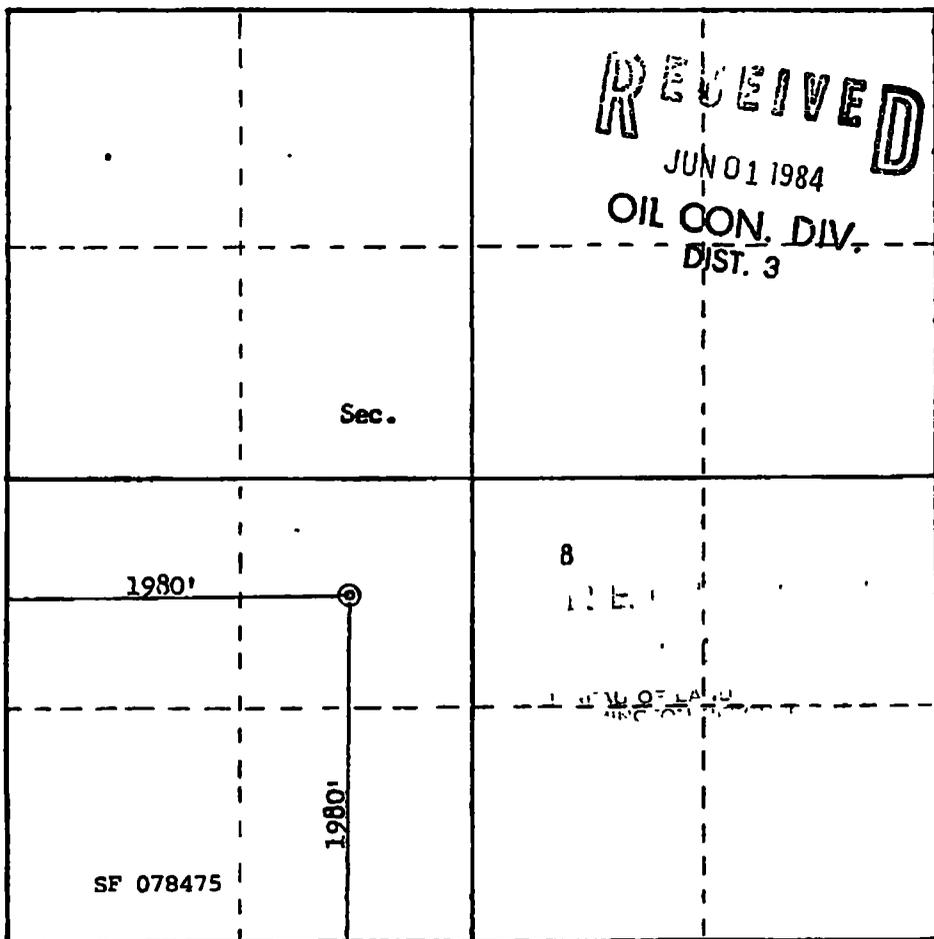
Operator MERRION OIL & GAS CORPORATION			Lease STEPHENSON		Well No. 3
Unit Letter K	Section 8	Township 25N	Range 8W	County San Juan	
Actual Footage Location of Well:					
1980 feet from the South line and		1980 feet from the West line			
Ground Level Elev. 6501	Producing Formation Gallup/Dakota	Pool Dufers Point Gallup Dakota		Dedicated Acreage 160 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes No If answer is "yes;" type of consolidation _____

If answer is "no;" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



Scale: 1"=1000'

CERTIFICATION
<i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>
<i>Steve S. Dunn</i>
Name Steve S. Dunn
Position Operations Manager
Company Merriion Oil & Gas Corporation
Date 4/24/84
<i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.</i>
Date Surveyed April 4, 1984
Registered Professional Engineer and Land Surveyor <i>Fred B. Kerr Jr.</i> Fred B. Kerr Jr.
Certificate No. 3950

All distances must be from the outer boundaries of the Section.

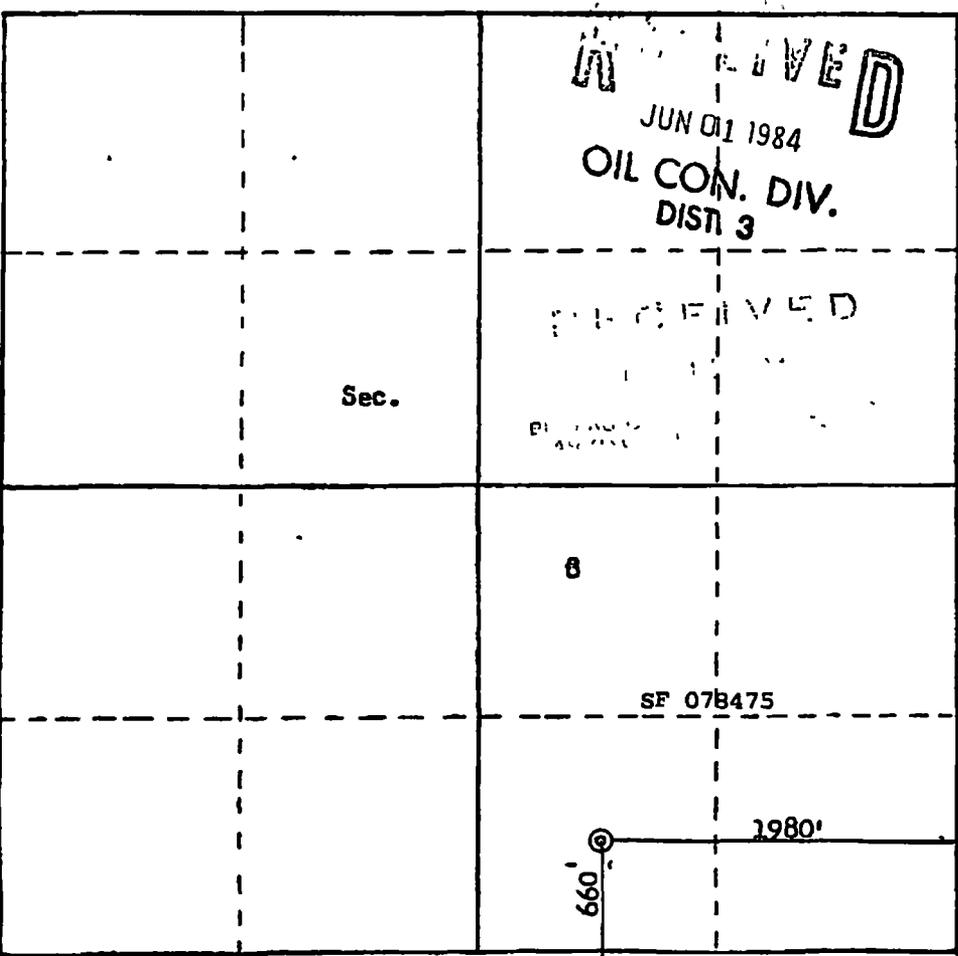
Operator MERRION OIL & GAS CORPORATION			Lease STEPHENSON		Well No. 1
Unit Letter 0	Section 8	Township 25N	Range 8W	County San Juan	
Actual Footage Location of Well: 660 feet from the South line and 1980 feet from the East line					
Ground Level Elev. 6517	Producing Formation Gallup/Dakota		Pool Duffers Point Gallup Dakota		Dedicated Acreage 160 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



Scale: 1"=1000'

CERTIFICATION	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
<i>Steve S. Dunn</i>	
Name	Steve S. Dunn
Position	Operations Manager
Company	Merrion Oil & Gas Corp.
Date	5/1/84
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.	
Date Surveyed	April 1, 1984
Registered Professional Engineer and Land Surveyor	
<i>Fred S. Kerr Jr.</i>	
Certificate No. 3950	

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-107
Revised 10-1-78

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

All distances must be from the outer boundaries of the Section.

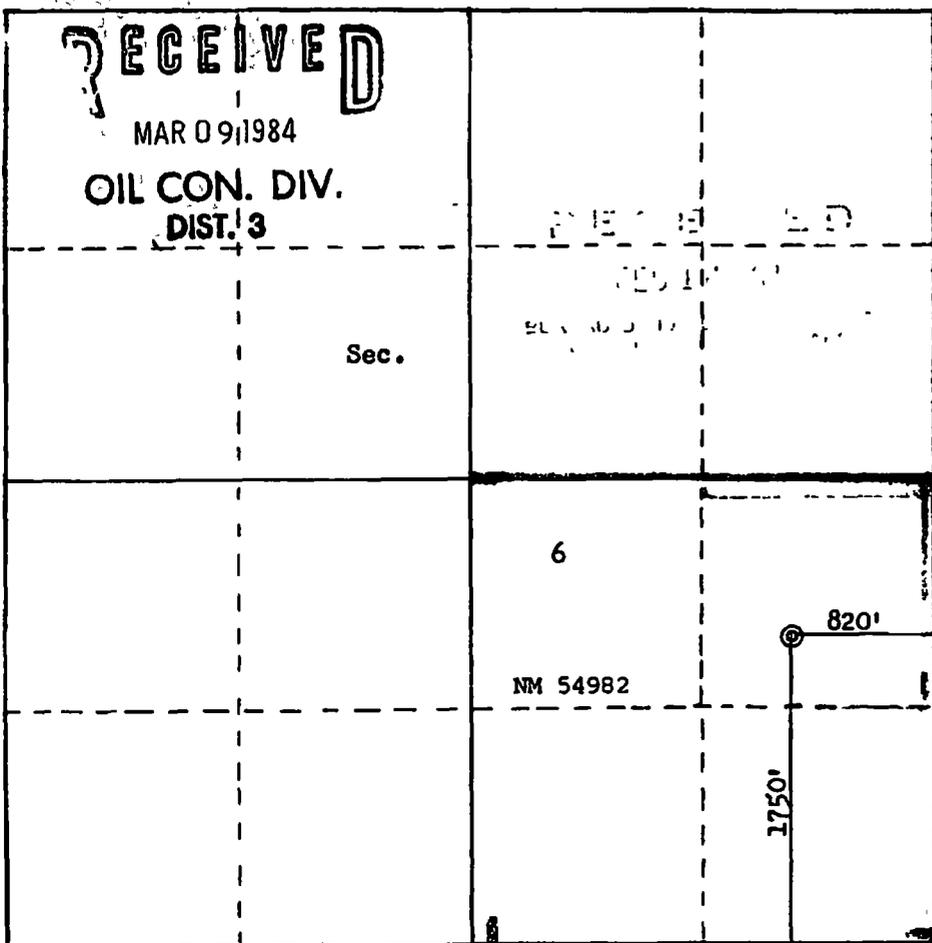
Operator MERRION OIL & GAS CORPORATION		Lease WAGON TRAIN		Well No. 1
Unit Letter I	Section 6	Township 25N	Range 8W	County San Juan
Actual Footage Location of Well: 1750 feet from the South line and 820 feet from the East line				
Ground Level Elev. 6386	Producing Formation Gallup/Dakota	Pool Dufers Point Gallup Dakota	Dedicated Acreage: 160 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



Scale: 1"=1000'

CERTIFICATION

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

Steve S. Dunn

Steve S. Dunn

Position

Operations Manager

Company

Merrion Oil & Gas Corporation

Date

12/21/83

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

December 13, 1983

Registered Professional Engineer and Land Surveyor

Fred E. Kerr Jr.
Fred E. Kerr Jr.

