

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 January 31, 2004

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

St. Mary Land & Exploration Co. c/o Nance Petroleum Corporation

3. Address and Telephone No.

P.O. Box 7168, Billings, MT 59103, Phone 406-245-6248

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

2310' FSL & 2310' FWL  
Sec. 34-T19S-R29E UL:K

5. Lease Designation and Serial No.

NM-90807

6. If Indian, Allottee or Tribe Name

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

Osage Federal

8. Well Name and No.

#17

9. API Well No.

30-015-26298

10. Field and Pool, or Exploratory Area

Parkway Bone Spring & Delaware

11. County or Parish, State

Eddy Co., NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" 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 type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing (add perfs)	<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 type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" 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. Described Proposed or Completed Operations (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 Recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed to 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 recompletion 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.)

This is a revised plugging plan from the intent which was previously submitted 6/25 and approved 7/7. The change involves our cutting and recovering the 5 1/2" casing from 2500'.

Proposed plugs: #1 CIBP @ 6900' (above BS perfs) w/ 6 sks (50') cmt #5 Spot 31 sks (across 5 1/2" stub) 2450-2550'  
 #2 Spot 25 sks (across DV tool) 5540-5760' #6 Spot 31 sks (across 13 3/8" shoe) 1070-1170'  
 #3 CIBP @ 5300' (above Delaware perfs) w/ 6 sks (50') cmt #7 Spot 16 sks surface plug 50-0'  
 #4 Spot 25 sks (across 8 5/8" shoe depth) 3090-3310' Cut off wellhead & install dry hole marker

A current wellbore diagram is attached along with a revised proposed plugging schematic.

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

Name (Printed/Typed)

Herb Thackeray

Title Operations Engineer

Signature

*Herb Thackeray*

Date 8/14/03

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

ORIG. SGD.) ALEXIS C. SWOBODA

PETROLEUM ENGINEER

Date AUG 20 2003

Condition 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 and Title 43 U.S.C. Section 1212, 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 statement or representations as to any matter within its jurisdiction.

# WELLBORE DIAGRAM OSAGE FEDERAL # 17

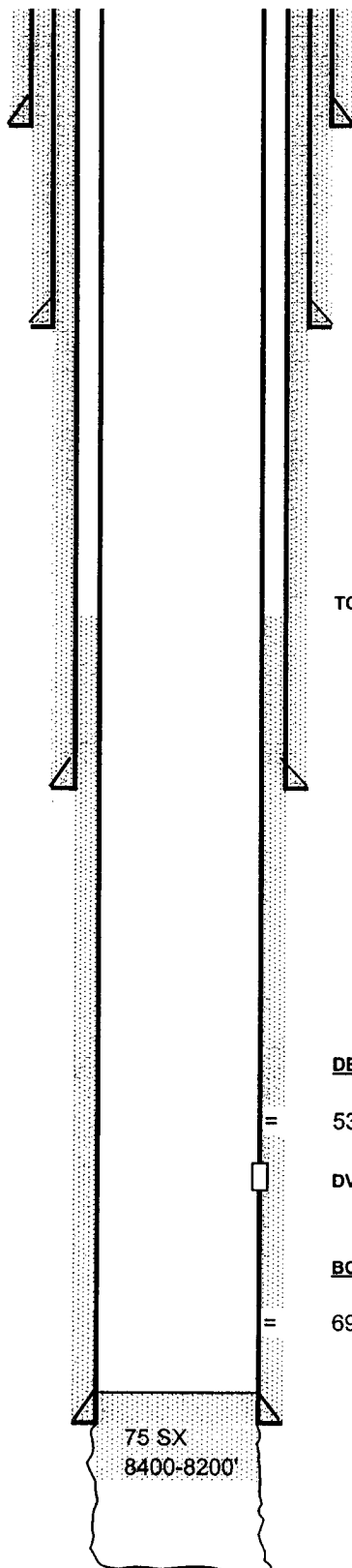
LEASE: OSAGE  
LOCATION: 2310' FSL & 2310' FWL  
FIELD: PARKWAY BONE SPRING  
STATUS: SHUT-IN

UL: K

WELL NO. 17  
SEC: 34 T: 19S R: 29E  
GL: 3308' CT/ST: EDDY,NM  
KB: 3321' DF: 3320'

