

Submit 3 Copies To Appropriate District  
Office  
District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Ave., Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM  
87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
May 27, 2004

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-015-31154
		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other <input type="checkbox"/>		6. State Oil & Gas Lease No. 26428
2. Name of Operator Latigo Petroleum, Inc.		7. Lease Name or Unit Agreement Name Baretta 14 State
3. Address of Operator 550 W. Texas, Suite 700 Midland, TX 79701		8. Well Number 1
4. Well Location Unit Letter E : 1980 feet from the N line and 660 feet from the W line Section 14 Township 23S Range 26E NMPM County Eddy		9. OGRID Number 227001
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3300' Gr		10. Pool name or Wildcat Carlsbad Morrow South
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>		
Pit type steel Depth to Groundwater 70' Distance from nearest fresh water well 2000' SW Distance from nearest surface water 13 mi NE		
Pit Liner Thickness: mil Below-Grade Tank: Volume bbls; Construction Material		

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input checked="" type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

10-26-04 ☐ MIRU Quail. Blow down tbg, ND tree, NU BOP & released pkr. RU Basin Testers & scanned all tbg out of well. Found 364 jts Yellow & 1 jt Blue. RD Basin. RU Computalog & RIH w/4.34" gauge ring & junk basket w/GR/CCL. Pulled strip from 11,750' - 11,500'. POOH w/gauge ring. PU & RIH w/5 1/2" CIBP. Get on depth. Set plug @ 11,710'. POOH w/setting tool. Mixed & set 2 sx cmt on plug. POOH w/bailer & SDFN.

10-27-04 ☐ SICIP - 9#. RU BJ & frac perfs (4206' - 20') w/25# lightening gel w/46,070# 16/30 brown sand + Flexsand MSE 14/30 MESH ramp from 2#, 4# & 6# @ 25 bpm down 5 1/2" csg. Max psi - 2535, Min psi - 2147#, Avg psi - 2400#, Avg Inj Rate - 25.7 bpm, ISDP - 2366#, 5 min - 2208#, 10 min - 2086#, 15 min - 1952#. Total load - 549 bbls. Installed manifold. SICIP - 1150#. Opened up to pit (force close) for 15 mins @ 5 gal/min. Pressure stabilized @ 900# & lasted 10 min. SI well for 2 hrs (SICIP - 400#). Opened up @ 3:30 p.m. on 14 bbls. Rate 1st hr @ 6:30 p.m. - FCP 10# on 64/64 choke. Recovered 75 bbls of load. Left flowing to tank overnight. At 6:00 a.m. (14 1/2 hrs of flowing) total recovery was 178 bbls. Have 371 BLTR.

10-28-04 ☐ SITP - 250 psi. SICIP - 250 psi. Blow well down to frac tank. POOH w/kill string. RU Phils, PU & RIH w/5 1/2" Arrowset 1-X pkr, SN & 364 jts 2 3/8" N-80 tbg. Tested tbg to 10,000# above slips- no failures. RU Key & pumped 20 bbls 2% KCL down csg to reverse acid into tbg. Set pkr & attempted to L&T csg. Pkr is not holding. PU 1 jt, reset pkr. No test. POOH w/tbg & pkr. Found gauge ring & middle ring mashed. No rubber on pkr. PU repaired pkr & RIH again w/pkrs. Pumped 20 bbls 2% KCL water down csg. Set pkr, L&T csg & pkr to 1000 psi - held 5 mins. Csg tested good. SDFN.

CONTINUED ON BACK.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Donna Frazier TITLE Production Analyst DATE 12/09/2004

Type or print name Donna Frazier

E-mail address: dfrazier@latigopetro.com

Telephone No. (432)684-4293

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APPROVED BY: \_\_\_\_\_ TITLE \_\_\_\_\_ DATE DEC 16 2004

Conditions of Approval (if any):