Certificate No.

3950

Distances must be from the corner boundaries of the section

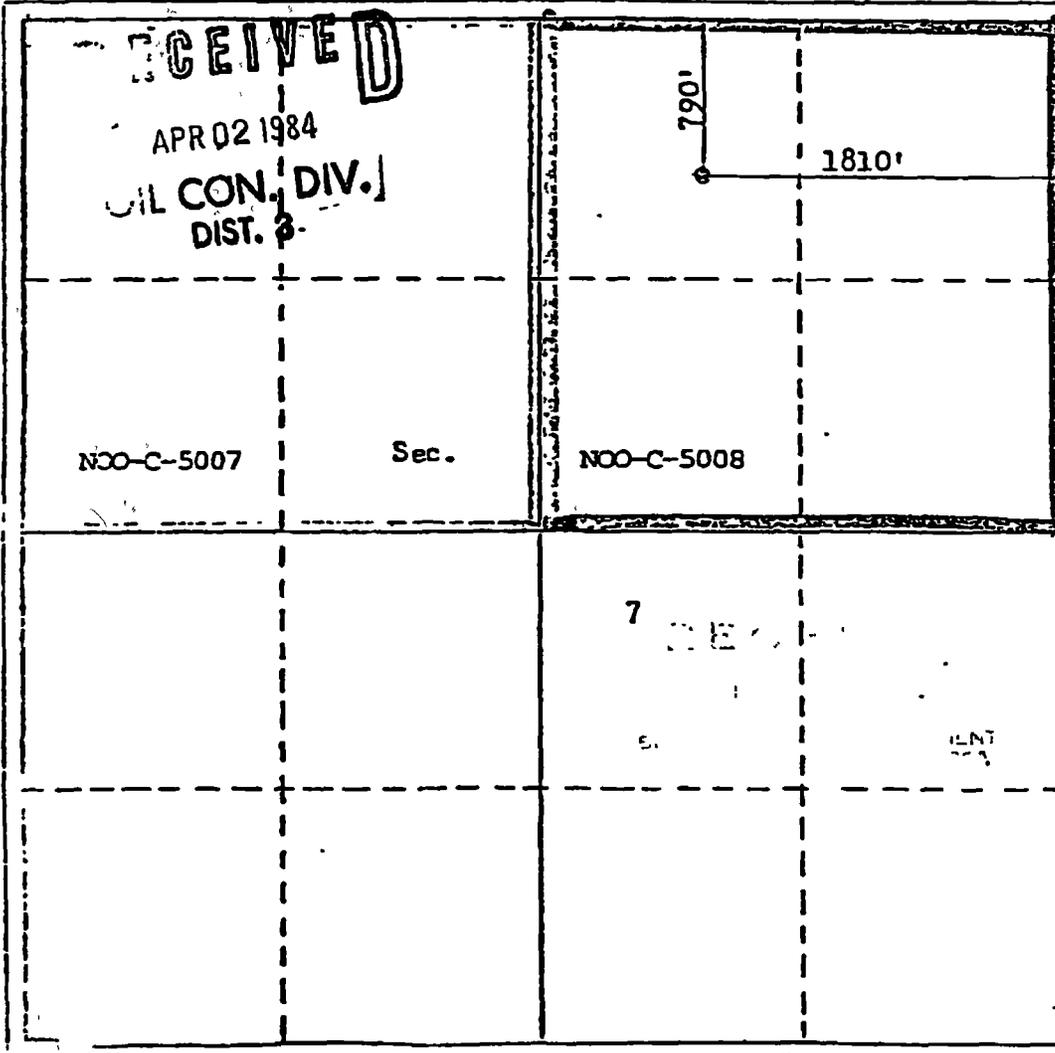
Operator MERRION OIL & GAS INCORPORATED		Lease Warito			Well No. No. 1
Unit Letter 3	Section 7	Township 25N	Range 8W	County San Juan	
Actual Footage Location of Well:					
790	feet from the	North	line and	1810	feet from the
					East
Ground Level Elev. 6341	Producing Formation Dakota /Gallup		Pool Dufers Point Gallup Dakota		Dedicated Acreage 160

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to well interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

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CERTIFICATION

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

Steve S. Dunn
Name

Steve S. Dunn
Position

Operations Manager
Company

Merrion Oil & Gas Corp
Date

3/28/84

I hereby certify that the well location shown on this plat was plotted from notes of actual surveys made by me under my supervision, and that the information is true and correct to the best of my knowledge and belief.

Date Surveyed
March 28, 1984

Registered Professional Engineer and/or Land Surveyor

Fred E. Kerr Jr.
Fred E. Kerr Jr.

Certificate No. _____

All distances must be from the outer boundaries of the Section.

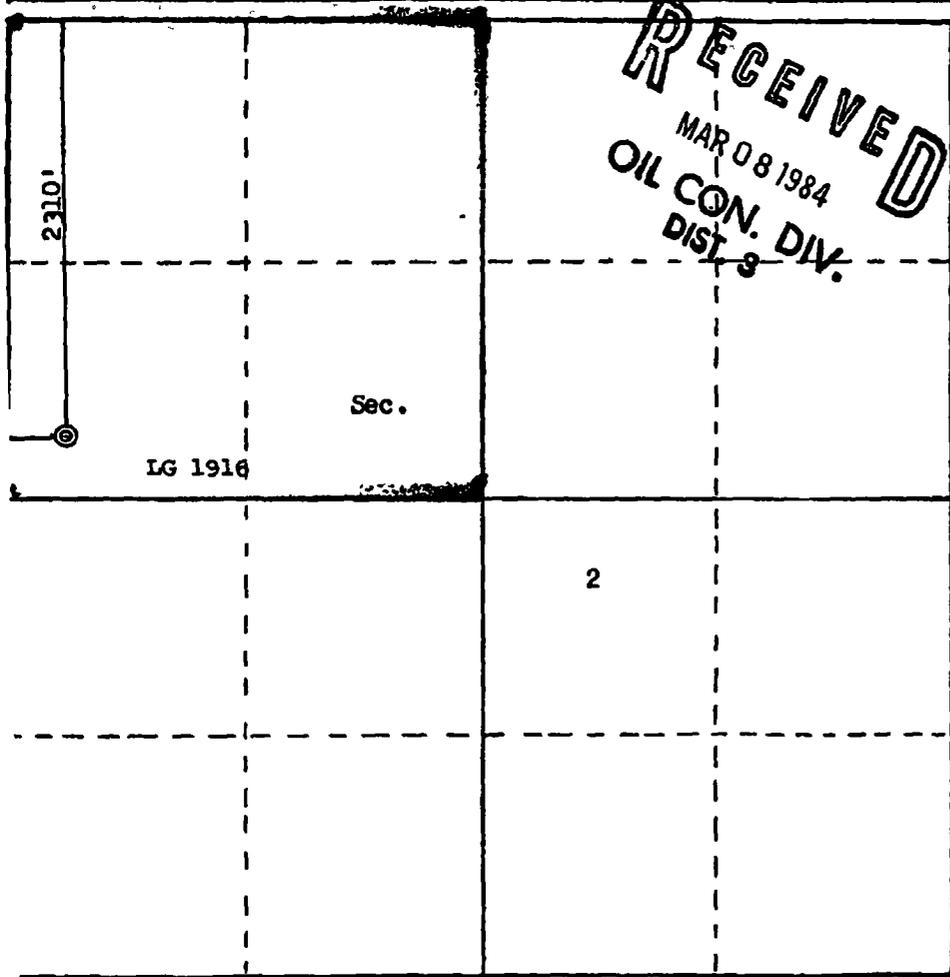
Operator MERRION OIL & GAS COMPANY		Lease ROADRUNNER		Well No. 1
Unit Letter E	Section 2	Township 24N	Range 8W	County San Juan
Actual Footage Location of Wells 2310 feet from the North line and 330 feet from the West line				
Ground Level Elev. 7183	Producing Formation Dakota	Pool Dufers Point Gallup Dakota	Dedicated Acreage 160 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



Scale: 1"=1000'

CERTIFICATION

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

Name
Steve S. Dunn

Position
Operations Manager

Company
Merrion Oil & Gas Corp.

Date
3/7/84

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
March 1, 1984

Registered Professional Engineer and Land Surveyor
Fred E. Kerr Jr.
Fred E. Kerr Jr.

Certificate No. **3950**

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LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-85 30-043-25579

RECEIVED
FEB 8 1983
GEOLOGICAL SURVEY
N. M.

5A. Indicate Type of Lease LEASE <input checked="" type="checkbox"/> FREE <input type="checkbox"/>
5. State Oil & Gas Lease No. LG 1916
7. Unit Agreement Name
8. Farm or Lease Name Roadrunner
8. Well No. 1
10. Field and Pool, or Wildcat Dufos Point Gal-Dak
12. County San Juan
19. Proposed Depth 7200'
19A. Formation Dakota
20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) 7241 GL
21A. Kind & Status Plug. Bond
21B. Drilling Contractor Undesignated
22. Approx. Date Work will start 2nd Quarter, 1983

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

1a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>
b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>
2. Name of Operator Merrion Oil & Gas Corporation
3. Address of Operator P. O. Box 1017, Farmington, New Mexico 87499
4. Location of Well UNIT LETTER F LOCATED 1850 FEET FROM THE North LINE AND 1660 FEET FROM THE West LINE OF SEC. 2 TWP. 24N REG. 8W NMPM
19. Proposed Depth 7200'
19A. Formation Dakota
20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) 7241 GL
21A. Kind & Status Plug. Bond
21B. Drilling Contractor Undesignated
22. Approx. Date Work will start 2nd Quarter, 1983

23. PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/4"	8-5/8"	24 #/ft.	200'	175 sx	Surface
7-7/8"	4-1/2"	11.6 #/ft.	7150'	795 sx.	Above Ojo Alamo

Propose to drill 12-1/4" hole to 200' and set 200' of 8-5/8", 24 #/ft, surface casing with 175 sx. Will drill 7-7/8" hole to TD, and run open hole logs. If appears productive, will run 4-1/2", 11.6 #/ft casing to 7200' and cement 1st Stage with 450 sx Class H 2% Gel to cover Gallup and Dakota. Second Stage with tool @ 5100' with 165 sx Class B, 2% D-79 followed by 50 sx Class H 2% gel to cover Mesa Verde. Third Stage tool @ 2650' with 70 sx Class B 2% D-79 followed by 50 sx Class H 2% gel to cover Pictured Cliffs, Fruitland, Kirtland and Ojo Alamo. Will perforate and stimulate as necessary. 10" 900 series double ram preventers will be used in drilling.

ESTIMATED TOPS

Ojo Alamo	1800'	Cliffhouse	3570'	Greenhorn	6730'
Kirtland	1925'	Menefee	3600'	Graneros	6910'
Fruitland	2340'	Pt. Lookout	4880'	Dakota	7010'
Pictured Cliffs	2550'	Mancos	5100'	TD	7200'
Lewis	2645'	Gallup	5945'		

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed Alan Kelly Title Operations Manager Date 2/7/83

(This space for State Use)

SUPERVISOR DISTRICT # 3

FEB 15 1983

APPROVED BY Frank J. Day TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL EXPIRES August 15, 1983
UNLESS DRILLING IS COMMENCED.
SFUD ACT CEASE MUST BE SUBMITTED
WITHIN 10 DAYS.

