

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires March 31, 2007

S

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

MAR 12 2008

2. Name of Operator

NORDSTRAND ENGINEERING INC. OCD-ARTESIA

3a. Address

3229 D-AMICO ST. SUITE 200

3b. Phone No. (include area code)

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

4620 FSL - 660 FEL
SEC 3 (1)

5. Lease Serial No.

LC 060898

6. If Indian, Allottee or Tribe Name

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

AGREEMENT 8910087730

8. Well Name and No. UTR 2 WELL #1

W-HENSHAW PREMIER

9. API Well No.

30-015-03838

10. Field and Pool, or Exploratory Area

WEST HENSHAW GRAYBURG

11. County or Parish, State

EDDY CO N.M.

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 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 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. 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 and 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.)

1- MIBU. P.A. EQUIPT. TAG BP. AT 2741 - MIX CIRCULATE M.C.F.
2- CAP. B.P. 20 SAKS. CMT. CALCULATED 2600'
3- P.U.H. TO 2200' 582.50 SAKS. CMT. CALC. TO C. 2000'
4- P.O.H. TBG. PERF. 100' 582.50 SAKS. CMT. W.O.C. TAG 150
5- PERF. 900' 45 SAKS. CMT. TAG. 4 HR WAI
6- PERF. 465' 582.50 SAKS. CMT. SURFACE IF NOT CAP WELL
OR MORE - VERIFY CMT. SURFACE IF NOT CAP WELL
OFF WITH CMT.

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

RANDALL MIOREAR

Title

AGENT

Signature

Date

1- 18 08

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

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.

Title

APPROVED

Office

MAR 8 2008

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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 page 2)

Accepted for record
NMOCJAMES A. AMOS
SUPERVISOR-EPS

PLUGGING & ABANDONMENT WORKSHEET

(2-STRING CSNG)

OPERATOR

LEASENAME

WELL #

SECT

TWN

RNG

FROM

N/S L

E/W L

TD:

FORMATION @ TD

PBTD:

FORMATION @ PBTD

	SIZE	SET @	TOC	TOC DETERMINED BY
SURFACE				
INTMED 1				
INTMED 2				
PROD				
	SIZE	TOP	BOT	TOC DETERMINED BY
LINER 1				
LINER 2				
	CUT & PULL @		TOP - BOTTOM	
INTMED 1				
INTMED 2				
PROD				

REQUIRED PLUGS DISTRICT

PLUG	TYPE	SACS	DEPTH
PLUG #1	OH	25 SCS	6400'
PLUG #2	SRCK	20 SCS	5150'-5450'
PLUG #3	CRPCL		4800'
PLUG #4	CRP	25 SCS	4800'
PLUG #5	STUB	20 SCS	3600'-3700'
PLUG #6	REPAIR SCS	200 SCS	400'
PLUG #7	FLY	10 SCS	0-10'
PLUG #8			
PLUG #9			
PLUG #10			
PLUG #11			
PLUG #12			
PLUG #13			
PLUG #14			
PLUG #15			
PLUG #16			
PLUG #17			
PLUG #18			
PLUG #19			
PLUG #20			
PLUG #21			
PLUG #22			
PLUG #23			
PLUG #24			
PLUG #25			
PLUG #26			
PLUG #27			
PLUG #28			
PLUG #29			
PLUG #30			

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PLUG #12			
PLUG #13			
PLUG #14			
PLUG #15			
PLUG #16			
PLUG #17			
PLUG #18			
PLUG #19			
PLUG #20			
PLUG #21			
PLUG #22			
PLUG #23			
PLUG #24			
PLUG #25			
PLUG #26			
PLUG #27			
PLUG #28			
PLUG #29			
PLUG #30			

8 5/8
@ 415
TOC SURFACE

C.I.A.P. 2741
PERFS
AT 284-TO-2857

5 1/2
@ 2958
TOC 1798

TD 2958

PLUGGING & ABANDONMENT WORKSHEET (2 STRING CSNG)

OPERATOR

LEADNAME

WELL

SECT

TWN

RNG

FROM

N/S L

E/W L

TD:

FORMATION @ TD

PBTD:

FORMATION @ PBTD

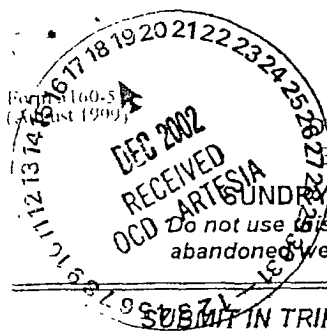
	SIZE	SET @	TOC	TOC DETERMINED BY
SURFACE				
INTMED 1				
INTMED 2				
PROD				
	SIZE	TOP	BOT	TOC DETERMINED BY
LINER 1				
LINER 2				
	CUT & PULL @		TOP - BOTTOM	
INTMED 1				
INTMED 2				
PROD				