API #: 30-015-26028  
SPUD: 11/12/90 (by SIETE)  
COMP: 1/91  
INITIAL FORM: BONE SPRING

CURRENT  
WELLBORE



LC @ 61'

20" 94&133#  
@ 366'  
CIRC. W/ 800 SX

13 3/8" 54.5# J-55  
@ 1120'  
CIRC. W/ 750 SX

TOC @ 2820'

8 5/8" 32&24# J-55 @ 3200'  
CMT'D W/ 1400 SX (TOC @ 1750')  
1" TO SURF W/ 537 SX

## DELAWARE PERFS (1 shot/1.5ft)

= 5352 - 5376.5' (13 holes)

DV @ 5652'

## BONE SPRING PERFS (1 shot/1.5ft)

= 6974 - 6990.5' (12 holes)

5 1/2" 17# N-80, J-55 @ 8243'  
1st Stage 520 sx Circ.  
2nd Stage 470 sx

## WELL HISTORY

12/20-21/90 CBL, Perf 6974-6990.5'  
1000g 15%, - balled out w/24 BS's  
Frac w/ 18,000g & 1700# 100 mesh  
25,300# 20/40 sand & 10,860# 12/20 RCS  
Avg 8 bpm @ 2000#  
1/20/1991 IPP: 17 BO + 36 BW + 50 MCF  
3/ 4-7/91 Perf Delaware 5352-5376.5'  
2000g 15%, - balled out w/26 BS's  
Frac w/ 16,000g & 1600# 100 mesh  
24,000# 20/40 sand & 9,600# 12/20 RCS  
Avg 8 bpm @ 2005#  
3/11/1991 IPP: 11 BO + 36 BW+ 20 MCF  
Jun-91 Downhole commingling approved for  
BS & Delaware

DATE: 11/02  
PREPARED BY:  
HRT

PBTD: 8127'  
TD: 9500'

**REVISED**

8/14/2003

**WELLBORE DIAGRAM  
OSAGE FEDERAL # 17**

LEASE: OSAGE

LOCATION: 2310' FSL &amp; 2310' FWL

FIELD: PARKWAY BONE SPRING

STATUS: SHUT-IN, TO BE P&amp;A'D

UL: K

WELL NO. 17

SEC: 34 T: 19S R: 29E

GL: 3308' CT/ST: EDDY,NM

KB: 3321' DF: 3320'

API #: 30-015-26298

SPUD: 11/12/90 (by SIETE)

COMP: 1/91

INITIAL FORM: BONE SPRING

**PROPOSED P&A  
WELLBORE**

50' (16 sk) surface cement plug

LC @ 61'

20" 94&amp;133#

@ 366'

CIRC. W/ 800 SX

9 ppg mud

100' (31 sk) balanced cement plug  
from 1170'. Top of plug +/- 1070'

14.8 ppg cement

13 3/8" 54.5# J-55

@ 1120'

CIRC. W/ 750 SX

9 ppg mud

Cut & Pull 5 1/2" Casing @ 2500'  
100' (31 sk) balanced cement plug  
from 2550'. Top of plug +/- 2450'

14.8 ppg cement

Cut off 5 1/2" @ 2500'

TOC @ 2820'

9 ppg mud

~220' (25 sk) balanced cement plug  
from 3310'. Top of plug +/- 3090'

14.8 ppg cement

8 5/8" 32&amp;24# J-55 @ 3200'

CMT'D W/ 1400 SX (TOC @ 1750')

1" TO SURF W/ 537 SX

9 ppg mud

50 ft (6 sx) cement plug

Top of plug +/- 5250'

5-1/2" CIBP @ +/- 5300'

DELAWARE PERFS (1 shot/1.5ft)

5352 - 5376.5' (13 holes)

~220 ft (25 sx) balanced cement plug

from 5760'. Top of plug +/- 5540'

9 ppg mud

DV @ 5652'

9 ppg mud

50 ft (6 sx) cement plug

Top of plug +/- 6850'

5-1/2" CIBP @ +/- 6900'

BONE SPRING PERFS (1 shot/1.5ft)

6974 - 6990.5' (12 holes)

9 ppg mud

5 1/2" 17# N-80, J-55 @ 8243'

1st Stage 520 sx Circ.

2nd Stage 470 sx

75 SX  
8400-8200'

DATE: 08/03

PREPARED BY:

H Thackeray

PBTD: 8127'

TD: 9500'