OPERATOR

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

All distances must be from the outer boundaries of the Section.

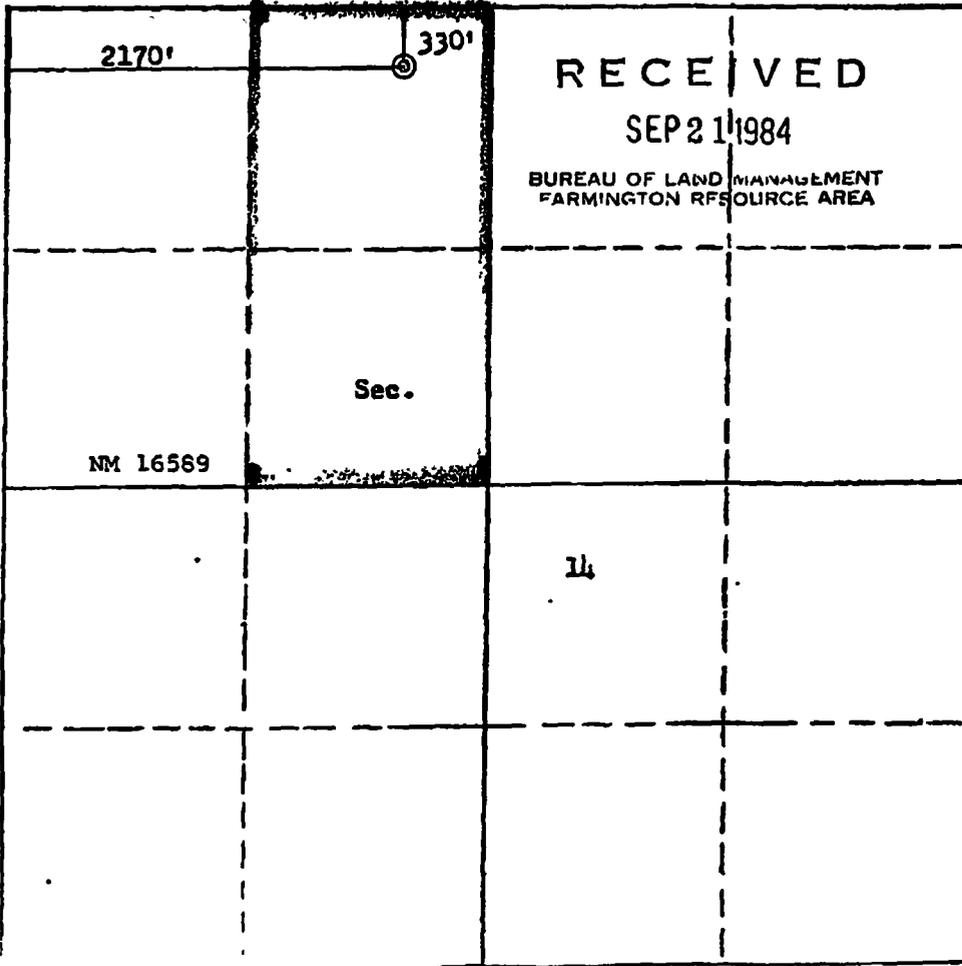
Operator MERRION OIL & GAS CORPORATION			Lease SHOO FLY		Well No. 1
Unit Letter C	Section 14	Township 24N	Range 8W	County San Juan	
Actual Footage Location of Well: 330 feet from the North line and 2170 feet from the West line					
Ground Level Elev: 6960	Producing Formation Gallup		Pool Escrito Gallup		Dedicated Acreage 80 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes No If answer is "yes;" type of consolidation _____

If answer is "no;" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

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

Steve S. Dunn
Name

Steve S. Dunn
Position

Operations Manager

Company

Merrion Oil & Gas Corporation

Date

9/11/84

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

September 5, 1984

Registered Professional Engineer
and Land Surveyor

Fred E. Hunt Jr.
Fred E. Hunt Jr.

37-

All distances must be from the outer boundaries of the Section.

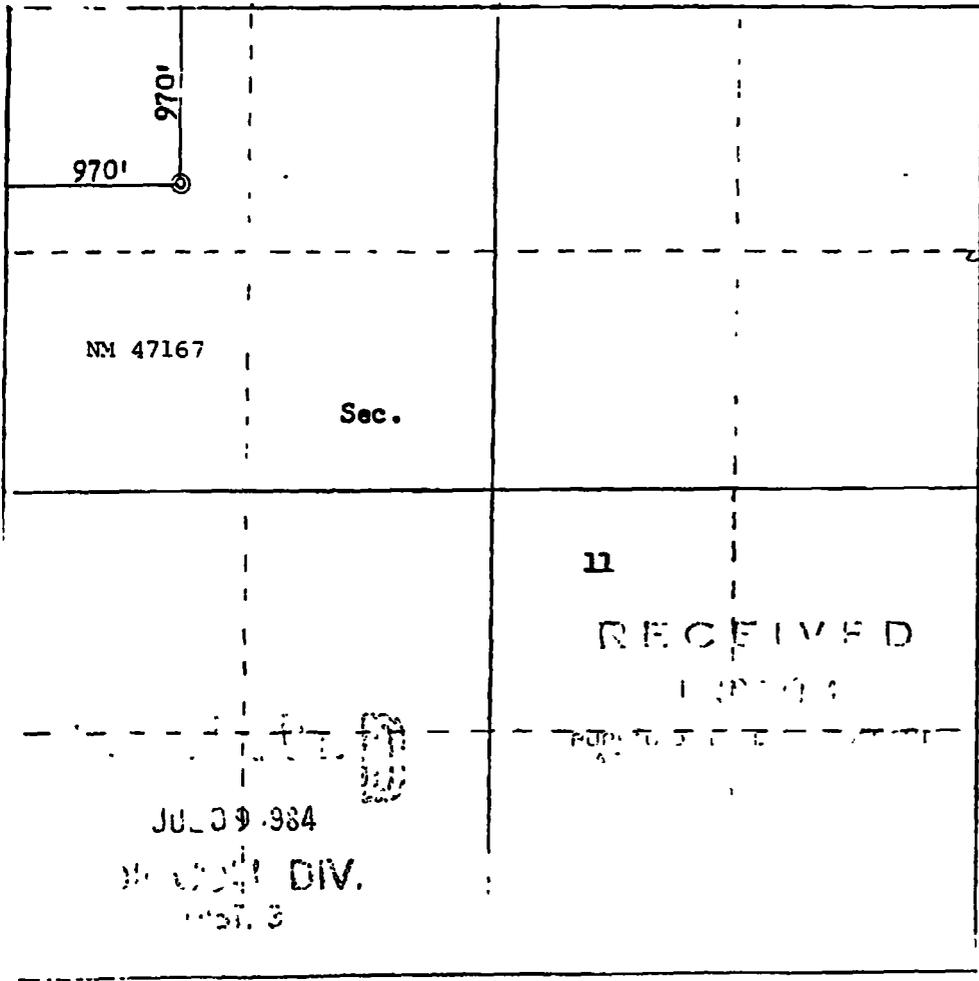
Operator MERRION OIL & GAS CORPORATION			Lease WILD HARE		Well No. 1
Unit Section 2	Section 11	Township 24N	Range 8W	County San Juan	
Actual Footage Location of Well: 970 feet from the North line and 970 feet from the West line					
Ground Level Elev 7176	Producing Formation Gallup/Dakota		Pool Dufers Point Gallup Dakota		Dedicated Acreage 160 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



Scale: 1"=1000'

CERTIFICATION	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
<i>Steve S. Dunn</i>	
Name	Steve S. Dunn
Position	Operations Manager
Company	Merrion Oil & Gas Corporation
Date	6/13/84
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.	
Date Surveyed	June 14, 1984
Registered Professional Engineer and Land Surveyor	<i>Frank E. Kern, Jr.</i>
Certificate No.	1100

All distances must be from the corner boundaries of the section.

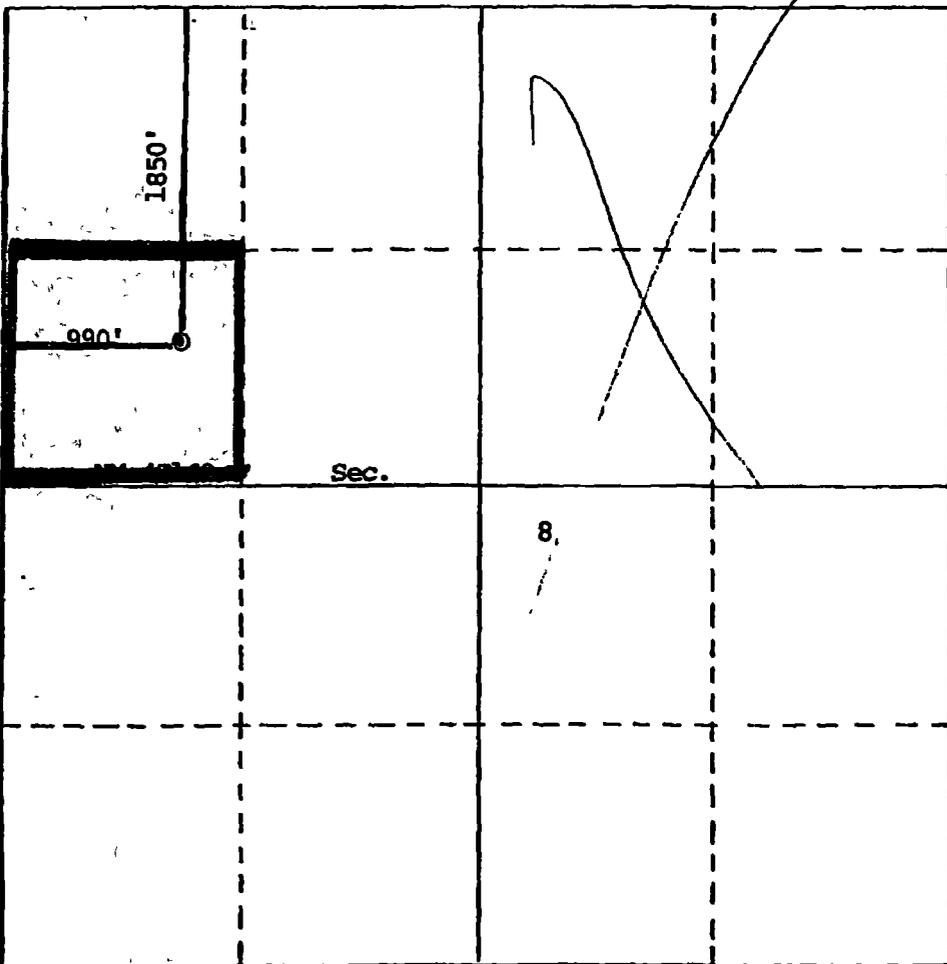
Operator Merrion Oil & Gas Corp.			Lease SOB Fed Gen.		Well No. 1
Unit Letter E	Section 8	Township 25N	Range BW	County San Juan	
Actual Footage Location of Well: 1850 feet from the North line and 990 feet from the West line					
Ground Level Elev. 6441	Producing Formation Dakota		Pool Dufers Point Gallup Dakota		Dedicated Acreage; 40 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes No If answer is "yes," type of consolidation ~~will be communitized~~

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

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

Steve S. Dunn
Name

Steve S. Dunn
Position

Operations Manager
Company

Merrion Oil & Gas Corp.
Date

4/6/83

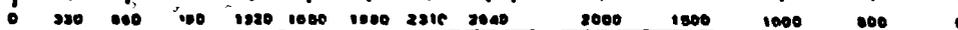
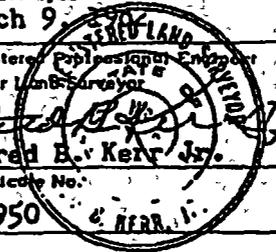
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
March 9

Registered Professional Engineer
and/or Land Surveyor

Fred H. Kerr Jr.
Fred H. Kerr Jr.

