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Form 3160-5
(August 1999)

MAY 19 2004

OCD-ARTESIA

UNITED STATES

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTOil Cons.
N.M. DIV-Dist. 2
1301 W. Grand Avenue
Artesia, NM 88210FORM 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

Latigo Petroleum Inc

3a. Address

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

3b. Phone No. (include area code)

(432)684-4293

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

1980' FSL & 660' FWL
Sec 35 (L) T19S - R28E5. Lease Serial No.
NMNM0473362

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
Dero Federal #39. API Well No.
30-015-3039910. Field and Pool, or Exploratory Area
Winchester Morrow11. 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 Add perms
	<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 recompleat 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 recompleat 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.)

11-2-1999 Perf Morrow 11,040' -11,046' & 11,166'-11,172' thru tbq w/2 JSPF. Acidize w/1000 gals 7.5% HCL & 60 ball sealers.

12-17-00 Frac Morrow -Pmp'd 107 bbls binary foam pad, 9 BPM @ 8000#

Pmp'd 15 bbls binary foam pad w/ 1/2# 20/40 Interprop, 9 BPM @ 7770#

Pmp'd 20 bbls binary foam pad w/ 1# 20/40 Interprop, 9 BPM @ 7700#.

Pmp'd 50 bbls binary foam pad w/ 1-1/2# 20/40 Interprop, 9 BPM @ 7750#.

Pmp'd 70 bbls binary foam pad w/ 2# 20/40 Interprop, 9 BPM @ 8370#.

Pmp'd 16.5 bbls binary foam pad w/ 2-1/2# 20/40 Interprop, 9 BPM @ 8630#-□

Pmp'd 30 bbls binary foam pad flush, hole in tbq 13 bbls - Before flush finished, Max Pressure 8700#, Avg 8200#, Avg Rate 9 BPM, after SD 320# TP, 0#

12-28-99 SI Morrow TP 1350, SI WC CP 550#, SI WC TP 500#. Open WC tbq. Flowed back 20 bbls wtr & died. Open Morrow tbq. Flowed back frac wtr & sand. (Flowed sand plug from tbq.) Flowed Morrow to frac tank. Unloaded 23 bbls frac wtr & died. Swabbing WC. Swabbed 47 bbls load wtr. WC getting stronger after each swab run - cont on back

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

Name (Printed/Typed)

Bonnie Husband

Title

Production Analyst

Signature

Date

05/14/2004

ACCEPTED FOR RECORD

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date MAY 18 2004

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

ALEXIS C. SWOBODA
PETROLEUM ENGINEER

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)

Application to Drill NSL Order R-11048 granted Sept 2, 1998

OCD Case 11985

Application to Drill Winchester Morrow 11,150' proposed TD filed w/BLM 8-11-98 - approved 9-11-98

Hole Size	Cse Size/wt	Depth Set	Cmt Record
17-1/4"	13-3/8" 48#	400'	360 sx circ
12-1/4"	9-5/8" 40#	2972'	1350 sx circ
7-7/8"	7" 23 & 26#	11,349'	1135 sx TOC by TS 2905'

Spud 11-3-98

TD reached 11-29-98 13,350' 11,286' PBTB

Perfs Strawn
10,341' - 10,392'

Perfs-Wolfcamp
9041' - 9704'

Strawn Test	2-11-99 18/64" choke, 20 BO & 1875 MCF w/FTP 1250
Wolfcamp test	2-11-99 20/64" choke, 1263 MCF w/FTP 500

Well dual completed from Strawn & Wolfcamp

Intent to add Morrow perfs filed 9-24-99, approved 9-30-99 & Intent filed again 10-10-99 approved 11-10-00
Set pkr @ 10,940' & perf 11,040'-11,172' - flow test & if commercial, cmt sqz Strawn 10,341'-10,392'

Morrow perfs added 11-1-99, however Strawn perfs not sqz'd off - no subsequent paperwork was ever filed w/BLM. Strawn & Wolfcamp produce thru csg DHC & Morrow produces thru tbq, plunger lift
Pkr @ 10,935'

Strawn/Wolfcamp currently produce 85 MCFGPD or approx 43 MCFGPD each zone
Morrow produces 35 MCFGPD

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