

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

1. Operator Name and Address MERRION OIL & GAS CORP 610 REILLY AVE FARMINGTON , NM 874012634		2. OGRID Number 14634
		3. API Number 30-045-34405
4. Property Code 26819	5. Property Name HEIGHTS COM	6. Well No. 001Z

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
A	35	30N	13W	A	637	N	753	E	SAN JUAN

8. Pool Information

BASIN DAKOTA (PRORATED GAS)	71599
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Additional Well Information

9. Work Type New Well	10. Well Type GAS	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 5696
14. Multiple N	15. Proposed Depth	16. Formation Dakota Formation	17. Contractor	18. Spud Date 9/15/2007
Depth to Ground water 101		Distance from nearest fresh water well		Distance to nearest surface water
Pit: Liner: Synthetic ☐ mls thick Clay ☐ Pit Volume: bbls Drilling Method: Closed Loop System ☒ Fresh Water ☐ Brine ☐ Diesel/Oil-based ☐ Gas/Air ☐				

19. Proposed Casing and Cement Program

Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	12.25	8.625	24	320	224	
Prod	7.875	4.5	10.5	7400	1574	

Casing/Cement Program: Additional Comments

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Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
DoubleRam	2000	2000	

I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines ☐ , a general permit ☐ , or an (attached) alternative OCD-approved plan ☐. Printed Name: Electronically filed by Esther Greyeyes Title: Production Tech Email Address: ejgreyeyes@merrion.bz Date: 8/23/2007 Phone: 505-324-5310	OIL CONSERVATION DIVISION	
	Approved By: Charlie Perrin	
	Title: District Supervisor	
	Approved Date: 9/4/2007	Expiration Date: 9/4/2008
	Conditions of Approval Attached	

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88200
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Mining Resources Department
OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C - 102
Revised October 12, 2005
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

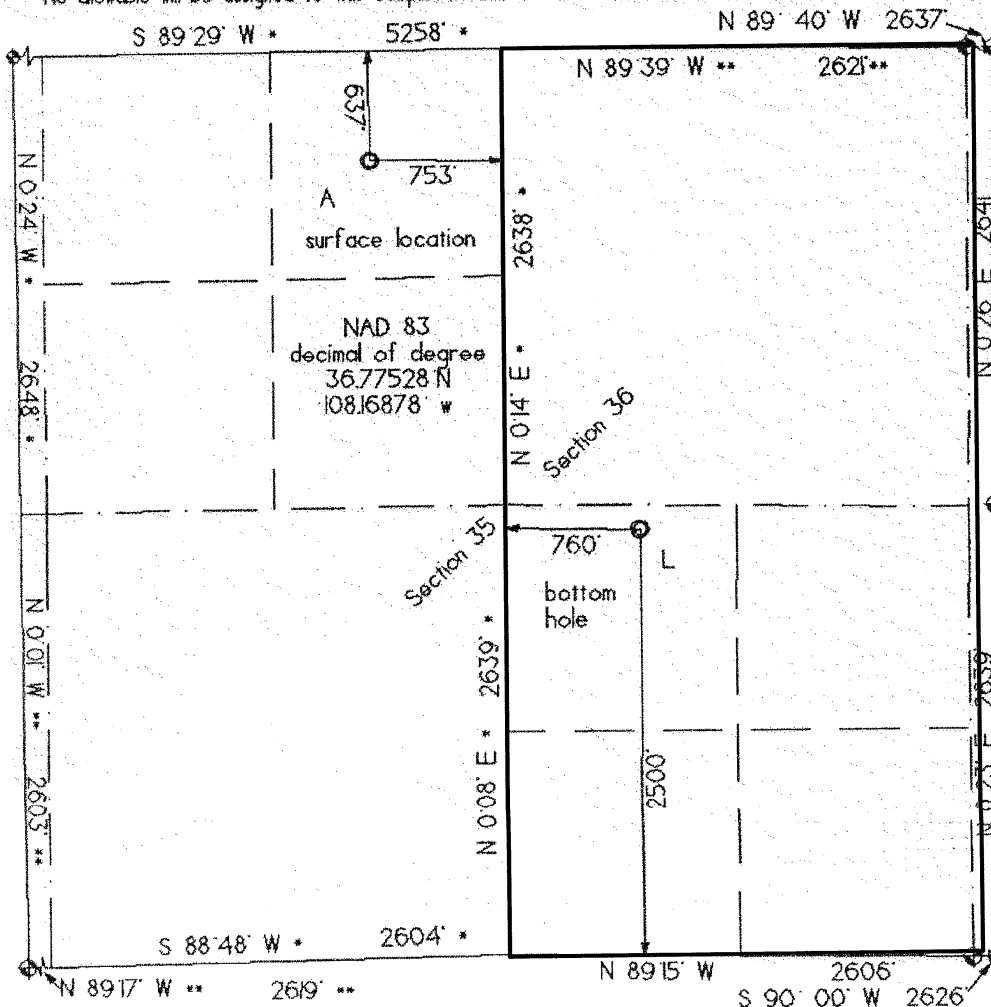
☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

APA Number		Pool Code	Pool Name
		71599	Basin Dakota
Property Code	Property Name		Well Number
026819	Heights		1 Z
DGRD No.	Operator Name		Elevation
014634	MERRION OIL & GAS		5696'

Surface Location									
UL or Lot	Sec.	Twp.	Rge.	Lot Idn.	Feet from >	North/South	Feet from >	East/West	County
A	35	30 N.	13 W.	A	637'	NORTH	753'	EAST	SAN JUAN
Bottom Hole Location If Different From Surface									
UL or Lot	Sec.	Twp.	Rge.	Lot Idn.	Feet from >	North/South	Feet from >	East/West	County
	36	30 N.	13 W.	L	2500'	SOUTH	760'	WEST	SAN JUAN
Dedicated Acres		Joint or Infill		Consolidation Code		Order No.			
320		Infill							

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.



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 unleased mineral interest in the land including the bottom hole location or has a right to drill the well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pool agreement or a compulsory pooling order heretofore entered by the division.	
Date	8/20/07
Signature	<i>[Signature]</i>
Printed Name	Connie S. Dinning
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.	
Date of survey	07 18 '07
Signature and Seal of Professional Surveyor	<i>[Signature]</i>
Certificate Number	6844

Permit Comments

Operator: MERRION OIL & GAS CORP , 14634

Well: HEIGHTS COM #001Z

API: 30-045-34405

Created By	Comment	Comment Date
KSHARP	Federal Minerals. Submit to BLM	8/23/2007

Permit Conditions of Approval

Operator: MERRION OIL & GAS CORP , 14634

Well: HEIGHTS COM #001Z

API: 30-045-34405

OCD Reviewer	Condition
SHAYDEN	Will require a directional survey with the C-104
SHAYDEN	