

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Oil Cons.  
N.M. DIV-Dist. 2  
1301 W. Grand Avenue  
Artesia, NM 88210

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**

*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Saga Petroleum LLC

3a. Address

415 W. Wall, Suite 1900, Midland, TX 79701

3b. Phone No. (include area code)

(915) 884-4298

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1330' FSL & 660' FWL  
Sec 13 (L) T20S, R27E

5. Lease Serial No.

NM 13410

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

POTTS FEDERAL #3

9. API Well No.

30-015-32645

10. Field and Pool, or Exploratory Area

BURTON FLAT, MORROW

11. County or Parish, State

Eddy

NM

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/ Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other TD-
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

4-20-03 TD - 11,253' - RD & prep to move rotary rig out - Rig #142 released @ 6:00 AM 4-20-03 - Set 5-1/2" csg slips w/csg in full tension, cut off 5-1/2" csg & NU tbg head w/bonnet.  
3 jts 5-1/2" 17# P110 8rd csg 129.72' - 227 jts 5-1/2" 17# N-80 8rd csg 976.70' (9,902.05') 1 jt 5-1/2" DV tool 2.18' (9,904.23') 11 jts 5-1/2" 17# N-80 8rd csg 469.52' (10,373.75') 19 jts 5-1/2" 17# P-110 8rd csg 831.60' (11,205.35') 1 jt 5-1/2" Float collar 1.98' (11,207.33') 1 jt 5-1/2" 17# P-110 8rd Shoe Jt 43.97' (11,251.30') 1 jt 5-1/2" Guide Shoe 1.7' (11,253.00') 261 jts total - w/length 11,257.37' -15 centralizers: 69', 198', 456', 2735', 2950', 9873', 9916', 10,260', 10,346', 10,819', 10,905', 10,948', 11,033', 11,201', 11,229'. DV tool run on top of Jt #31. Cmt 1st stage w/225 sx Super H + Gilsonite, .5% Halad, .4% mix @ 13 ppg, yield 1.64 Cf/Sk. Cmt 2nd state w/1100 sx Class Interf + 1/4#/bbl flocele & .1% HR-7 mix @ 11.9 ppg, yield 2453 Cf/Sk & tail in w/100 sx Class H Neat mix @ 15.6 ppg, yield 1.18 Cf/sk. Good circ observed during all stages of cmt job, PD & cmt in place @ 9:45 PM 4-19-03.  
Cont on back of form

ACCEPTED FOR RECORD

AUG 27 2003

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Bonnie Husband

Title

Production Analyst

Signature

*Bonnie Husband*

Date

08/19/2003

ALEXIS C. SWOBODA  
PETROLEUM ENGINEER

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

- 6-10 Open BOP, Sting into retainer, test csg to 500 psi – csg & CR test good. Sting out of retainer, spot 500 gal NEFE acid to retainer, sting into retainer. Press up to 3500 psi & let press drop. Work press up to 4500 psi, formation breaks to 3500 psi. Flush to btm perf @ 2 BPM @ 3800 psi. ISIP 3267 psi, 5 mins 302 psi, 9 mins vac. Establish inj rate of ½ BPM @ 1600 psi. RD B-J. RU & RIH w/swab, IFL 500', Rec 86 BW. FFL 6500'.
- 6-11 SITP 0, RU & RIH w/swab, IFL 1200', swab well 10-hrs, rec 97 BW, FFL 6500', RD swab
- 6-12 RU B-J Services, sting out of cmt retainer, break circ (8 bbls). Mix & pump 75 sx Class H w/.5/10% BA-10 + 7/10% CD-32. Spot to CR. Sting into CR, put 4 bbls slurry into perfs (18 sx). Press builds to 3500 psi. Hold 20-mins, can't get any more cmt into perfs. Sting out of CR, reverse cmt out of tbg. RD B-J. POOH w/tbg.
- 6-13-03 Open BOP, PU 4-3/4" mill tooth bit, 6-dc's & tbg. TIH to top of CR & SDFN
- 6-14 Break circ, drl out CR & cmt to 11,080', fall out, circ clean, test csg to 1000 psi for 30 mins, csg test good. RD swivel, circ well w/260 bbls 4% KCL w/claystay, POOH, LD dc's & SDFW.
- 6-17-03 Open BOP, PU & RIH w/2-7/8" wireline guide w/2.31 Otis X-N profile nipple, 2-7/8" x 8' sub, 2-7/8" x 5-1/2" 10K Arrowset 1-X pkr w/2.31 Otis X & on-off tool & 345 jts (11,042') 2-7/8" 4.6# N-80 tbg to 11,090'. RU Apollo & RIH w/GR-CCL, POOH, tools shorting out. Repair WL trk, RIH w/GR-CCL. Get on depth, ck pkr depth, set pkr @ 11,088'. EOT 11,102' w/30 K compression on pkr. ND BOP. NU tree. SDFN
- 6-18 RU & RIH w/swab, swab'd dwn to 8000'. RU Apollo WIH w/2" perf gun & perf'd from 11,124'-11,132' w/4 JPF. 48 holes total. Prespector charges 6.5 gram & .25" in diameter, 23.35" penetration. POOH, RD Apollo. 0 psi TP. RU & GIH w/swab. IFL 4000'. Make 1-run & well kicked off @ 150 psi, full open choke. Pressure dropped to 50 psi. After 2-swab runs, well dry. Rec 15 BW total. Put well thru tester flw'g @ 100 psi on full open choke ARO 600 MCFGPD
- 6-19 RD & MO
- 6-20-03 Well hooked up to sales line thru rental separator system at 12:00 noon CSDT 6-19-03 ARO 752