

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

This well has been placed in the pool designated below
If you do not concur notify the Hobbs OCD office

State of New Mexico
Minerals & Natural Resources

RECEIVED

NOV 12 2009

HOBBSOCD

Form C-104
Revised October 15, 2009

Submit one copy to appropriate District Office

AMENDED REPORT

I. REQUEST FOR ALLOWABLE

TO TRANSPORT

Operator name and Address GMT EXPLORATION COMPANY, LLC 1560 BROADWAY, Suite 2000 Denver CO 80202		260511 ✓ Billing Code/ Effective Date NW
API Number 30-025-39186	Pool Name LA RICA; MORROW WEST (GAS)	Pool Code 79830 ✓
Property Code 31371 ✓	Property Name NW RAPTOR	Well Number 1 ✓

II. Surface Location

UI or lot no. I	Section 28	Township 18S	Range 34E	Lot Idn	Feet from the 1980	North/South Line	Feet from the 860	East/West line	County LEA ✓
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Bottom Hole Location

UL or lot no. I	Section 28	Township 18S	Range 34E	Lot Idn	Feet from the 1980	North/South line	Feet from the 860	East/West line	County LEA
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12 Use Code S	13 Producing Method Code F	14 Gas Connection Date 10/31/09	15 C-129 Permit Number	16 C-129 Effective Date	17 C-129 Expiration Date
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III. Oil and Gas Transporters

18 Transporter OGRID	19 Transporter Name and Address	20 O/G/W
22115	FRONTIER FIELD SERVICES, LLC 4200 EAST SKELLY DRIVE Ste 200 TULSA OK 74135	G

IV. Well Completion Data

21 Spud Date 12/27/08	22 Ready Date 10/31/09	23 TD 13800	24 PBDT 13723	25 Perforations 13316-13536	26 DHC, MC NA
27 Hole Size 7 7/8	28 Casing & Tubing Size 5 1/2 / 2 3/8	29 Depth Set 13,335' / 13,297'	30 Sacks Cement 2000		

V. Well Test Data

31 Date New Oil 10/3/09	32 Gas Delivery Date 10/3/09	33 Test Date 10/20/09	34 Test Length 24	35 Tbg. Pressure 4700	36 Csg. Pressure 3600
37 Choke Size 24/64	38 Oil 1.67	39 Water 88	40 Gas 181		41 Test Method F

42 I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief

Signature: *[Signature]*

Printed name: CHRISTI SPRINGFIELD

Title: REGULATORY AGENT

E-mail Address: c1springfield@gmtexploration.com

Date: 10/6/09 Phone: 720-946-3028

OIL CONSERVATION DIVISION

Approved by:

[Signature]

Title:

DISTRICT 1 SUPERVISOR

Approval Date:

NOV 20 2009

GMT Exploration Co., LLC

Well Bore Schematic

No scale

OGRID No. 260511

Well Name NW Raptor #1 (formerly NW Raptor 43-28 Fed. Com #1)
 Diagram Date 23-Mar-09 KEO
 Revisions/Updates 1-May-09 keo
 Surface Location Unit I - 860' FEL x 1980' FSL - NE/4 SE/4
 Sec-T-R Section 28 -T18S-R34E
 Field LaRica Morrow, West (Pool Code 79830)
 County Lea
 State New Mexico

API No 030-025-39186

Lease No.

G L Elevation 4019'

K.B. Elevation 4041'

BHT 158 F logs

Spud 27-Dec-08 DHS Rig #24

TD 14-Mar-09

Rig Release 18-Mar-09 81 days(spud-Rig Release)

Conductor 40' of 20" set in 30" hole & cemented 12-4-08.

Surface Casing: 13-3/8", 54.5#, J-55, ST&C, 55 joints set @ 1932', DS Cemented 1-4-09 with 1260 sxs Class C Lead (12.9ppg) and 200 sxs Class C Tail (14.8ppg), circ. Cmt to surface (90 bbls.) cmt stayed. Ran 13 Bow Spring centralizers.

Intermediate Casing: 9-5/8", 40#, N-80 & P-110 EC, LT&C set @ 5440'.

DS cemented on 1-17-09 with 1070 sxs 50/50 Poz Lead cmt (11.6 ppg) followed by 200 sxs Class C Tail (14.8ppg), good circ., 50 bbls. Cement back to surf.

Note 1: Ran Logs at ICP w/Schlumberger from 5423' to 1928', on 1-15-09

Note 2: 138 jts. Casing run (26jts. P110 on Btm, then 109 jts.N-80, & 3 jts P110 on top)

Production Casing: 5-1/2", 20#, P-110, LT&C set @ 13,335' KB, 335JTS PLUS 2 Marker joints

DS Cemented on 3-16-09, First Stage with 775 sxs TXI Liteweight cmt (13.0 ppg)

yield 1.41 ft3/ft, used 10% excess on openhole caliper. Good Circulation

Opened DV tool and circ. with rig pump for 6 hrs., saw a small amount of cement

Cemented Stage 2 with 775 sxs of 12.4 ppg Lead Cement, followed by

450 sxs of 13.0 ppg, TXI Lt. weight Tail cement. Designed top of cement =4500'

Good Circulation throughout job.

Production Casing Specs: 5-1/2" New 20# P-110, Sumitomo Seamless, LT&C Threads

Collapse =11,100 psi, Burst = 12,630 psi, Jt. Strength= 548,000 lbs., ID=4.778", Drift=4.653"

BBI/ft = 0.0222, Recommended Maximum Internal Test/Frac Pressure=10,500 psi (83% of burst rating).

Marker Joints:

on Pipe Tally

CBL

A) 12,945-12,971'

DV Tool) 10,399-10,402'

B) 8972-8994'

(Not run yet)

New 2-3/8" 4.7# EUE N-80 tubing run in well on 5/18/2009

Total of 415 jts of 2 3/8" N80 4.7# tubing with an RN (1.81" ID) nipple (1 jt up from bottom) & a Re-Entry guide.

EOT at 13,297'

CaseTech 5-1/2"
 P-110 DV Tool
 at 10,399'

Stage 2:	ZONE	DEPTH	Footage
	Morrow	13,376-13,385'	9
	Morrow	13,388-13,392'	4
			13 (65 holes)
Stage 1 :	ZONE	DEPTH	Footage
	Morrow	13,488-13,493'	5
	Morrow	13,504-13,506'	2
	Morrow	13,508-13,510'	2
	Morrow	13,530-13,536'	6
			15 (75 holes)

Schlumberger OHL Dated 3-14-09

PBTD 13,756'

FLOAT COL 13,799'

SHOE 13,788'

TD 13,788'

OHL

