

Form 3160-5
(August 1999)Month - Year
MAR - 8 2007
OCD - ARTESIA, NMUNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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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

Latigo Petroleum Inc.

3a. Address

PO Box 10340, Midland, Tx

3b. Phone No. (include area code)

432-617-0208

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

660 FSL & 660 FEL

Sec.35 -Unit P- T-19-S - R 28 E

5. Lease Serial No.

NM092190

6. If Indian, Allottee or Tribe Name

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

NM 7143 71213 pm

8. Well Name and No.

Dero Federal Com #1

9. API Well No.

30-015-20304

10. Field and Pool, or Exploratory Area

Winchester Morrow

11. County or Parish, State

Eddy, New Mexico

12. CHECK APPROPRIATE BOX(ES) 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	<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 recompleat 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 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.)

- Set C.I.B.P. @ 5,871', cap w/ 20' cement.
- Cut & pull Csg. @ 3,700' +/-.
- Spot 65 sx Plug 50 in & 50 out of 5 1/2" Stub, Tag
- Spot 75 sx Plug 3,915-2,800' 85/8" Shoe, Tag.
- Spot 75 sx 2,500-2,250' - Salt, Tag.
- Perforate 8 5/8" Csg. @ 400', circulate cement to Surface, leave Hole full.
- Install Dry Hole Marker.

Accepted for record
NMOC

APPROVED

MAR 6 2007

LES BABYAK
PETROLEUM ENGINEER14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Howard Boatright

Title

Agent

Signature

Date

02/28/07

THIS SPACE FOR FEDERAL OR STATE OFFICIAL 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

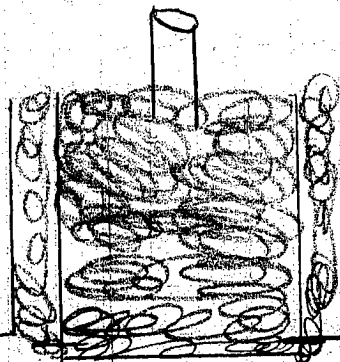
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Satigo Petroleum Inc. Ocho Federal Com #1

after Plugging

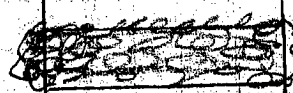
Dry Hole Marker

13³/₈-350ft
 TOC Surf.



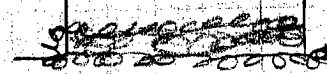
Perf - Circ cmt to Surf 250 ft

TOC 2450 TS



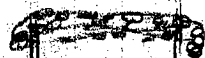
Spot 75 x 2500 - 2250 Tag

8⁵/₈-2965ft
 TOC 2450 TS



75 x 3915 - 2800 Tag

5¹/₂-TOC 3750 C3h



Cut and Pull at 3700 ft
 65 x 50 in x 50 out of 5¹/₂ stub
 Tag

CIBP at 5871 ft + 20' cement

Per 50 5921-6018

PBTD 6644
 CIBP + 20 ft cmt

TD 11266

Well Schematic and History

Lease: **Dero Federal** Well: **1** Field: **Winchester**
 Location: **660'** From South Line and **660'** From East Line
 Unit P, Section 35 - T19S - R28E County: **Eddy** State: **New Mexico**

API No.: **30-015-20304**Spud Date: **4/11/1972**Compl. Date: **6/20/1972**GL: **3285'**DF: **3285'**KB: **3299'**

18" Conductor @ 117'

SURF CSG

13 3/8" 48# @ 350'

Cmt'd w/ 250 sx (17 1/4" hole)

TOC @ surface by circ.

TOC @ 2450' by TS

INTER CSG

8 5/8" 28 & 24# @ 2965'

Cmt'd w/ 150 sx (11 1/2" hole)

TOC @ 2450' by TS

Drilled hole to 4036'

Perfs 5921'-6018'

Perfs 6667'-794'

Bone Springs perfs 6812'-6900'

Cut & pull 4 1/2" csg @ 7003

RIH w/ 4 1/2" 10.5# & 11.6# csg

Cmt'd @ 7003 w/ 695 sx

TOC @ 5750' (DBL)

TOC @ 10060' by TS.

