

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

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 ☐ Other2. Name of Operator
Latigo Petroleum, Inc.3a. Address 3b. Phone No. (include area code)
550 W. Texas, Suite 700 Midland TX 79701 (432)684-42934. Location of Well (Footage, Sec., T., R., M., or Survey Description)
990' FNL & 660' FEL
SEC 34, T23S, R37E

5. Lease Serial No.

LC064118

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

E C HILL D FEDERAL #4

9. API Well No.

30-025-10950

10. Field and Pool, or Exploratory Area

TEAGUE; MCKEE

11. County or Parish, State

LEA
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 checked="" 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 UNSUCCESSFUL
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	WORKOVER
	<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 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.)

11/28/05 - MIRUPU. ND WH. NU BOP. PU & RIH w/6 1/8" bit, 6 - 4 3/4" DC's on 2 7/8" tbg. Tag cmt on top of CIBP @ 7098'. Close pipe rams & pressure to 500 psi. Bled down in 2 mins. Re-pressure to 500 psi & bled off in 2 mins.

11/29/05 - POOH w/tbg, DC's & bit. PU pkr & RIH on 2 7/8" workstring. Located hole in csg @ 4806'. Pumped into hole @ 1.4 BPM @ 1700 psi.

11/30/05 - POOH w/pkr. PU bit & RIH w/6 - 4 3/4" DC's on 2 7/8" workstring. Broke circ @ 4825' (csg leak @ 4806'). Had full returns. Continue in hole to CIBP @ 7098'. Drilled on plug for 3 hrs. PU & circ hole clean.

Continued on back

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Lisa Hunt		Title Regulatory Analyst	ACCEPTED FOR RECORD FEB 21 2006 JES BARYAK PETROLEUM ENGINEER
Signature <i>Lisa Hunt</i>		Date 02/16/2006	
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 Office	Date JES BARYAK PETROLEUM ENGINEER

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)

GWW

12/1/05 - Drl on CIBP. Drilled up plug in 3 1/2 hrs. Began losing fluid immediately after drilling up plug. RIH w/bit to 7241' & tagged solid. Resume circ w/approx 80% returns. Circ clean. POOH w/bit & DC's. RIH w/25 stds tbg.

12/2/05 - POOH w/kill string. PU & RIH w/5 7/8" cut-rite shoe, T-dog, 4 jts 5" washpipe on 2 7/8" tbg. Tag @ 7243'. Pumped 85 bbls wtr to load hole & break circ. Milled 1.5' & mill quit torqueing. Could not get mill to make hole. Circ clean. Start POOH. Got out of hole w/40 stds.

12/3/05 - Finish POOH w/mill. Found bottom cone f/CIBP wedged in shoe. RIH w/25 stds.

12/5/05 - PU millshoe & 4 jts 5" washpipe & RIH on 2 7/8" workstring. RIH & tagged fill/junk. POOH w/2 stds.

12/6/05 - RIH to 7243'. Load hole w/110 bbls & establish circ. Drilled down last 6' of jt. Continue milling. At 7255' mill began torqueing. Milled on junk for 1 hr & made no hole. Mill quit torqueing. Circ clean. POOH w/3 stds.

12/8/05 - Had oil & strong gas w/btms up. Circ gas out of hole. POOH w/WP & mill. Rec 10' piece of twisted, corroded tbg in WP. PU new mill shoe (6" OD) & RIH w/3 jts 5-1/2" WP on 2-7/8" WS. RIH w/50 stds tbg.

12/9/05 - Made 5' to 7260' & mill torqued up. Pulled 15K over string wt to get tbg string free. POOH w/mill. PU pkr & RIH on workstring. Set pkr @ 7112'. Will swab test Devonian perms 7146'-7206'.

12/10/05 - Load annulus w/35 BW. Pressure annulus to 500 psi. Lost 500 psi in 2 mins (csg leak @ 4805'). RU to swab. Made 32 swab runs. Recovered 195 BW. IFL @ 4300'. FFL @ 6400'. Got light blow of gas after run on last 5 runs.

12/12/05 - Swab well. IFL @ 3200'. Made 26 swab runs & sandline parted 50' above swab tools. FFL @ 6400'. Recovered 147 BW w/trace of oil. Last 15 runs well had continuous fair blow of gas.

12/17/05 - Rel pkr. POOH w/tbg. Swab. PU & RIH w/RBP & pkr. Set RBP @ 4900'. PUH & set pkr @ 4890'. Test RBP to 500 psi - held good. Unset pkr & PUH to 4750'. Reset pkr @ 4750'. Load & test annulus to 500 psi - held good.

12/21/05 - Bled well to tank. No fluid recovered. Unseat pkr. RIH to RBP. Latch onto & unseat RBP. PUH to 4678' (csg leak @ 4805') & reset RBP. PUH 10' & set pkr. Test RBP to 500 psi. Held good. Unseat pkr & POOH. LD pkr. RIH w/retrieving head on 2 7/8" workstring to 4615'.

