

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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.

5. Lease Serial No.
NM 103571

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
Highlands "25" Federal #2

9. API Well No.
30-015-32311

10. Field and Pool, or Exploratory Area
Huapache Basin (Wildcat)

11. County or Parish, State
Eddy County, NM

SUBMIT IN TRIPLICATE - Other instructions on reverse side

RECEIVED

DEC 13 2004

OGD-ARTESIA

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Latigo Petroleum, Inc.

3a. Address

550 W. Texas, Suite 700 Midland, TX 79701

3b. Phone No. (include area code)

(432)684-4293

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

860' FNL & 1780' FWL
Sec 25, T19S, R21E

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 CIBP & add Perf	
	<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.)

8-12-03 ☐ RIH w/5-1/2" CIBP to 7150' & cap w/35' cmt. RD WL. PU new 2-7/8" x 5-1/2" Arrow set 1X pkr & RIH on SN & 210 jts (6877.78') 2-7/8" J-55 8rd EUE tbg. RU pump trk & circ 2% KCL wtr & pkr fluid. Set pkr w/20 pts compression. Test annulus & pkr to 750 psi & test CIBP to 1000 psi. ND BOP & NUWH tree. RU swab & swab dwn tbg to 4900' SDFN. Note: FL @ 2350' during set'g CIBP.

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8-13-03 ☐ RU Computalog, PU 2" RTG guns prospector charges & GR tool & RIH. Shoot 2 JSPF @ 6997'-7008' - 24 holes & 7014'-7022' - 18 holes. RD Computalog & RU swab. IFL 5000', made 2-runs, swab dry off SN. Wait 1-hr, made 3rd run, no fluid entry & no flow gas. Wait 1-hr, made 4th run, no fluid entry & no flow gas. SIFN. Prep to acidize Wed AM 8-13-03.

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8-14-03 ☐ RU Cudd & acidize perfs 7014'-22' & 6997'-7008' w/2000 gals 7-1/2" % NEFE & 80 ball sealers 1.3 SP/GR. Load & press annulus to 500 psi. Acidize job: formation broke @ 2190 psi, increase BPM from 2.7 to 5.9 BPM, balled out @ 4950 psi. Pkr began communicating on start back up. Had 51 balls on w/37 bbls (1554 gals) of acid in formation. Flush to pkr @ low rate 1.6 BPM. Avg inj 5.9 BPM & avg press 3500 psi, max press 4950 psi. ISDP 850, 15 mins 1647, 10 mins 1700, 5 mins 1790. NDWH, NU BOP. Release pkr, knock balls off perfs. Reverse circ 36 bbls out. Drop SV, POOH w/20 stds to fluid. Test tbg to 2500 psi. Complete OOH, RIH w/new pkr 2-7/8" x 5-1/2" Arrowset 1X w/20 pts compression. Circ pkr fluid, set pkr & test to 750 psi.

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

Name (Printed/Typed)

Donna Frazier

Title

Production Analyst

Date

11/29/2004

ACCEPTED FOR RECORD

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

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)