

Submit 1 Copy To Appropriate District Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

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

WELL API NO. 30-045-34747
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Glade Park
8. Well Number 1
9. OGRID Number 037581
10. Pool name or Wildcat Wildcat Fruitland Sand
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 5326' GL

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other	
2. Name of Operator Thompson Engineering & Production Corp.	
3. Address of Operator 7415 East Main Street Farmington, NM 87402	
4. Well Location Unit Letter <u>F</u> : <u>2484</u> feet from the <u>north</u> line and <u>1861</u> feet from the <u>west</u> line Section <u>9</u> Township <u>29N</u> Range <u>13W</u> NMPM County <u>San Juan</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 5326' GL	

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐
CLOSED-LOOP SYSTEM ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐
OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Thompson Engineering & Production Corp. is planning to complete the Fruitland Sand with perfs. at 832'-846' (14'), 851'-853' (2'), and 857'-863' (6') on the above mentioned well with NSL # 6842 and Downhole Commingling order # 4629 on November 8, 2013.

RCVD NOV 7 '13
OIL CONS. DIV.
DIST. 3

Spud Date:

Rig Release Date:

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

SIGNATURE

Shasta Carley
Shasta Carley

TITLE Regulatory Clerk

DATE 11/6/2013

Type or print name

E-mail address: shasta@walsheng.net PHONE: 505-327-4892

For State Use Only

APPROVED BY:

Walt 10/27

TITLE

Deputy Oil & Gas Inspector,
District #3

DATE

NOV 07 2013

Conditions of Approval (if any):

PC

Walsh Engineering and Production

Completion Prognosis for
Thompson Engineering and Production Corp.

Glade Park #1

Location: NW/4 Sec 9 T29N R13W
San Juan County, NM
API: 30-045-34747
Field: Wildcat Fruitland Sand

Date: September 11, 2013

Surface: City of Farmington
Minerals: Fee

Elev: GL 5326'
KB 5'
5-1/2" at 1360' KB
PBSD at 1336' KB
Top of Marker Joint at 889.5' KB

Existing Fruitland Coal Perfs: 1002- 1127' KB

Objective: Single Stage Fruitland Sand Frac.

Procedure:

1. Prior to the frac job, install four frac tanks and fill with 2% KCl and City water.
2. Move on location and rig up a service rig. Pull and lay down 46 3/4" rods and a 2" X 1-1/2" X 12' RHAC pump. Nipple down the wellhead and nipple up a BOP. TOH with 37 joints of 2-3/8" tubing.
3. Rig up Wireline. Set a 5-1/2" composite bridge plug at approximately 930' KB. Nipple down the wellhead and install a 5000 psi frac valve. TIH to the BP and load the hole with 2% KCl water. TOH and lay down the tubing. Pressure test the plug and casing to 3500 psi.
4. Perforate the Fruitland Sand at:

832' - 846'	14'
851' - 853'	2'
857' - 863'	6'

at 3 spf. A total of 66 (0.37" holes).
5. Rig down wireline, service rig, and pipe trailer and clear the location.
6. Rig up frac crew. Breakdown the formation with water and spearhead 500 gal of 15% HCl acid. Frac the Fruitland Sand with 80,000# 16/30 Brady sand in a 20# crosslinked gel frac fluid with (0.5 gal/1000) clay stabilizer and 2 gal/1000 gal of micro-emulsion (CESI Chemical MA-844W or equivalent). Pump rates are expected to be 30 BPM. Maximum treating pressure is 3500 psi. Flush the sand to 750' with linear gel. Treat with the following schedule if pressures permit:

Stage	Gel Vol. (Gals.)	Sand Vol. (lbs.)
Pad	10,000	0
1.0 ppg	10,000	10,000
2.0 ppg	8,750	17,500
3.0 ppg	7,500	22,500
4.0 ppg	7,500	30,000
Flush	750	0
Totals	44,500	80,000

7. Rig down frac crew and flow well back to the flow back tank through a 1/4" choke until the well dies.
8. Move in the completion rig. Nipple down the frac valve and nipple up the tubing head and BOP. TIH with a bailer on 2-3/8" tubing and clean out the well to the BP at 930'KB. TOH and lay down the bailer.
9. TIH and land tubing with a tail joint and seating nipple below the bottom perf. Swab test the well.
10. If the well is not productive, squeeze the perfs with cement. If the well produces gas, load the casing with water. TOH and pick up a 4-3/4" bit. Drill out the composite BP and clean out the PBTD at 1336'. Re-run the tubing, pump, and rods as before and down hole commingle the production with the Fruitland Coal formation.

Paul C. Thompson, P.E.

District I

1625 N. French Dr., Hobbs, NM 88240
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District II

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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 117057

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30 - 045 - 34747	2. Pool Code 98051	3. Well Name wc 29N13W9; Fruitlandsand
4. Property Code 37222	5. Property Name GLADE PARK	6. Well No. 001
7. OGRID No. 14634	8. Operator Name MERRION OIL & GAS CORP	9. Elevation 5354

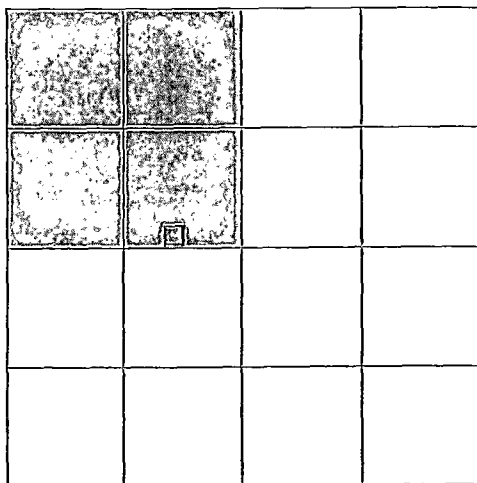
10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
EF	9	29N	13W		2484	N	1861	W	SAN JUAN

11. Bottom Hole Location If Different From Surface

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
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: *Melinda Thompson*
Title: *Regulatory Compliance Spec*
Date: *8/5/10*

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: Gerald Huddleston
Date of Survey: 9/1/2008
Certificate Number: 6844