Certificate No.
3950



OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
 OIL AND MINERALS DEPARTMENT

F. O. BOX 2048
 SANTA FE, NEW MEXICO 87501

Form O-107
 Revised 11-77

All distances must be from the outer boundaries of the Section.

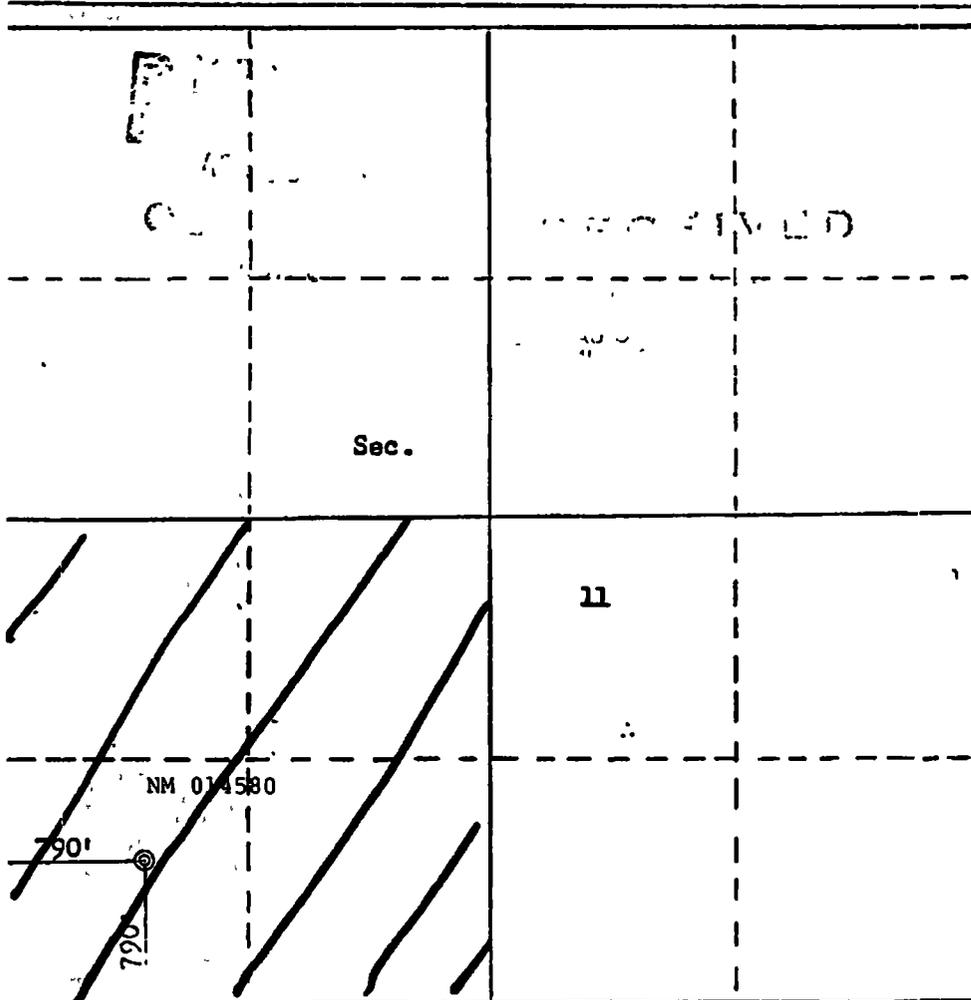
Operator MERRION OIL & GAS CORPORATION			Lease Horsefly		Well No. 1
Unit Letter M	Section 11	Township 24N	Range 8W	County San Juan	
Actual Footage Location of Well: 790 feet from the South line and 790 feet from the West line					
Ground Level Elev. 7032	Producing Formation Gallup		Pool <i>Duffers Point Escrito Gallup Gallup Dakota</i>		Dedicated Acreage: 80 1/2 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.
<i>Steve S. Dunn</i> Name
Steve S. Dunn Position
Operations Manager Company
Merrion Oil & Gas Corporation Date
2/8/85
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.
Date Surveyed

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

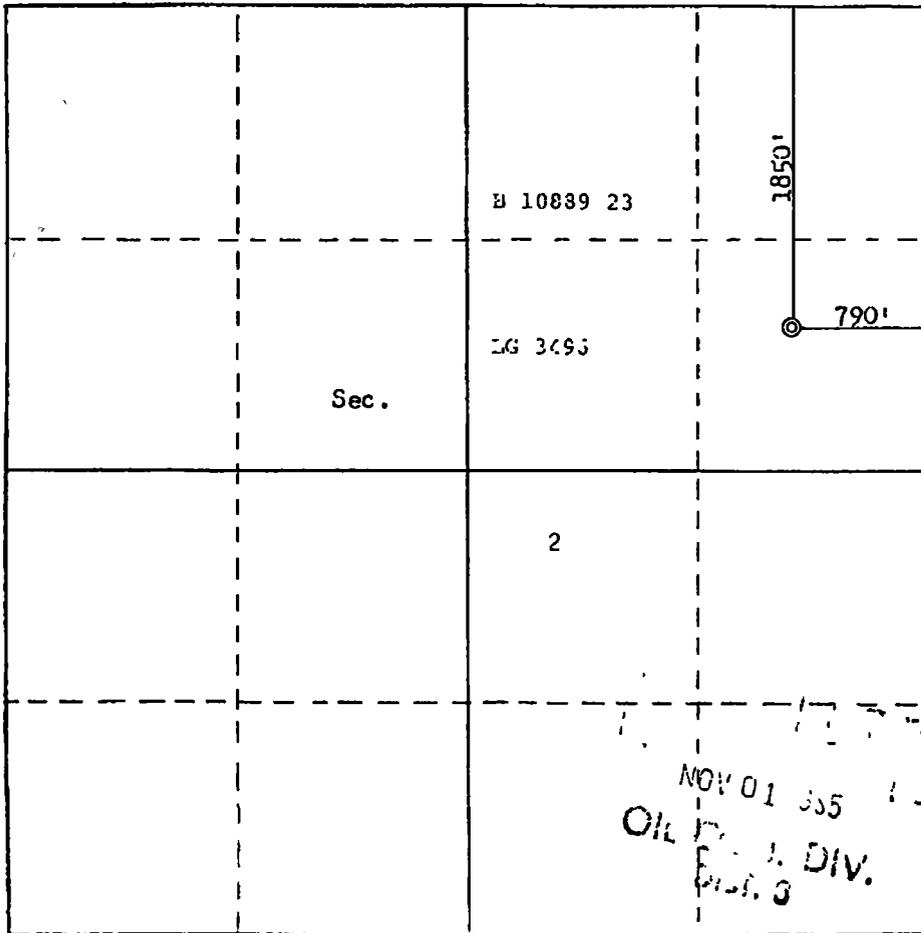
Operator MERRION OIL & GAS CORPORATION			Lease Yucca Com		Well No. 1
Unit Letter H	Section 2	Township 25N	Range 9W	County San Juan	
Actual Footage Location of Well 1850 feet from the North line and 790 feet from the East line					
Ground Level Elev 6481	Producing Formation Gallup/Dakota		Pool EXX Dufers Point Gallup Dakota		Dedicated Acreage 160.29 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty)
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes No If answer is "yes," type of consolidation Communitization

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



Scale: 1"=1000'

CERTIFICATION	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
<i>Steve S. Dunn</i>	
Name Steve S. Dunn	
Position Operations Manager	
Company Merrion Oil & Gas Corporation	
Date 10/30/85	
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.	
Date Surveyed October 17, 1985	
Registered Professional Engineer and Land Surveyor <i>Fred R. Kerr Jr.</i> Fred R. Kerr Jr.	
3750	

September 28, 1959

Section A

Operator **Western Natural Gas Co. et al**

C. A. Keeling Federal SF 078474

Well No. **1** Unit Letter **B** **S** **20**

25N **8W**

Location **990** Town From **North**

1750 **East**

County **San Juan** **6515**

40

Name of Producing Formation **Dakota**

Dakota Wildcat

1. Is the Operator of this well in the State of New Mexico?
Yes No

2. If the answer to question one is "No", what is the State of origin of the well?
Answer: Yes No

3. If the answer to question two is "No", what is the name of the owner?
Owner:

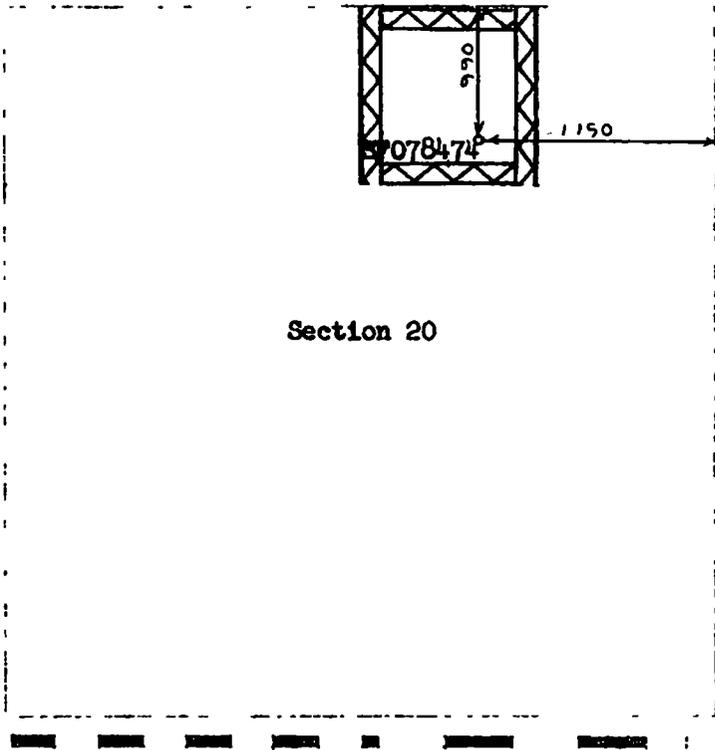


Section B

Section 20

This is to certify that the information in Section A above is true and correct to the best of my knowledge and belief.

Western Natural Gas Co.
Operator
Calvin M. Reyes
211 1/2 W. Main
Farmington, New Mexico



Section 20

This is to certify that the information in Section A above is true and correct to the best of my knowledge and belief.

(Seal)

Farmington, N. M.