- 10-29-04** SITP – 90 psi. SICP – 0 psi. ND BOP & NU WH. RU & RIH w/swab. IFL – Surface. Swabbed well down to 7500'. RD swab, NU tree saver & pressured up csg to 1000 psi – held. RU BJ & acidized well as directed w/1000 gal 7.5% HCL w/N2 Foamed to 48 quality. Dropped 12 BS's. Flushed to bottom perf w/3% KCL w/N2 Foamed to 48 quality. Avg rate – 5.5 bpm (Liquid/N2), Avg psi – 7014 psi, Pmax – 7650 psi. Poor ball action. ISDP – 4707 psi, 5 min - 4435 psi, 10 min – 4365 psi, 15 min – 4278 psi. RD BJ.
- 10-30-04** Well was SI @ 9:00 p.m. on 10/28/04. Well died & SIFN. Checked tbg pressure @ 7:00 a.m. – 800#. Bleed well down in 15-30 mins. RU swab, tagged fluid @ 3500', & swabbed well down in 23 runs to SN @ 11,595'. Made 2 runs from SN & tagged fluid @ 10,090'. Swabbed & flowed a total of 115 bbls of acid cut water. 30 bbls over total load
- 10-31-04** Well was SI @ 4:00 p.m. on 10-29-04 for 15 hours. Tbg pressure – 800#. Bleed well down in 10-15 mins. RU swab, tagged fluid @ 6500'. Made 2 runs. RU Pro WL & had to make 2 runs to set pressure gauges. SDFWE.
- 11-02-04** Tbg pressure – 500#. RU Pro Well Testers & pulled pressure gauges. Bleed well down 10-15 mins. RU swab, tagged FL @ 4300'. Swabbed well down in 25 runs to SN. Made 1 run after well is swabbed down & had 800' – 900' of fluid influx to well bore. Swabbed a total of 79 BF. Total fluid swabbed back was 110 bbls over load. After acid job SDFN. Problems with rain.
- 11-03-04** Tbg pressure – 700#. Bled well down 10-15 mins. RU swab, tagged FL @ 7000'. Swabbed well down in 4 runs. Swabbed 15 bbls to tank. Total fluid swabbed 125 bbls over load. RD swab, ND tree, NU BOP's, & loaded tbg in w/40 bbls 4% KCL water. Unset pkr & SDFN due to snow & bad weather.
- 11-04-04** TP – 250#. CP – 200#. Bled tbg & csg off. Pulled 362 jts 2 3/8" tbg & pkr. RU Computalog & ran cmt ret set @ 11,630'. TOH w/WL & RD Computalog. TIH w/362 jts 2 3/8" tbg & SDFN.
- 11-05-04** Checked tbg & csg for pressure. Not enough to measure. Just a slight blow. RU BH & loaded csg & tbg. Sting to cmt retainer at 11,630'. Got an injection rate, 1.6 BPM at 2350#. Mixed up 50 sxs class H w/3% FL-25 per sx total of 11 BBLS of slurry. Pump cmt into formation at 1.2 to 1.9 BPM at 2,600' – 3,200'. Pressure began climbing very fast. Unstung from retainer, reversed 1 BBL of cmt to pit. Pulled 20 STDS. SD. RU swab. Swab well down to 4,000'. Finished, tripped out. Ready to perforate well. SDFN. Will perforate in a.m.
- 11-06-04** No pressure on csg. RU Computalog & perf as follows:  
     11,574' – 11,574'  
     11,580' – 11,586'  
     11,588' – 11,590' (2 holes per ft).  
 RD WL, PU Arrowset pkr X-1, trip in w/2 3/8" tbg & set pkr @ 11,385'. Loaded csg w/3% KCL. Tested pkr, ND BOP's, NU 2 1/16" x 5000# tree, & swabbed well down to SN @ 11,355'. RU BJ & acidized well w/ 1250 gal 7 1/2% Morrow acid. Put 100,000 STCF of Nitrogen ahead of acid. Put 1000 STCF/bbl of acid & flushed. Max press – 8204#, Avg press – 8000#, Min press – 7100#, Rate 3 bpm fluid & 3 bpm nitrogen. ISDP – 6025#, 5 min – 4734#, 10 min – 4630#, 15 min – 4567#. RD BJ & flowed well to tank. TP – 4325# - 1450#. In 4 hrs flowed 29 BF to tank.
- 11-07-04** Flow testing well. TP – 1450# - 350#. Had combustible gas to surf. Gas leveled off @ 350#. Made 11 BW for a total of 41 bbls flowed back. 12 BLTR total fluid. Gas rate was 350# w/388 MCF. SI & SDFWE.