

1. Operator Name and Address MACK ENERGY CORP PO BOX 960 ARTESIA , NM 88211		2. OGRID Number 13837
		3. API Number 30-015-37972
4. Property Code 38234	5. Property Name JACK FROST STATE COM	6. Well No. 001

UL - Lot H	Section 36	Township 16S	Range 27E	Lot Idn H	Feet From 1675	N/S Line N	Feet From 330	E/W Line E	County EDDY
---------------	---------------	-----------------	--------------	--------------	-------------------	---------------	------------------	---------------	----------------

EMPIRE: WOLFCAMP, NORTHWEST	97286
-----------------------------	-------

9. Work Type New Well	10. Well Type OIL	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 3496
14. Multiple N	15. Proposed Depth 10589	16. Formation Wolfcamp	17. Contractor	18. Spud Date 7/15/2010
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water
Pit: Liner: Synthetic <input type="checkbox"/> mls thick Clay <input type="checkbox"/> Pit Volume: bbls Drilling Method: Closed Loop System <input type="checkbox"/> Fresh Water <input checked="" type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	12.25	9.625	36	400	400	0
Int1	8.75	7	26	6250	1175	0
Prod	6.125	4.5	11.6	10589	0	

Mack Energy proposes to drill a 12 1/4" hole to 400', run 9 5/8" casing and cement to surface. Drill 8 3/4" hole to 6250' run 7" casing and cement. Drill 6 1/8" hole to 10,589'. Run 4 1/2" casing from 5600' to TD, set with Peak Completion Packer System.

Type	Working Pressure	Test Pressure	Manufacturer
DoubleRam	3000	3000	

Conditions of Approval Attached

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(505) 393-6161 Fax:(505) 393-0720

District II
1301 W. Grand Ave., Artesia, NM 88210
Phone:(505) 748-1283 Fax:(505) 748-9720

District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

Form C-102
Permit 116765

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-015-37972	2. Pool Code 97286	3. Pool Name EMPIRE; WOLFCAMP, NORTHWEST
4. Property Code 38234	5. Property Name JACK FROST STATE COM	6. Well No. 001
7. OGRID No. 13837	8. Operator Name MACK ENERGY CORP	9. Elevation 3496

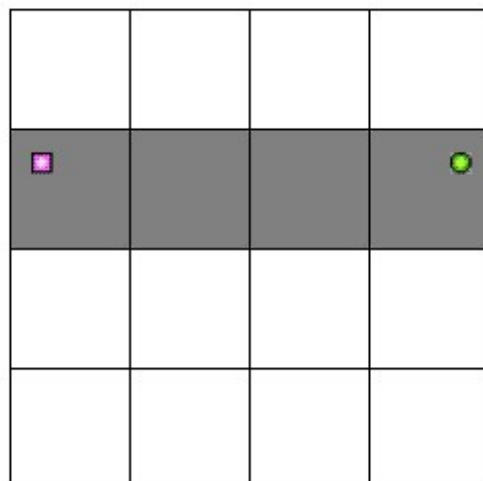
10. Surface Location

UL - Lot H	Section 36	Township 16S	Range 27E	Lot Idn	Feet From 1675	N/S Line N	Feet From 330	E/W Line E	County EDDY
---------------	---------------	-----------------	--------------	---------	-------------------	---------------	------------------	---------------	----------------

11. Bottom Hole Location If Different From Surface

UL - Lot E	Section 36	Township 16S	Range 27E	Lot Idn E	Feet From 1675	N/S Line N	Feet From 330	E/W Line W	County EDDY
12. Dedicated Acres 160.00		13. Joint or Infill		14. Consolidation Code			15. 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



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 proposed bottom hole location(s) or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

E-Signed By: Jerry Sherrell

Title: Production Clerk

Date: 7/2/2010

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.

Surveyed By: Ronald Eidson

Date of Survey: 6/16/2010

Certificate Number: 3239

Permit Comments

Operator: MACK ENERGY CORP , 13837

Well: JACK FROST STATE COM #001

API: 30-015-37972

Created By	Comment	Comment Date
JWSHERRELL	H2S concentrations of wells in this area from surface to TD are low enough that a contingency plan is not required.	7/1/2010

Permit Conditions of Approval

Operator: MACK ENERGY CORP , 13837

Well: JACK FROST STATE COM #001

API: 30-015-37972

OCD Reviewer	Condition
pkautz	Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string