September 28, 1959

C. O. Walker

Commissioner of Public Safety, Oil and Gas Division

NM MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-85

All distances must be from the outer boundaries of the Section

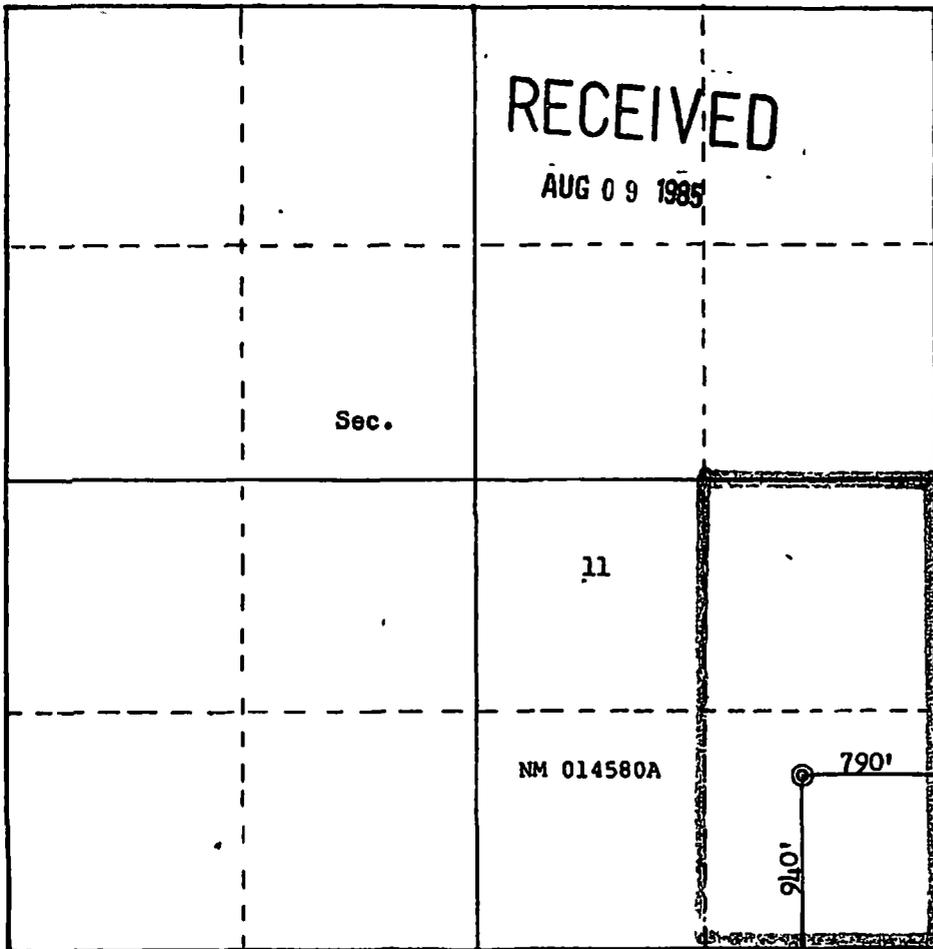
Operator MERRION OIL & GAS CORPORATION		Lease FEDERAL "A"		Well No. 2
Unit Letter P	Section 11	Township 24N	Range 8W	County San Juan
Actual Footage Location of Well: 940 feet from the South line and 790 feet from the East line				
Ground Level Elev: 7178	Producing Formation Gallup	Pool Escrito Gallup	Dedicated Acreage: 80 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



Scale: 1"=1000'

CERTIFICATION

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

Steve S. Dunn

Name
Steve S. Dunn

Position
Operations Manager

Company
Merrion Oil & Gas Corporation

Date
7/31/85

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
July 25, 1985

Registered Professional Engineer and Land Surveyor
Fred B. Kerry Jr.
Fred B. Kerry Jr.

Certificate No. **3950**

DISTRICT I
1625 N. French Dr., Hobbs, N.M. 88240
Phone: (575) 393-8181 Fax: (575) 393-0720

DISTRICT II
811 S. First St., Artesia, N.M. 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

DISTRICT III
1000 Rio Bravo Rd., Aztec, N.M. 87410
Phone: (505) 354-8178 Fax: (505) 354-8170

DISTRICT IV
1220 S. St. Francis Dr. Santa Fe, NM 87508
Phone: (505) 478-3480 Fax: (505) 478-3482

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
1220 South St Francis Dr
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045-35828		*Pool Code 19859	*Pool Name DUFFERS POINT-GALLUP DAKOTA
*Property Code 317770	*Property Name LOGOS 2508 20D		*Well Number 15
*OGRID No 289408	*Operator Name LOGOS OPERATING, LLC		*Elevation 6544

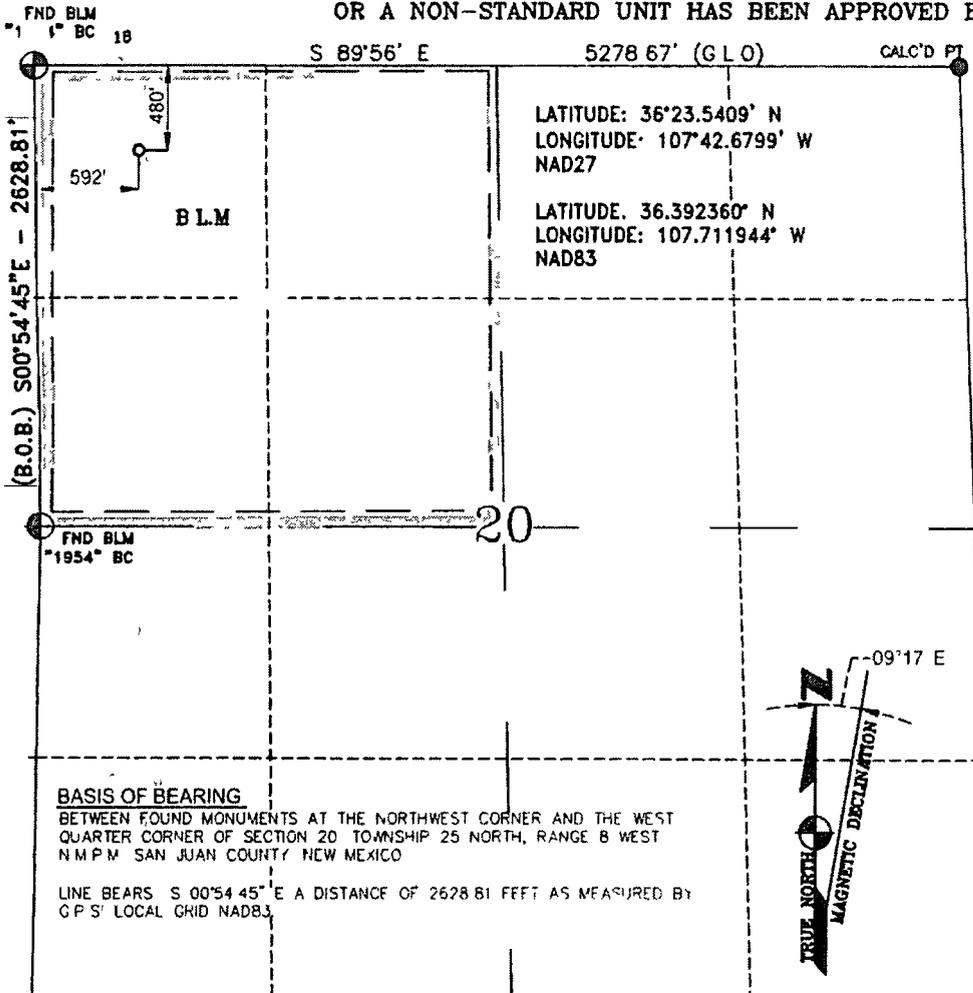
¹⁰ Surface Location

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	20	25-N	8-W		480	NORTH	592	WEST	SAN JUAN

¹¹ Bottom Hole Location If Different From Surface

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
*Dedicated Acres G-DK 160 00 ACRES NW/4					*Joint or Infill	*Consolidation Code	*Order No		

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



17 OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or, unless mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or a working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Tamra Sessions 1-17-17
Signature Date

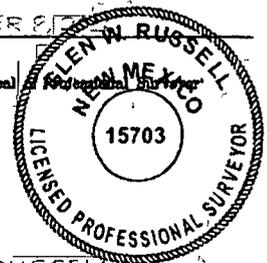
Tamra Sessions
Printed Name
tsessions@logosresourcesllc.com
E-mail Address

18 SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

SEPTEMBER 27
Date of Survey

Signature and Seal



GLEN W. RUSSELL
Certificate Number 15703

McMillan, Michael, EMNRD

From: Tamra Sessions <tsessions@logosresourcesllc.com>
Sent: Thursday, June 1, 2017 3:44 PM
To: Philana Thompson
Cc: McMillan, Michael, EMNRD
Subject: RE: North Dufers CDP OLM application to add LOGOS well

We have received the below mentioned OLM application from Merrion. Attachment was named '2017-5-31 CPD app to NMOCD' and is for adding LOGOS 2508 20D 15 well to Merrion's North Dufers CPD.

Sincerely,

Tamra Sessions
Regulatory Specialist
Office 505-324-4145
tsessions@logosresourcesllc.com



From: Philana Thompson [mailto:pthompson@merrion.bz]
Sent: Thursday, June 01, 2017 3:38 PM
To: Tamra Sessions <tsessions@logosresourcesllc.com>
Cc: McMillan, Michael, EMNRD <Michael.McMillan@state.nm.us>
Subject: North Dufers CDP OLM application to add LOGOS well

Tamra,
I sent a letter and a hard copy, I also sent you an email with the CDP application attached. Please reply-all to this email that you received the copy of the application for NMOCDs records.

Mr. McMillan with the NMOCD in Santa Fe is CC'd on this correspondence.

Thanks Philana

--
Philana Thompson
Regulatory Compliance
Merrion Oil & Gas Corp
cell 505-486-1171
fax 505-324-5300

State of New Mexico
Energy, Minerals and Natural Resources Department

Susana Martinez
Governor

David Martin
Cabinet Secretary-Designate

Brett F. Woods, Ph D
Deputy Cabinet Secretary

Jamí Bailey, Division Director
Oil Conservation Division



November 27, 2013

ADMINISTRATIVE POOL/LEASE COMMINGLING ORDER

Administrative Order PLC-387
Administrative Application Reference No pPRG1328952265

Merrion Oil & Gas Corp
Attn: Mr. Ryan Davis

Pursuant to your application received on October 15, 2013, Merrion Oil & Gas Corp (OGRID 14634) is hereby authorized to surface commingle gas production only from the following pools located in Eddy County, New Mexico

Dufers Point; Gallup-Dakota (Oil) 19859
Escrito; Gallup (Associated) 22619

and from the following diversely owned wells located in said county

See Exhibit A attached hereto.

The commingled gas production shall be measured and sold at the North Dufers Central Delivery Point in Township 25 North, Range 8W, San Juan County. Production from each of the wells shall be separately metered. Meters shall be calibrated in accordance with Rule 19.15.12.10.C(2)(b).

The operator shall notify the transporter of this commingling authority

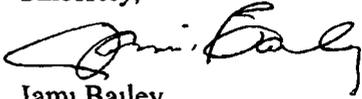
The operator shall notify the Aztec district office of the Division upon commencement of commingling operations.

November 27, 2013

Page 2

This approval is subject to like approval from the United States Bureau of Land Management and the New Mexico State Land Office before commencement of the commingling operations

Sincerely,

A handwritten signature in black ink, appearing to read "Jami Bailey". The signature is fluid and cursive, with the first name "Jami" and last name "Bailey" clearly distinguishable.

