

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

Form C-103
Revised July 18, 2013

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.)		WELL API NO. 30-025-33314
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator MAMMOTH EXPLORATION, LLC.		6. State Oil & Gas Lease No. 320488
3. Address of Operator 200 N. LORAIN ST., STE 1100 MIDLAND, TX 79701		7. Lease Name or Unit Agreement Name MORTON UNIT
4. Well Location Unit Letter B : 770 feet from the N line and 2450 feet from the E line Section 5 Township 15S Range 35E NMPM County LEA		8. Well Number 001
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4029 GR		9. OGRID Number 372233
		10. Pool name or Wildcat UPPER ATOKA SANDS

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: Recomplete w/in the same pool	<input checked="" type="checkbox"/>	OTHER:	<input type="checkbox"/>

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.

Please see attached.

Spud Date:

03/29/1996

Rig Release Date:

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

SIGNATURE

Griffin Hays
GRIFFIN HAYS

TITLE

REGULATORY MANAGER

DATE

1/24/2018

Type or print name

E-mail address: **griffin@mammothexp.com**

PHONE: **432-242-2834 ext. 108**

For State Use Only

APPROVED BY:

[Signature]

TITLE

Petroleum Engineer

DATE

02/07/18

Conditions of Approval (if any):

Morton State #1

High Plains Field

OBJECTIVE:

Perforation & Frac of the Upper Atoka Sands

WELL DATA:

API No. 30-025-33314

Legal Location: 770' FNL & 2150' FEL, Sec. 5, Township 15 South, Range 35 East, NMPM, LEA Co., N.M.

Elevation: 4023' GL

Surface Casing: 13 3/8" 48# H-40 @ 460'. Cmt'd w/ 500 sks.

Intermediate Casing: 8 5/8" 32# J-55 @ 6125'. Cmt'd w/ 2075 sks.

Production Casing: 5 1/2" 20# N-80 & 17# L-80 @ 13953'. Cmt'd w/ 800 sks. TOC @ 9320'.

Previous perms: Chester: 13407'-13426' @ 2 spf. (40 holes). Morrow: 13207'-14'; 13228'-43' @ 2 spf (48 holes). Lower Atoka: 12916'-33' @ 2spf (36 holes).

Marker Joints: 11856' & 12849' (CBL/CCL/GR log 7/22/96)

PBTD: RBP @ 13017'

TD: 13953'

Volumetric Capacities:

- Tubing = .00579 bbl/ft
- Annular = .0141 bbl/ft
- Casing = .0244 bbl/ft

Well Configuration:

- (1) RBP @ 13512'
- (2) RBP @ 13017' set above Morrow perforations.
- (3) 408 jts - 2 7/8" L-80 w/ O/O tool & Halliburton Guiberson Uni VI 5 1/2" packer @ 12780'.

PROCEDURE:

1. MIRUPU. Set (1) 500 bbl frac tank for flush/flowback.
2. ND WH. NU BOP. Send tree for service.
3. Release Guiberson Uni 6 packer, POOH w/packer & 2-7/8" tbg. Stand back tbg & LD packer. Tally pipe while POOH.
4. MIRU WL, set CIBP @ ~ 12,730' and dump bail 20' of cement. POOH.
5. Test casing & plug to 3000#s.

6. PU & RIH w/ 3 1/8" gamma perf guns. Perforate **12,530' – 12,550'** @ 6 spf (126 holes) using premium (deepest penetrating) charges.
7. POOH & RDMO WL company.
8. MIRU Tubing Testers. PU & Hyrdo-test 2-7/8" tubing above slips while RIH w/ 5 1/2" AS1X 10K packer to setting depth @ ~12,480'.
9. Circulate packer fluid, ND BOP, and space out for tree installation. Set packer and NU Tree. Test Tree to 3000#s.
10. Swab test well recording FL's & cuts. Report results.
11. MIRU Acid Company, breakdown perfs @ **12,530' – 12,550'**, & acidize Upper Atoka at 3-5 bpm with 3000 gals of 15% NEFE double inhibited HCL w/ 140 ball sealers evenly spaced. Preferably 5 stages pumping 600 gals/stage dropping 28 ball sealers each stage (140 total). Hold 1500#s on backside during Acid job.
12. Flush to top perf, ~ **75 bbls**. Record ISIP, 5, 10, & 15 min SIP's.
13. Flow well back and RU swab tools. Commence swabbing recording FL's & cuts. Report results.
14. Test well and turn over to production. Wait on decision for frac stimulation.