Strawn perfs 10108-126'

Upper Morrow perfs 10769-819'

Middle Morrow perfs 11033-088'

Lower Morrow perfs 11185-208'

PROD CSG

4 1/2" 11.6 & 13.5# @ 11300'

Cmt'd w/ 300 sx (7 7/8" hole)

TOC @ 10060' by TS.

PBTD - 11,266'

DATE**COMPLETION DATA****5/27/72** **PERF Lower Morrow 11185-208' (1 shot/foot)**

Broke down perfs w/ 200 bbls. 2% KCl

Gas TSTM - SITP 1250#

5/31/72 **PERF Middle Morrow 11033-41', 11058-72',****and 11084-88' (2 shots/foot)**

Frac'd w/ 22050 gal. Mighty-Frac w/ 44100# sd.

Gas TSTM, 15 hr SITP 850#

6/5/72 **PERF Upper Morrow 10769-82', 10792-806',****and 10811-19' (2 shots/foot)**

Well kicked while running tubing.

2 hr. SITP 1400#, 10# w/n kill well

Frac'd w/ 10500 gal. Mighty-Frac w/ 18000# sd.

BP @ 10950' during frac, pulled after frac

Average 10 BPM @ 7600#, ISIP 4300#

24 hr. potential 1.419 MMCFGPD @ 300#

11/5/98 Upper Morrow swabbed dry, no gas**11/10/98** Set CIBP @ 10,870' capped w/cmt, swab from SN w/500'/hr entry

100% wtr, no gas. W/pkr @ 10,200' test annulus to 400#, ok

Set CIBP @ 10,210' capped w/cmt

PERF Strawn 10108, 116, 122, & 126' w/ 2 spf

Swab to SN w/no fluid entry, 100% wtr, ran temp svry

but couldn't determine fluid entry point

Inadvertantly set CIBP @ 6000', SI pending evaluation of uphole pot.

12/9/03 Push CIBP & CCL tool down to 10,178'

Set CIBP @ 10,060' & cap w/1 sk cmt(20'), csg didnt test

Inter csg valve had 330# & flw'd 5 bbls 43° oil in 1 hr, SI

Found bad csg from 4034'-5579', inter csg press - 230#

Run temp & caliper log, open inter csg & rec'd 56 bo & 22 bw in ~36 hrs

Free pt shows csg 100% free @ 7000', inter flw'd add'l 19 bo & died

TA well pending approval to repair csg & test Bone Springs

3/5/04 Cut & pull 4 1/2" csg from 7003'

RIH w/143' jts 10.5# & 11.6# csg & latch onto fish @ 6989'

Cmt w/695 sx, didn't bump plug or circ

D.O. to 6986' & test csg to 1500#, ok

Pull Spectra GR/CNL/CBL from 6969'(PBTD), TOC @ 3750'

PERF Bone Springs 6812', 14', 26', 44', 49', 72', 77', 86', 95', 6900'(2 JSPF)

Acid: 1000 g. 15% NEFE HCL + 40 BS's, AIR-5, ISIP-1080, MTP-5800

<100' entry/hr w/no show of oil & slight blow of gas

Inadvertantly set CIBP @ 4398', knock out & push to 6962' KB

Set CIBP @ 6800'

PERF 6667', 76', 83', 94', 6704', 08', 20', 44', 71', 94'(2 JSPF)

Acid: 1000 g. 15% NEFE HCL + BS's, AIR-5.5, ISIP-900, MTP-5800

No show of oil & gas

Set CIBP @ 6644' w/35' cmt

PERF 5921', 27', 32', 40', 46'-49', 75', 81', 86', 6005', 16'-18'(2 JSPF)

Acid: 2000 g. 15% NEFE HCL + 56 BS's, AIR-5, ISIP-915, MTP-5100

Swab w/100' entry in 2 hrs w/4 mcd rate

CIBP @ 6644' w/cmt

CIBP @ 6800'

Push CIBP to 6962'

CIBP @ 10060' w/cmt

CIBP w/1 7/16"(1') rope socket & 3 1/8"(2') CCL

Pushed to 10,178'

CIBP @ 10210' w/cmt

CIBP @ 10870' w/35' cmt.

Revised: **11/10/98**