Jami Bailey
Division Director

JB/db

cc: Oil Conservation Division District Office – Aztec
New Mexico State Land Office
United States Bureau of Land Management.

Merion Oil & Gas
CPD-North Dufers Point #97133

#2 List of All Wells and Connection Date to the CPD

Well	API	Lease	Lline N/S	Lline E/W	Sec	TNSP	RNG	Lat	Long	Meter #	Connected to CPD
CPD Meter										97-133	
Federal A2	30-045-26536	NMN14580A	940S	790E	11	24-N	8-W	N36°19'43"	W107°38'73"	Chart	1/1/1992
Federal A3	30-045-26525	NMN14580A	2270N	790E	10	24-N	8-W	N36°32'24"	W107°56'34"	Chart	1/1/1992
Federal A1	30-045-22225	NMN14580A	970S	1700E	10	24-N	8-W	N36°19'44"	W107°39'55"	Chart	1/1/1992
Jalapeño 1	30-045-25580	State	790N	1850W	18	25-N	8-W	N36°24'35"	W107°41'43"	Chart	1/1/1992
Roadrunner 1	30-045-26579	State	2310N	330W	2	24-N	8-W	N36°20'62"	W107°39'59"	Chart	1/1/1992
Shoofly 1	30-045-26133	NMN16589	780N	1650W	14	24-N	8-W	N36°19'141'	W107°39'291'	Chart	1/1/1992
Shoofly 2	30-045-26322	NMN16589	970N	790E	15	24-N	8-W	N36°19'115'	W107°39'790'	Chart	1/1/1992
Stephenson 2	30-045-25931	NMSF078475	1880S	660E	7	25-N	8-W	N36°24'814'	W107°42'885'	Chart	1/1/1992
Stephenson 3	30-045-25985	NMSF078475	1880S	1880W	8	25-N	8-W	N36°24'816'	W107°42'442'	Chart	1/1/1992
Stephenson 4	30-045-25988	NMSF078475	1680S	1880E	8	25-N	8-W	N36°24'800'	W107°42'173'	Chart	1/1/1992
Wagon Train 1	30-045-25812	NMN54982	1750S	820E	6	25-N	8-W	N36°25'637'	W107°42'996'	Chart	1/1/1992
Warito 1	30-045-25376	NOOC14205008	790N	1810E	7	25-N	8-W	N36°25'233'	W107°43'216'	Chart	1/1/1992
Wild Hare 1	30-045-26014	NMN47167	970N	970W	11	24-N	8-W	N36°19'973'	W107°39'481'	Chart	1/1/1992
SOB Federal 1	30-045-25827	NMN47169	1850N	990W	8	25-N	8-W	N36°25'056'	W107°42'649'	Chart	1/1/1992
Horsefly 1	30-045-26310	NMN14580	790S	790W	11	24-N	8-W	N36°19'400'	W107°39'471'	Chart	1/1/1992
Yuca Com 1	30-045-26584	State	1850N	790E	2	25-N	9-W	N36°25'942'	W107°45'157'	Chart	1/1/1992

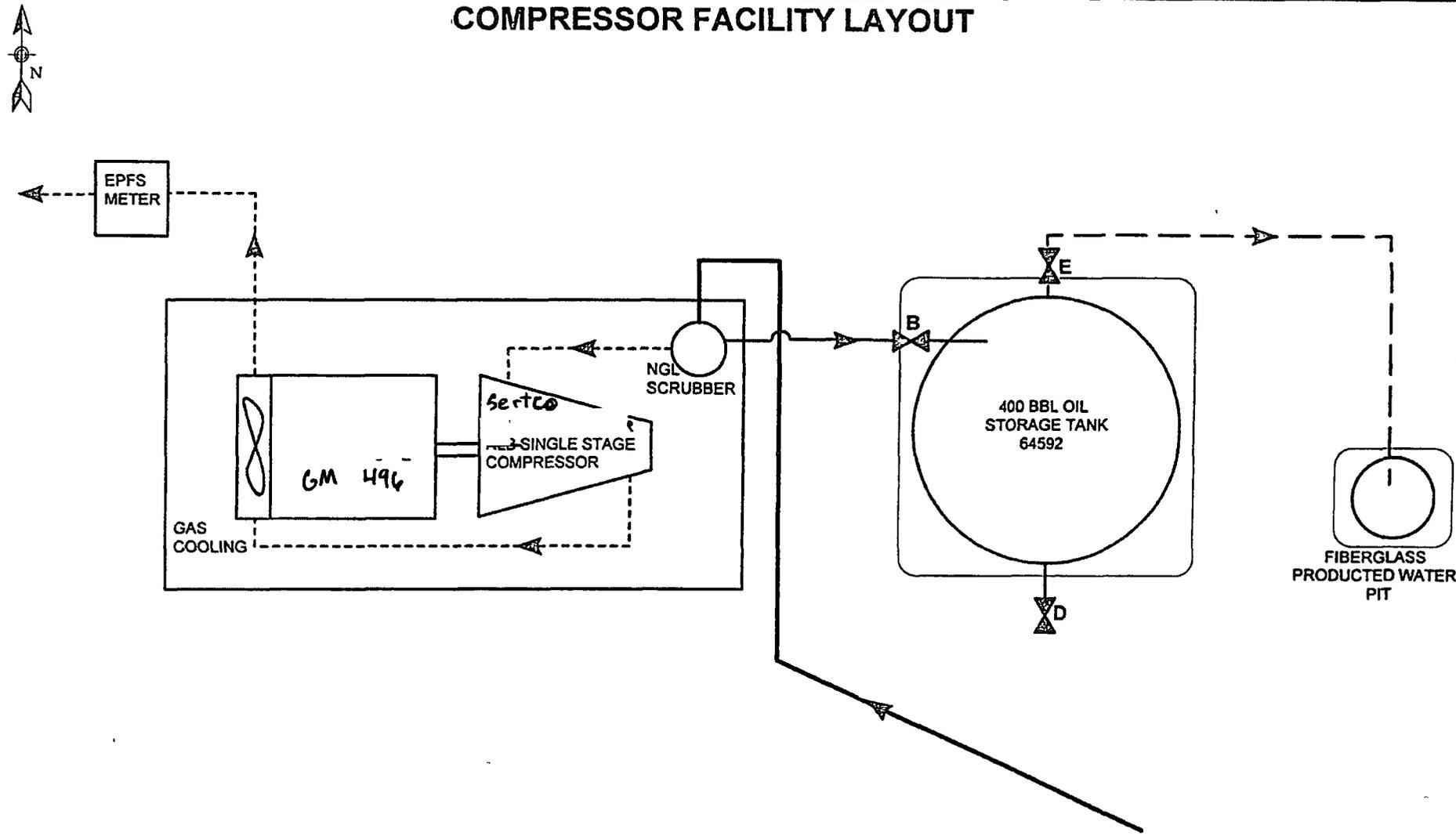
Keeling #1 30-045-05299 SF-078474 990N 1750E 20 25N 8W N36.390934 W-107.7019274 Chart Waiting on line

Red Indicates Crow Mesa Area (T24N R8W), all others (T25N R8/9W) are North Dufers Point Area

Exhibit A to Order P/C-387

#15

COMPRESSOR FACILITY LAYOUT



FLUID FLOW LEGEND

- Total Production
- Oil
- - - Water
- - - Gas
- - - Diesel

VALVE SEAL LEGEND

- A - Sealed Closed at All Times.
- B - Sealed Open for Production, Sealed Closed for Sales
- C - Sealed Closed for Sale at Either Tank
- D - Sealed Closed for Production, Open for Sales.
- E - Normally Sealed Closed Except to Haul Water

Merron Oil & Gas Corp.
 North Dufer's Point
 Central Compression Facility, CPD
 Section 1, T25N, R9W
 Rio Arriba County
 (Not to Scale)

Drawn by Connie Dinning, 7/3/96

McMillan, Michael, EMNRD

From: Philana Thompson <pthompson@merrion bz>
Sent: Monday, June 5, 2017 3 24 PM
To: McMillan, Michael, EMNRD
Subject: Re North Dufer CPD application

NMSLO certified letter tracking #70160910000123657776

On Mon, Jun 5, 2017 at 3 18 PM, Philana Thompson <pthompson@merrion bz> wrote
I did not make a copy of the envelope, can I send a copy of the signed green card when I receive it or is the email correspondence enough?

On Mon, Jun 5, 2017 at 3 12 PM, McMillan, Michael, EMNRD <Michael McMillan@state.nm us> wrote

Proof of mailing only, not return receipts

mike

From: Philana Thompson [mailto: pthompson@merrion bz]
Sent: Monday, June 5, 2017 2 59 PM

To: McMillan, Michael, EMNRD <Michael McMillan@state nm us>
Subject: Re North Dufer CPD application

I thought you wanted the returned registered mail card (which we have not got back from them yet) I can forward the email communication I have going with them

On Mon, Jun 5, 2017 at 2 56 PM, McMillan, Michael, EMNRD <Michael McMillan@state nm us> wrote

Where is the NMSLO proof of mailing?

Mike

From: McMillan, Michael, EMNRD
Sent: Friday, June 2, 2017 10 56 AM

To: 'Philana Thompson' <pthompson@merrion bz>
Subject: RE: North Dufer CPD application

McMillan, Michael, EMNRD

From: Philana Thompson <pthompson@merrion bz>
Sent: Monday, June 5, 2017 3:00 PM
To: McMillan, Michael, EMNRD
Subject: Fwd: Notice to working and royalty interest owners
Attachments: image001.png

----- Forwarded message -----

From: Gruebel, Marilyn <mgruebel@slo.state.nm.us>
Date: Fri, Jun 2, 2017 at 9:42 AM
Subject: RE: Notice to working and royalty interest owners
To: "pthompson@merrion bz" <pthompson@merrion bz>

Good morning, Philana –

Thanks for giving us a “heads up” on the commingling application. Because there is production from New Mexico State Trust acreage involved in the commingling, you are correct in sending an application to us.

In addition to the information you have included, we require an application letter addressed to the New Mexico Commissioner of Public Lands stating the type of permission desired and the reasons, accompanied by an application fee of \$150.

Please ensure that you have all necessary business leases and rights-of-way from the New Mexico State Land Office if surface facilities or flow lines involve State Trust acreage.

If you have any questions or if we may be of further assistance, my contact information is attached to this email.

Best regards,

Marilyn



Marilyn Gruebel

Units/Commingleing Manager

Oil, Gas & Minerals Division

505 827 5791

505 827.4739 Fax

New Mexico State Land Office

310 Old Santa Fe Trail

P O Box 1148

Santa Fe, NM 87504-1148

mgruebel@slo state nm us

www slo state nm us

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CONFIDENTIALITY NOTICE This e-mail, including all attachments is for the sole use of the intended recipient[s] and may contain confidential and/or privileged information. Any unauthorized review, use, copying, disclosure or distribution is prohibited, unless specifically provided under the New Mexico Inspection of Public Records Act. If you are not the intended recipient, please contact the sender at once and destroy all copies of this message.