Note: Swab tests & fluid cuts will determine whether the zone warrants frac stimulation. Further instructions to follow.

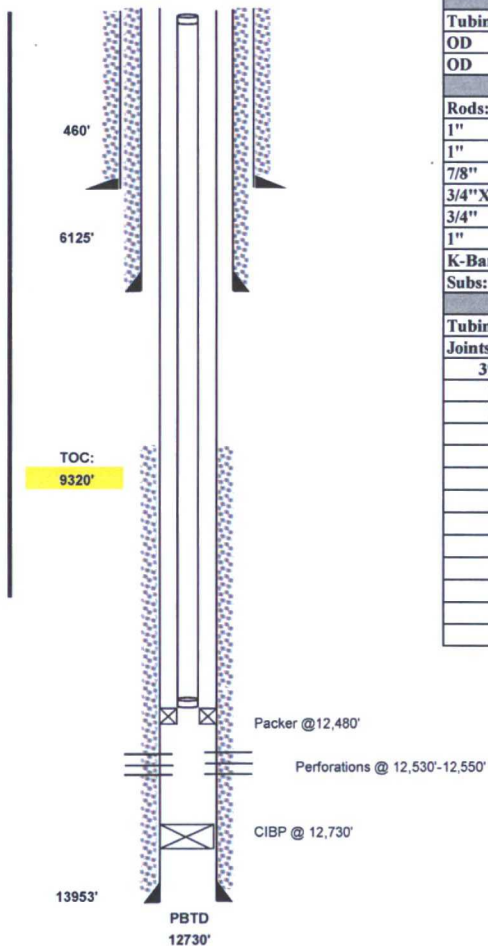
Upper Atoka Frac

15. MIRUPU. Set (4) 500 bbl frac tanks and fill with 2% KCL water.
16. Install Tree Saver.
17. MIRU Frac Company and pump frac down 2 7/8" tubing as per attached frac design across 12,530' – 12,550' perf interval. Flush to top perf ~**75 bbls**. Record ISIP, 5, 10, & 15 min SIPs. Hold 2500#s on backside, if possible, during frac job.
 - **NOTE:** The internal yield pressure (burst pressure) of the tubing (2 7/8" 6.5# L-80) is **10570 psi**. Casing (5 1/2" 20# N-80) is **8990 psi**.
18. RDMO Frac Company. RD Tree Saver
19. RU Flowback Company & flow well back.
20. RU swab tools and commence swabbing. Record FL's & cuts.
21. Rig down and release rental equipment.
22. Test well and turn over to production.

Estimated start date for this project is Feb. 15, 2018

Mammoth Exploration

Morton Unit # 1								
Location: 770' FNL & 2150' FEL			Field: Morton		Formation:		Upper Atoka	
County: LEA New Mexico			Sec 5 - T15S - R35E					
API#	30-025-33314		Size, in	Wgt, lb/ft	Grade	Hole Size	Depth	Sx. Cmt.
GL:	4029	Surf. Csg:	13-3/8"	48#	H-40	17-1/2"	460'	500
KB:	4047	Casing:	8-5/8"	32#	J-55	12-1/4"	6125'	2075
Spud:	3/29/1996	Casing:	5-1/2"	17#/20#	L-80/N-80	7-7/8"	13953'	800
PBTD:	12730'							

[illegible]