12/27/05 - RIH w/10 jts & latched onto RBP. Unseat RBP & move down hole to 5011'. Set RBP. Dump 3 sxs sand on top of RBP. POOH. RU & RIH W/ cmt retainer to 4748'. Set retainer # 4748'.

12/28/05 - Squeeze csg leak w/150 sxs (75 sxs "C" w/fluid loss followed by 75 sxs "C" w/2% CaCl). Performed squeeze w/final shut down pressure of 1300 psi. Could not exceed 1500 psi without formation taking fluid. Stung out of retainer & reversed out 1/4 bbl cmt. POOH w/tbg.

12/29/05 - RIH w/6 1/8" bit & 6 - 4 1/2" DC's on workstring. Tagged cmt retainer.

12/30/05 - Drill cmt f/4749' to 4760'. Circ hole clean. POOH w/5 stds.

12/31/05 - Drill hard cmt to 4818'. Circ hole clean. POOH w/3 stds.

1/3/06 - RIH to 4815'. Drl cmt to 4878' & bit fell through cmt. Circ hole clean. Pressure up on squeeze to 500 psi. Lost 80 psi in 10 mins. Re-tested squeeze 2 more additional times to 500 psi. Lost 80 psi in 10 mins each time. Pulled bit up to 4800'. RU to swab. IFL @ 200'. Swabbed 68 bbls. FFL @ 2700'. Last hr of swabbing IFL @ 1600'. Swabbed 21 bbls. FFL @ 2700'.

1/4/06 - RIH w/swab. FL @ 1500'. POOH & LD DC's. Set pkr @ 4900'. Pressure tbg to 500 psi. Held good. Pressure annulus to 500 psi. Lost 80 psi in 10 mins. Unseat pkr & PUH to 4836' & set pkr. Pressure tbg to 500 psi. Held good. Pressure annulus to 500 psi. Lost 80 psi in 10 mins. Unseat pkr & PUH to 4800' & set pkr. Pressure tbg to 500 psi. Lost 80 psi in 10 mins. Pressure annulus to 500 psi. Held good. Pressured up to 2000 psi w/no rate. Lost 200 psi in 5 mins.

1/5/06 - Set pkr @ 4800'. Open bypass. Spot 250 gals acid to pkr. Close bypass & started pumping acid into csg leak. Max-P = 2700#. Pumped acid @ 1750# @ 0.5 BPM. Over-flushed acid w/5 BW. ISIP = 1700#, 5" = 850#, 10" = 580# & 15" = 400#. Unseat pkr & POOH. Set retainer @ 4750'. Load & test annulus to 500#.

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1/10/06 - Squeeze csg leak w/10 bbls "SqueezeCRETE". IPP 1700 psi @ 1 BPM. With 10 bbls displ gone, press broke back to 400 psi. Displ cmt to within 1 bbl of retainer. Stung out of retainer & rev circ. Rev 3 bbls cmt to pit. POOH.

1/16/06 - PU 6 1/8" bit, 6 - 4 3/4" DC's & RIH on 2 7/8" workstring. Tag retainer. Drilled retainer in 2 1/2 hrs. Bit fell thru. No cmt under retainer. Pressured csg to 500 psi. Lost 75 psi in 10 mins. Re-pressured csg to 500 psi. Lost 75 psi in 10 mins. RU swab. Made 19 swab runs. Recovered 68 BW. IFL @ 250' & FFL @ 1500'.

1/18/06 -SITP - POOH & LD DC's. Set pkr @ 4744' Load annulus & pressure to 500 psi. Held good.

1/19/06 - Pull pkr up hole & set @ 4712'. Pump gel. At 7:00 p.m. pumping gel @ rate of 1/3 BPM @ 1600 psi.

1/30/06 - Release pkr @ 4712' & found tbg plugged. TOH w/108 jts 2 7/8" tbg. Tbg plugged w/gel. Pressured tbg to 3000#. Tbg pluggged. TOH w/remaining 41 jts 2 7/8" tbg (plugged), SN & 7" Kline pkr w/unloader. TIH w/6 1/8" bit, BS, SN & 41 jts 2 7/8" tbg. Unplugged & reversed gel to pit. TIH w/remaining 108 jts 2 7/8" tbg (149 jts in). Bit @ 4712'. PU power swivel & NU WH. Broke circ. Washed f/4712' to 4920' (208'). Tagged solid. Circ WB clean w/2% KCL wtr. LD swivel & 1 jt 2 7/8" tbg (155 jts in). Bit @ 4896'. Pressure test 7" csg to 550#. Held for 15 mins.

1/31/06 - ND WH. TOH w/156 jts 2 7/8" tbg, SN, BS & 6 1/8" bit. TIH w/6 1/8" x 6' cutrite shoe & 156 jts 2 7/8" tbg. Tagged @ 4920'. NU WH. Broke circ. Milled f/4920' - 4928' (8') & chased. Cmt retainer remains @ 4970' (158 jts in). LD swivel & ND WH. TOH w/158 jts 2 7/8" tbg & 6 1/8" cutrite shoe. No recovery.