From: Philana Thompson [mailto:pthompson@merrion.bz]

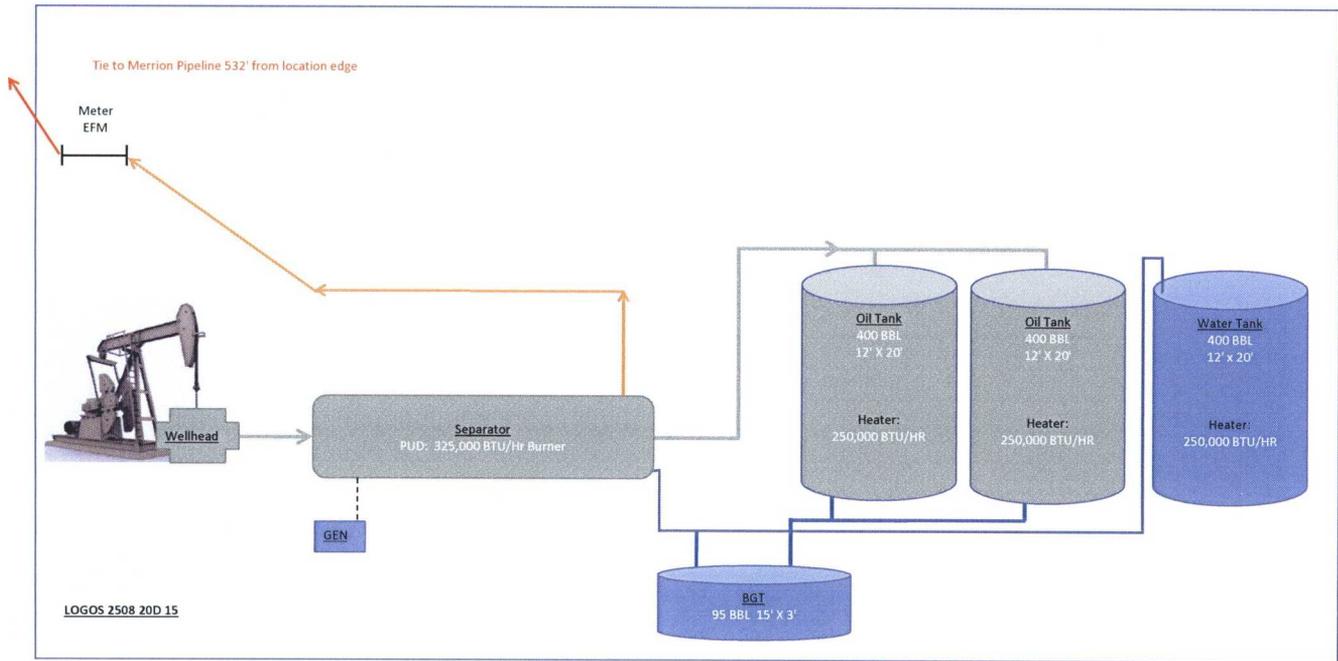
Sent: Thursday, June 01, 2017 4:26 PM

To: Martinez, Danny - Royalty <DMartinez@slo.state.nm.us>, Warnell, Terry <twarnell@slo.state.nm.us>

Subject: Notice to working and royalty interest owners

Please see the attached proposal to add a well to our North Dufers CPD

PROCESS FLOW DIAGRAM





Prod Alloc - Delivery System to Well-State Volumes

December 2016

Code	Name	State	State Begin Inv	State Oil Prod	State Oil Sales	State Other Disp	State End Inv	State Gas Prod	State Gas Sales	State Gas MMBtu	State Gas O D	State Gas Inj	State Water Prod	State Water Injected	Days Up	
Code CPDNPDDS1 North Dufers Point CPD																
0258 01	Federal A1 GL	NM	379	104	0	0	483	414	258	344	156	0	10	0	26	
0259 01	Federal A2 GL	NM	171	0	0	0	171	0	0	0	0	0	0	0	0	
0344 01	Horsefly 1 GL	NM	314	0	0	0	314	0	0	0	0	0	0	0	0	
0363 01	Jalapeno 1 GL	NM	224	0	0	0	224	276	102	136	174	0	0	0	31	
0383 01	Keeling 1 GL	NM	145	30	0	0	175	842	695	926	147	0	50	0	31	
0505 01	Roadrunner 1 GL	NM	99	0	0	0	99	211	65	86	146	0	0	0	27	
0525 01	Shoofly 1 GL	NM	245	0	0	0	245	105	22	29	83	0	0	0	16	
0526 01	Shoofly 2 GL	NM	244	0	0	0	244	0	0	0	0	0	0	0	0	
0538 01	SOB Federal 1 GL	NM	299	0	0	0	299	0	0	0	0	0	0	0	0	
0562 01	Stephenson 2 GL	NM	39	0	0	0	39	0	0	0	0	0	0	0	0	
0563 01	Stephenson 3 GL	NM	203	0	0	0	203	0	0	0	0	0	0	0	0	
0564 01	Stephenson 4 GL	NM	315	6	0	0	321	454	254	277	200	0	20	0	30	
0596 01	Wagon Train 1 GL	NM	357	5	191	2	169	1 283	1 009	1 345	274	0	10	0	31	
0597 01	Wanto 1 GL	NM	311	0	0	0	311	199	43	58	156	0	0	0	30	
0615 01	Wild Hare 1 GL	NM	89	0	0	0	89	0	0	0	0	0	0	0	0	
0621 01	Yucca Com 1 GL	NM	150	0	0	0	150	0	0	0	0	0	0	0	0	
Alloc Totals for North Dufers Point CP			3,584	145	191	2	3,536	3 784	2 448	3,201	1,336	0	90	0		
Report Totals			3,584	145	191	2	3,536	3 784	2,448	3,201	1,336	0	90	0		



Prod Alloc - Delivery System to Well-State Volumes

January 2017

Code	Name	State	State Begin Inv	State Oil Prod	State Oil Sales	State Other Disp	State End Inv	State Gas Prod	State Gas Sales	State Gas MMBtu	State Gas O D	State Gas Inj	State Water Prod	State Water Injected	Days Up	
Code CPDNPDDS1 North Dufers Point CPD																
0258 01	Federal A1 GL	NM	483	0	0	0	483	0	0	0	0	0	0	0	0	
0259 01	Federal A2 GL	NM	171	0	0	0	171	0	0	0	0	0	0	0	0	
0344 01	Horsefly 1 GL	NM	314	21	184	0	151	174	96	128	78	0	5	0	13	
0363 01	Jalapeno 1 GL	NM	224	0	0	0	224	319	146	195	173	0	0	0	31	
0383 01	Keeling 1 GL	NM	175	29	0	0	204	702	614	821	88	0	35	0	31	
0505 01	Roadrunner 1 GL	NM	99	0	0	0	99	0	0	0	0	0	0	0	0	
0525 01	Shoofly 1 GL	NM	245	0	0	0	245	0	0	0	0	0	0	0	0	
0526 01	Shoofly 2 GL	NM	244	62	0	0	306	353	176	236	177	0	5	0	31	
0538 01	SOB Federal 1 GL	NM	299	0	0	0	299	0	0	0	0	0	0	0	0	
0562 01	Stephenson 2 GL	NM	39	0	0	0	39	152	0	0	152	0	0	0	31	
0563 01	Stephenson 3 GL	NM	203	0	0	0	203	0	0	0	0	0	0	0	0	
0564 01	Stephenson 4 GL	NM	321	43	189	0	175	641	428	468	213	0	30	0	31	
0596 01	Wagon Train 1 GL	NM	169	21	0	0	190	1 352	1 137	1 519	215	0	20	0	27	
0597 01	Wanto 1 GL	NM	311	44	0	0	355	291	130	174	161	0	25	0	31	
0615 01	Wild Hare 1 GL	NM	89	0	0	0	89	0	0	0	0	0	0	0	0	
0621 01	Yucca Com 1 GL	NM	150	28	0	0	178	1 166	887	1 185	279	0	30	0	31	
Alloc Totals for North Dufers Point CP			3,536	248	373	0	3,411	5 150	3,614	4,725	1,536	0	150	0		
Report Totals			3,536	248	373	0	3,411	5 150	3,614	4,725	1,536	0	150	0		



Prod Alloc - Delivery System to Well-State Volumes

February2017

Code	Name	State	State Begin Inv	State Oil Prod	State Oil Sales	State Other Disp	State End Inv	State Gas Prod	State Gas Sales	State Gas MMBtu	State Gas O D	State Gas Inj	State Water Prod	State Water Injected	Days Up
Code CPDNPDDS1 North Dufers Point CPD															
0258 01	Federal A1 GL	NM	483	0	0	0	483	308	173	227	135	0	0	0	28
0259 01	Federal A2 GL	NM	171	0	0	0	171	0	0	0	0	0	0	0	0
0344 01	Horsefly 1 GL	NM	151	0	0	0	151	0	0	0	0	0	0	0	0
0363 01	Jalapeno 1 GL	NM	224	0	0	0	224	246	95	124	151	0	0	0	28
0383 01	Keeling 1 GL	NM	204	25	0	0	229	913	796	1 042	117	0	40	0	28
0505 01	Roadrunner 1 GL	NM	99	0	0	0	99	0	0	0	0	0	0	0	0
0525 01	Shoofly 1 GL	NM	245	0	0	0	245	183	65	85	128	0	0	0	24
0526 01	Shoofly 2 GL	NM	306	3	0	0	309	190	51	67	139	0	0	0	27
0538 01	SOB Federal 1 GL	NM	299	41	0	0	340	476	316	414	160	0	40	0	23
0562 01	Stephenson 2 GL	NM	39	0	0	0	39	0	0	0	0	0	0	0	0
0563 01	Stephenson 3 GL	NM	203	0	0	0	203	0	0	0	0	0	0	0	0
0564 01	Stephenson 4 GL	NM	175	39	0	0	214	408	236	256	172	0	35	0	28
0596 01	Wagon Train 1 GL	NM	190	13	0	0	203	1 283	1 072	1 403	211	0	10	0	27
0597 01	Wanto 1 GL	NM	355	3	0	0	358	269	115	151	154	0	0	0	28
0615 01	Wild Hare 1 GL	NM	89	0	0	0	89	0	0	0	0	0	0	0	0
0621 01	Yucca Corn 1 GL	NM	178	7	0	0	185	417	248	325	169	0	0	0	27
Alloc Totals for North Dufers Point CP			3 411	131	0	0	3,542	4,703	3,167	4,092	1,536	0	125	0	
Report Totals			3,411	131	0	0	3,542	4 703	3,167	4,092	1,536	0	125	0	