Well Name: Morton Unit No. 1 Field: _____

Location: 770' FNL & 2150' FEL Sec. 5-15S-35E Lea Co., NM

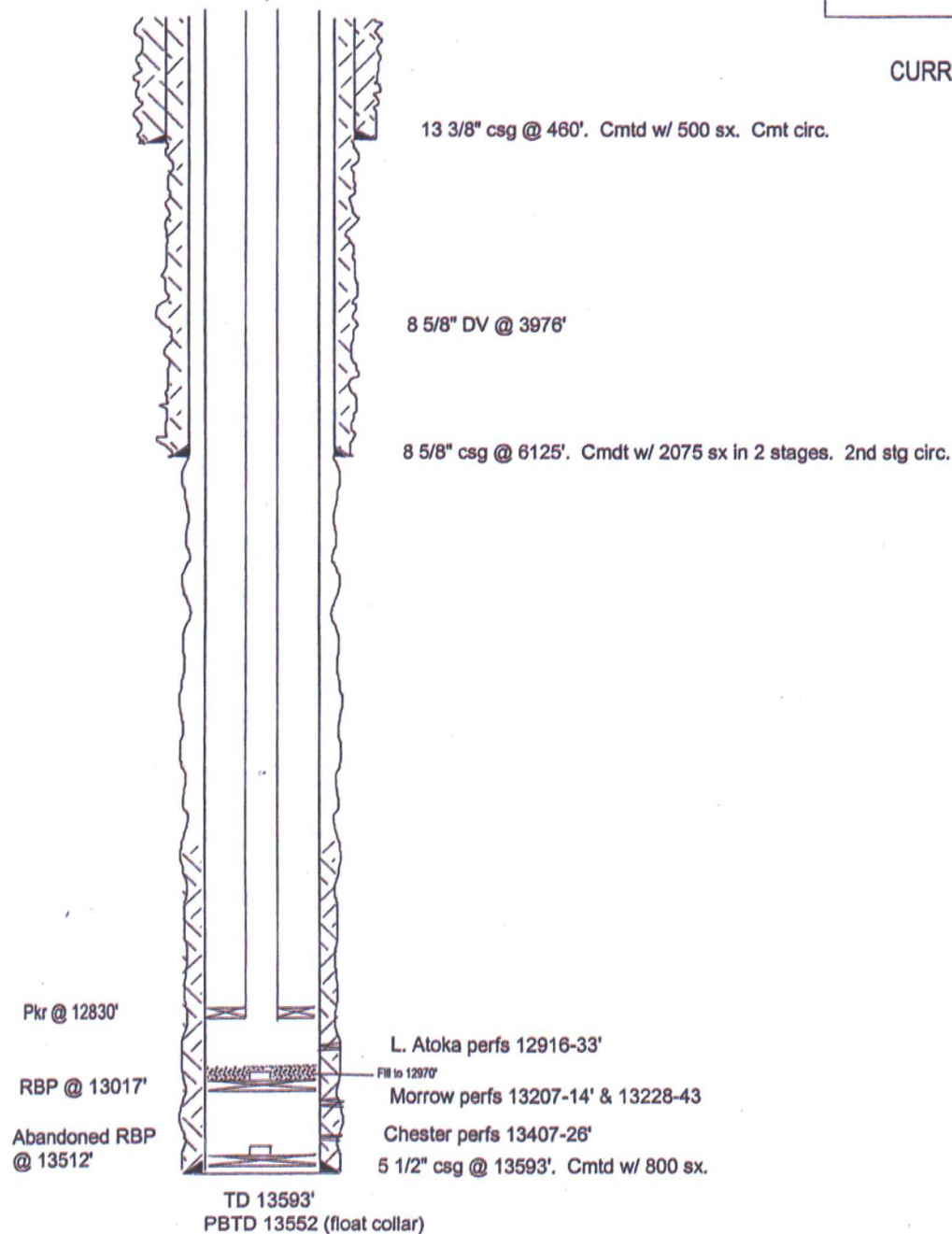
GL: 4029' Zero: _____ AGL: _____ KB: 4047'

Spud Date: 5/22/96 Completion Date: _____

Comments: * Configuration has not changed since 2007.

Casing Program	
Size/Wt/Grade/Conn	Depth Set
13 3/8" 48# H40	460'
8 5/8" 32# MAV80 & J55	6125'
5 1/2" 17 & 20# N80, L80, J55	13593'

CURRENT CONFIGURATION



SKETCH NOT TO SCALE

DATE: 1/18/07 MORTON1