RECORDED PLUGS DETECTED

PLUG	TYPE	SIZES	DEPTH
PLUG 01	CH	25 ECT	6400'
PLUG 02	STIC	30 ECT	11500-12450'
PLUG 03	CIRPJS		4800'
PLUG 04	CIRP	25 ECT	4800'
PLUG 05	STIC	30 ECT	16000-17000'
PLUG 06	REINFORCED	200 ECT	400'
PLUG 07	FLRT	10 ECT	0-10'
PLUG 08			
PLUG 09			
PLUG 10			
PLUG 11			
PLUG 12			
PLUG 13			
PLUG 14			
PLUG 15			
PLUG 16			
PLUG 17			
PLUG 18			
PLUG 19			
PLUG 20			
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PLUG 22			
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PLUG 25			
PLUG 26			
PLUG 27			
PLUG 28			
PLUG 29			
PLUG 30			

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PLUG 12			
PLUG 13			
PLUG 14			
PLUG 15			
PLUG 16			
PLUG 17			
PLUG 18			
PLUG 19			
PLUG 20			
PLUG 21			
PLUG 22			
PLUG 23			
PLUG 24			
PLUG 25			
PLUG 26			
PLUG 27			
PLUG 28			
PLUG 29			
PLUG 30			

TD 2958



OCD - Artesia

C15K

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
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.

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

5. Lease Serial No.
LC 060898

6. If Indian, Allottee or Tribe Name

7. If Unit or C/A Agreement, Name and/or No.
Agreement 8910087730

8. Well Name and No.
W Henshaw Premier Ut Tr 2 Well #1

9. API Well No.
30-015-03838

10. Field and Pool, or Exploratory Area
West Henshaw Grayburg

11. County or Parish, State
Eddy County
NM

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)684-4293

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
4620' FSL & 660' FEL
Sec 3 (X), T16S, R30E
9

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

TYPE OF SUBMISSION	TYPE OF ACTION			
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TD 2958', PBD 2942', CIBP @ 2741' - Perfs 2841'-2850', 2854'-2857'
11" Hole - 8-5/8" 32# @ 415' w/250 sx, circ surf
7-7/8" hole - 5-1/2" 15.5# @ 2958' w/200 sx, TOC Calc 1798'

TA Approved for 12/21/03

12-21-2001 Pressure up to 520 psi held for 30 mins - good test
Witnessed by Artesia OCD & BLM's Gene Hunt

Reference is made to Notice of Written order No. 02JA126 - Carlsbad Field Office 8-10-02 - James Amos

Saga wants to hold this wellbore for future use in WF pattern

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Bonnie Husband

Title
Production Analyst

Signature

Bonnie Husband

Date
11/11/2002

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

(ORIG EGD) JOE G. LARA

Title

Date

12/17/02

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

CFO

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.

Nordstrand Engineering Inc.
NMLC060898B; W. Henshaw Tr 2-1
4620' FSL & 660' FEL
Section 3, T. 16 S., R. 30 E.
Eddy County, New Mexico

RE: Plugging and Abandonment, Conditions of Approval

Spot 25 sack cement on top of CIBP at 2741'.

Spot a 25 sack balanced plug across the top of Queen formation @ 2156', from 2200'-1950'.

Perforate 5 1/2" casing at 1439', squeeze cement adequate to fill in/out of the 5 1/2" casing from 1439'-1100', this covers the top of the Yates formation and the base of the salt. WOC and tag no lower than 1100'.

Perforate 5 1/2" casing at 480', circulate cement to surface in/out of the 5 1/2" casing from 480'-surface. This covers the top of salt at 430', and the 8 5/8" casing shoe. Top off if any fallback

If you have any questions, please contact Jim Amos at 505-234-5909.

J. Amos, 3/8/08

BUREAU OF LAND MANAGEMENT
Carlsbad Field Office
620 East Greene Street
Carlsbad, New Mexico 88220
575-234-5972

Permanent Abandonment of Federal Wells
Conditions of Approval

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plugging operations shall commence within ninety (90) days from the approval date of this Notice of Intent to Abandon.

If you are unable to plug the well by the 90th day provide this office, prior to the 90th day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged. Failure to do so will result in enforcement action.

2. **Notification:** Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, call 575-627-0272; Eddy County, call 575-361-2822; Lea County, call 575-393-3612.

3. **Blowout Preventers:** A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.

4. **Mud Requirement:** Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of water. Minimum nine (9) pounds per gallon.

5. **Cement Requirement:** Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. In lieu of a cement plug in a cased hole, a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement. If a bailer is used to cap this plug, 35 feet of cement shall be sufficient.

Unless otherwise specified in the approved procedure, the cement plug shall consist of either Neat Class "C", for up to 7,500 feet of depth or Neat Class "H", for deeper than 7,500 feet plugs.

6. **Dry Hole Marker:** All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The well bore shall then be capped with a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement. The following information shall be permanently inscribed on the dry hole marker: well name and number, name of the operator, lease serial number, surveyed location (quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer such as metes and bounds).

7. **Subsequent Plugging Reporting:** Within 30 days after plugging work is completed, file one original and five copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. Show date well was plugged.

8. **Trash:** All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.

Following the submission and approval of the Subsequent Report of Abandonment, surface restoration conditions of approval will be developed and furnished to you.