Prod Alloc - Delivery System to Well-State Volumes

March2017

Code	Name	State	State Begin Inv	State Oil Prod	State Oil Sales	State Other Disp	State End Inv	State Gas Prod	State Gas Sales	State Gas MMBtu	State Gas O D	State Gas Inj	State Water Prod	State Water Injected	Days Up
Code CPDNPDDS1 North Dufers Point CPD															
0258 01	Federal A1 GL	NM	483	0	0	0	483	96	18	23	78	0	0	0	19
0259 01	Federal A2 GL	NM	171	0	0	0	171	155	67	88	88	0	0	0	16
0344 01	Horsefly 1 GL	NM	151	44	0	0	195	288	118	155	170	0	5	0	31
0363 01	Jalapeno 1 GL	NM	224	0	0	0	224	350	172	225	178	0	0	0	31
0383 01	Keeling 1 GL	NM	229	20	0	0	249	528	458	599	70	0	30	0	31
0505 01	Roadrunner 1 GL	NM	99	0	0	0	99	0	0	0	0	0	0	0	0
0525 01	Shoofly 1 GL	NM	245	0	0	0	245	170	41	54	129	0	0	0	25
0526 01	Shoofly 2 GL	NM	309	157	178	0	268	338	160	209	176	0	5	0	31
0538 01	SOB Federal 1 GL	NM	340	0	0	0	340	0	0	0	0	0	0	0	0
0562 01	Stephenson 2 GL	NM	39	0	0	0	39	166	63	82	103	0	0	0	19
0563 01	Stephenson 3 GL	NM	203	0	0	0	203	91	11	15	80	0	0	0	16
0564 01	Stephenson 4 GL	NM	214	48	0	0	262	438	248	269	190	0	30	0	31
0596 01	Wagon Train 1 GL	NM	203	14	0	0	217	1 815	1 523	1 993	292	0	20	0	31
0597 01	Wanto 1 GL	NM	358	0	0	0	358	281	112	147	169	0	0	0	31
0615 01	Wild Hare 1 GL	NM	89	0	0	0	89	113	38	49	75	0	0	0	14
0621 01	Yucca Corn 1 GL	NM	185	39	0	0	224	578	370	484	208	0	20	0	31
Alloc Totals for North Dufers Point CP			3 542	322	178	0	3 686	5 405	3 399	4,393	2,006	0	110	0	
Report Totals			3,542	322	178	0	3,686	5,405	3 399	4,393	2,006	0	110	0	



Prod Alloc - Delivery System to Well-State Volumes

April 2017

Code	Name	State	State Begin Inv	State Oil Prod	State Oil Sales	State Other Disp	State End Inv	State Gas Prod	State Gas Sales	State Gas MMBtu	State Gas O D	State Gas Inj	State Water Prod	State Water Injected	Days Up
Code CPDNPDDS1 North Dufers Point CPD															
0258 01	Federal A1 GL	NM	483	113	191	0	405	436	279	366	157	0	0	0	30
0259 01	Federal A2 GL	NM	171	0	0	0	171	0	0	0	0	0	0	0	0
0344 01	Horsefly 1 GL	NM	195	9	0	0	204	5	0	0	5	0	10	0	1
0363 01	Jalapeno 1 GL	NM	224	0	0	0	224	282	119	156	163	0	0	0	30
0383 01	Keelling 1 GL	NM	249	40	0	0	289	74	65	85	9	0	0	0	30
0505 01	Roadrunner 1 GL	NM	99	0	0	0	99	0	0	0	0	0	0	0	0
0525 01	Shoofly 1 GL	NM	245	225	190	0	280	369	195	255	174	0	0	0	30
0526 01	Shoofly 2 GL	NM	288	5	0	0	293	246	87	113	159	0	0	0	30
0538 01	SOB Federal 1 GL	NM	340	0	189	0	151	1 021	767	1 005	254	0	80	0	30
0562 01	Stephenson 2 GL	NM	39	0	0	0	39	278	115	150	163	0	0	0	30
0563 01	Stephenson 3 GL	NM	203	0	0	0	203	0	0	0	0	0	0	0	0
0564 01	Stephenson 4 GL	NM	262	53	0	0	315	457	272	285	185	0	15	0	30
0586 01	Wagon Train 1 GL	NM	217	10	0	0	227	1 561	1 322	1 731	239	0	15	0	28
0597 01	Wanto 1 GL	NM	358	37	183	0	212	316	148	194	168	0	0	0	30
0615 01	Wild Hare 1 GL	NM	89	0	0	0	89	0	0	0	0	0	0	0	0
0621 01	Yucca Com 1 GL	NM	224	0	0	0	224	402	224	293	178	0	0	0	30
Alloc Totals for North Dufers Point CP			3 686	492	753	0	3 425	5,447	3,593	4 644	1,854	0	120	0	
Report Totals			3,686	492	753	0	3 425	5 447	3 593	4,644	1,854	0	120	0	



Prod Alloc - Delivery System to Well-State Volumes

May 2017

Code	Name	State	State Begin Inv	State Oil Prod	State Oil Sales	State Other Disp	State End Inv	State Gas Prod	State Gas Sales	State Gas MMBtu	State Gas O D	State Gas Inj	State Water Prod	State Water Injected	Days Up
Code CPDNPDDS1 North Dufers Point CPD															
0258 01	Federal A1 GL	NM	405	37	11	0	431	122	0	0	122	0	0	0	31
0259 01	Federal A2 GL	NM	171	0	0	0	171	0	0	0	0	0	0	0	0
0344 01	Horsefly 1 GL	NM	204	158	203	0	159	819	603	788	216	0	0	0	29
0363 01	Jalapeno 1 GL	NM	224	7	7	0	224	317	147	192	170	0	0	0	31
0383 01	Keelling 1 GL	NM	289	52	210	65	66	559	498	651	61	0	35	0	31
0505 01	Roadrunner 1 GL	NM	99	0	0	0	99	0	0	0	0	0	0	0	0
0525 01	Shoofly 1 GL	NM	280	6	4	0	282	298	130	171	168	0	0	0	31
0526 01	Shoofly 2 GL	NM	293	146	187	0	252	325	154	201	171	0	2	0	31
0538 01	SOB Federal 1 GL	NM	151	46	0	0	197	5	0	0	5	0	0	0	1
0562 01	Stephenson 2 GL	NM	39	6	5	0	40	143	123	161	20	0	0	0	1
0563 01	Stephenson 3 GL	NM	203	0	0	0	203	0	0	0	0	0	0	0	0
0564 01	Stephenson 4 GL	NM	315	54	17	0	352	478	291	315	187	0	15	0	31
0586 01	Wagon Train 1 GL	NM	227	76	79	0	224	1 648	1 414	1 850	234	0	10	0	31
0597 01	Wanto 1 GL	NM	212	8	8	0	212	321	151	197	170	0	0	0	31
0615 01	Wild Hare 1 GL	NM	89	0	0	0	89	0	0	0	0	0	0	0	0
0621 01	Yucca Com 1 GL	NM	224	66	21	0	269	960	720	942	240	0	25	0	31
Alloc Totals for North Dufers Point CP			3 425	662	752	65	3 270	5 995	4 231	5 468	1 764	0	87	0	
Report Totals			3,425	662	752	65	3,270	5,995	4,231	5 468	1,764	0	87	0	

State of New Mexico
Energy, Minerals and Natural Resources Department

Susana Martinez
Governor

David Martin
Cabinet Secretary-Designate

Brett F. Woods, Ph D
Deputy Cabinet Secretary

Jami Bailey, Division Director
Oil Conservation Division



November 27, 2013

ADMINISTRATIVE POOL/LEASE COMMINGLING ORDER

Administrative Order PLC-387
Administrative Application Reference No. pPRG1328952265

Merrion Oil & Gas Corp
Attn: Mr. Ryan Davis

Pursuant to your application received on October 15, 2013, Merrion Oil & Gas Corp (OGRID 14634) is hereby authorized to surface commingle **gas production only** from the following pools located in Eddy County, New Mexico.

Dufers Point; Gallup-Dakota (Oil) 19859
Escrito; Gallup (Associated) 22619

and from the following diversely owned wells located in said county:

See Exhibit A attached hereto.

The commingled gas production shall be measured and sold at the North Dufers Central Delivery Point in Township 25 North, Range 8W, San Juan County. **Production from each of the wells shall be separately metered.** Meters shall be calibrated in accordance with Rule 19.15.12.10.C(2)(b).

The operator shall notify the transporter of this commingling authority.

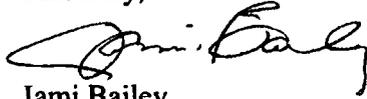
The operator shall notify the Aztec district office of the Division upon commencement of commingling operations.

November 27, 2013

Page 2

This approval is subject to like approval from the United States Bureau of Land Management and the New Mexico State Land Office before commencement of the commingling operations

Sincerely,

A handwritten signature in black ink, appearing to read "Jami Bailey". The signature is fluid and cursive, with the first name "Jami" and last name "Bailey" clearly distinguishable.

Jami Bailey
Division Director

JB/db

cc: Oil Conservation Division District Office – Aztec
New Mexico State Land Office
United States Bureau of Land Management.

Merrion Oil & Gas
 CPD - North Dufers Point #97133

#2 List of All Wells and Connection Date to the CPD

Well	API	Lease	Line N/S	Line E/W	Sec	TNSP	RNG	Lat	Long	Meter #	Connected to CPD
CPD Meter										97-133	
Federal A2	30-045-26538	NMNM14580A	940S	780E	11	24-N	8-W	N36°19.432'	W107°38.733'	Chart	1/1/1992
Federal A3	30-045-26525	NMNM14580A	2270N	780E	10	24-N	8-W	N36.328242	W107.663444	Chart	1/1/1992
Federal A1	30-045-22225	NMNM14580A	970S	1700E	10	24-N	8-W	N36°19.444'	W107°39.955'	Chart	1/1/1992
Jalisco 1	30-045-26580	State	790N	1650W	16	25-N	8-W	N36°24.358'	W107°41.439'	Chart	1/1/1992
Roadrunner 1	30-045-26579	State	2310N	330W	2	24-N	8-W	N36°20.828'	W107°39.693'	Chart	1/1/1992
Shoofly 1	30-045-26133	NMNM16589	790N	1650W	14	24-N	8-W	N36°19.141'	W107°39.291'	Chart	1/1/1992
Shoofly 2	30-045-26122	NMNM16589	970N	780E	15	24-N	8-W	N36°19.115'	W107°39.780'	Chart	1/1/1992
Stephenson 2	30-045-26931	NMSF078475	1980S	680E	7	25-N	8-W	N36°24.814'	W107°42.985'	Chart	1/1/1992
Stephenson 3	30-045-26985	NMSF078475	1980S	1980W	8	25-N	8-W	N36°24.815'	W107°42.442'	Chart	1/1/1992
Stephenson 4	30-045-26988	NMSF078475	1980S	1980E	8	25-N	8-W	N36°24.600'	W107°42.173'	Chart	1/1/1992
Wagon Train 1	30-045-25912	NMNM54982	1760S	820E	6	25-N	8-W	N36°25.637'	W107°42.996'	Chart	1/1/1992
Warho 1	30-045-25376	NOOC14205008	790N	1810E	7	25-N	8-W	N36°25.233'	W107°43.216'	Chart	1/1/1992
Wild Hare 1	30-045-26014	NMNM47167	970N	970W	11	24-N	8-W	N36°19.973'	W107°39.481'	Chart	1/1/1992
SOB Federal 1	30-045-25927	NMNM47169	1860N	990W	8	25-N	8-W	N36°25.058'	W107°42.649'	Chart	1/1/1992
Horseshy 1	30-045-26310	NMNM014580	790S	790W	11	24-N	8-W	N36°19.400'	W107.39.471'	Chart	1/1/1992
Yucca Corn 1	30-045-26584	State	1850N	790E	2	25-N	8-W	N36°25.942'	W107°45.157'	Chart	1/1/1992

Keeling #1 30-045-05299 SF-078474 990N 1750E 20 25N 8W N36.390934 W-107.7019274 Chart Waiting on line

Red indicates Crow Mesa Area (T24N R8W), all others (T25N R8/9W) are North Dufers Point Area

Exhibit A to Order P2C-387