2/1/06 - TIH w/re-dressed 6 1/8"x6' kutrite shoe w/wires, SN & 158 jts 2 7/8" tbg. Tagged @ 4970'. NU WH. Broke circ. Milled & washed f/4970' - 4985' (15'). Kicked out reverse pump & dry drilled f/4985' - 90' (5'). Stacked out tbg string wt on fish. LD swivel. ND WH. TOH w/158 jts 2 7/8" tbg, SN, & 6 1/8" shoe. No recovery. TIH w/6 1/8" shoe, SN & 158 jts 2 7/8" tbg. Tagged @ 4988'. NU WH. Broke circ. Milled & washed f/4988' - 4990' (2') in 3 hrs. Circ WB clean. LD swivel & 1 jt 2 7/8" tbg (157 jts in).

2/2/06 - TIH w/1 jt 2 7/8" tbg. Tagged @ 4990'. Milled for 3 hrs & made 2". Circ WB clean. LD swivel. NDWH. TOH w/158 jts 2 7/8" tbg, SN & 6 1/8" shoe. No recovery. TIH w/6 1/8" OD Cone Buster mill, SN & 158 jts 2 7/8" tbg. Tagged @ 4987'. PU power swivel. NU WH. Broke circ. Milled f/4987'-4989' (2').

2/3/06 -TOH w/158 jts 2 7/8" tbg, SN & 6 1/8" mill. Found 3/4"x1" piece of slip stuck in mill's circ port. TIH w/3 3/4" magnet & 1 jt 2 7/8" tbg on sandline. Made 2 runs. No recovery. LD magnet. TIH w/6" lead block, SN & 158 jts 2 7/8" tbg. Set down @ 4989'. TOH w/158 jts 2 7/8" tbg, SN & lead block. TIH w/6 1/8" Cone Buster mill, SN & 158 jts 2 7/8" tbg. Tagged @ 4987' (SLM). PU power swivel. NU WH. Broke circ. Milled f/4987'-4989' (2'). Circ WB clean. LD swivel & 1 jts 2 7/8" tbg (157 jts in).

2/4/06 - TOH w/remaining 157 jts 2 7/8" tbg, SN & 6 1/8" Cone Buster mill. TIH w/6 1/8"x6' kutrite shoe w/wires, SN & 158 jts 2 7/8" tbg. Tagged @ 4988' (SLM). NU WH. Broke circ. Milled for 3 hrs @ 4988'. Made no hole. Circ WB clean. LD swivel. ND WH. TOH w/158 jts 2 7/8" tbg, SN & 6 1/8" shoe. No recovery.

2/6/06 - TIH w/6-1/8" OD cone buster mill, SN & 158 jts 2-7/8" tbg. Tagged @ 4988' (SLM). PU power swivel, NU stripper head & broke circ. Milled for 7 hrs & made 8" of hole. Circ WB clean. LD swivel.

2/7/06 - Milled for 3 hrs & made 1". Circ WB clean. TOH w/158 jts 2-7/8" tbg, SN & 6-1/8" mill. RIH on sandline w/5-3/4" OD magnet & 1 jt 2-7/8" tbg. Rec 2 small pieces of metal. TIH w/6" OD lead block, SN & 158 jts 2-7/8" tbg. Sat down @ 4989' (SLM). TOH w/158 jts 2-7/8" tbg, SN & lead block.

2/8/06 - TIH w/6 1/8" OD mill tooth kutrite shoe w/3 rows of wires, SN & 158 jts 2 7/8" tbg. Tagged @ 4989'. NU WH. Broke circ. Milled & washed f/4989' - 4990' (18"). Circ WB clean. TOH w/158 jts 2 7/8" tbg, SN & 6 1/8" OD shoe.

2/9/06 - RIH on sandline w/1 jt 2 7/8" tbg & 5 3/4" OD magnet to 4981'. TIH w/3 3/4" tapered tap, SN & 158 jts 2 7/8" tbg. Tagged @ 4981'. Did not catch RBP. TOH w/158 jts 2 7/8" tbg, SN & tapered tap mill. TIH w/3 3/4" OD tapered tap, 6 1/16" OD centralizer, SN & 158 jts 2 7/8" tbg. Tagged @ 4991' (SLM). Engaged fish but unable to catch. Tap pulling out of RBP mandral. TOH w/158 jts 2 7/8" tbg, SN, centralizer & tapered tap. Recovered thaust spring.

2/10/06 - TIH w/SN & 157 jts 2 7/8" tbg. TOH & LD 157 jts 2 7/8" rental workstring tbg (298 jts on back). ND 6" 900 BOP & 6" 900 x 6" 900 adapter spool. TIH w/1 jt 2 3/8" tbg, landed & NU 6" 900 B-1 tbg hanger. RD. Clean location. SI.