

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

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

Form C-103
May 27, 2004

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. 30-025-05567
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator Latigo Petroleum, Inc.		6. State Oil & Gas Lease No.
3. Address of Operator 550 W. Texas, Suite 700 Midland, TX 79701		7. Lease Name or Unit Agreement Name NM CE State
4. Well Location Unit Letter F : 1685' feet from the NORTH line and 1652' feet from the WEST line Section 6 Township 19S Range 37E NMPM County LEA		8. Well Number 2
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3730'		9. OGRID Number 227001
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>		10. Pool name or Wildcat EUMONT; YATES-7 RVRS QUEEN
Pit type N/A Depth to Groundwater Distance from nearest fresh water well Distance from nearest surface water		
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:

PERFORM REMEDIAL WORK ☒ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: Log & add perfs in Eumont ☒

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.

9-25-04 ☐ PU 1-1/2"-3-1/4" OD taper tap & RIH on 117 jts tbg to 3645'. Break circ, wash dwn to 3680'. POOH w/tbg & taper tap, had btm section of Guiberson KVL-30 pkr on taper tap. LD pkr section & taper tap. PU 3-7/8" bit & RIH on 6- dc's & 112 jts 2-3/8" N-80 tbg to 3680'. RU power swivel & break circ. Wash sd & begin drlg cmt @ 3715' & drl to CIBP @ 3760'. Drld on CIBP for 2-hrs before plug would turn loose & push CIBP dwn to 3927'. Failed to get circ back. POOH w/120 jts tbg & 6- dc's & bit. LD bit & dc's. SDFW. Prep to run bit & csg scraper Mon 9-27-04

☐
9-28-04 ☐ PU 3-7/8" bit & 4-1/2" csg scraper & RIH on 127 jts 2-3/8" tbg. Tag up @ 3927'. POOH w/tbg, LD bit & scraper. Prep to log Tue 9-28-04 AM.

☐
9-29-04 ☐ RU Computalog, PU logging tool & RIH to 3924' by WL. Run SGR-CN-Multipole Array Acoustilog. Correlate w/Lane wells Radioactivity log run in 1958 F/3924'-3640'. Ran out of fluid. POOH & RIH w/CR & set on WL, correlate w/Lane Wells log @ 3900'. Pump 65 bbls 2% KCL wtr dwn to fill annulus. Never filled completely - light vac. PU logging tools & re-run SGR-CN-Multipole Array Acoustilog from 3900'-2500'. RD Computalog. Prep to cmt sqz perfs 3924'-48' Wed AM 9-29-04.

CONTINUED SEE ATTACHED REPORTS.

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 NMOCDC guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Donna Frazier TITLE Production Analyst DATE 12/02/2004

Type or print name Donna Frazier

E-mail address: dfrazier@latigopetro.com

Telephone No. (432)684-4293

For State Use Only

APPROVED BY: [Signature] TITLE PETROLEUM ENGINEER
Conditions of Approval (if any):

DEC 13 2004
DATE

CONTINUED

NM CE STATE #2 API 30-025-05567

- 9-30-04 PU Baker Cmt stinger F/CR & RIH on 126 jts to 3900'. Sting into retainer, POOH LD 1 jt & space out w/10' & 6' tbg sub. RU BJ Services. Pump 70 bbls, had no circulation (capacity 54 bbls). SD annulus on light vac. Sting into retainer & pump 1-1/2 bbls to catch pressure. Establish inj rate 2.1 BPM @ 430 psi. Mix 75 sx Class C w/5/10% FL62 & pump dwn tbg. Pump 6-1/2 bbls of flush to catch pressure 172 psi. Flush dwn to 12 bbls & begin staging cmt in perms 3911'-24'-48'. Wait 10-mins. Pumped 1.8 bbls, press 306 psi. SD for 10-mins. Pump .9 bbls (total 14.7 bbls displacement) press 408 psi. Dropped to 100 psi. Pump 10 bbls over & annulus began circulating. Sting out of CR & circ 8 bbls of cmt out & reversed 62 BW out. POOH w/10 stds 2-3/8" tbg to 3264'. Wait 4-hrs, RIH w/10 stds tbg to CR. Mix 75 sx cmt. Pump dwn & begin displacement. 400 psi in 4.5 bbls. Pump another 4.5 bbls displacement. Pumped up BS to 1200 psi. Losing pressure, continue tbg displacement to 12 bbls. Staging pumping between tbg & BS. Press up tbg to 2000 psi & annulus to 1200 psi. POOH w/retainer. Circ 14 bbls cmt to tank leaving 3 bbls in formation. POOH w/cmt stinger & tbg. Close BOP & load annulus w/15 bbls & pump up w/to 1500 psi. SDFN.
- 10-01-04 No work performed today due to rain. Not able to get to location.
- 10-02-04 PU 3 7/8" bit & scraper. RIH on 2 3/8" tbg (125 jts - 3887'). PU 1 jt (126th) & tagged w/3' in @ 3890'. Have 10' of cmt on top of cmt ret set @ 3900'. POOH w/bit & scraper & 126 jts. LD bit & scraper. PU 4 1/2" Baker cmt ret & RIH on 2 3/8" tbg (124 jts - 3855.85'). Left ret swinging until Monday. Prep to squeeze perms (3874', 3891', retry squeeze perms 3911', 3924'-48') under ret set @ 3900'. SDFN.
- 10-05-04 RU BJ Services. Pumped down tbg 16 bbls to clear cmt retainer (circ to tank). Set retainer at 3855'. Pumped down tbg for inj rate = 1/10 BPM @ 2000# (called Midland and reported). No flow out of annulus during injection test. Tie on annulus and pumped 2 bbls (1/4 BPM @ 1000#). RD BJ Services. POOH with 3 stands of 2 3/8" tbg when PU motor blew up (will have to replace). SD. WOO & motor replacement.
- 10-05-04 RU BJ Services. Pumped down tbg 16 bbls to clear cmt retainer (circ to tank). Set retainer at 3855'. Pumped down tbg for inj rate = 1/10 BPM @ 2000# (called Midland and reported). No flow out of annulus during injection test. Tie on annulus and pumped 2 bbls (1/4 BPM @ 1000#). RD BJ Services. POOH with 3 stands of 2 3/8" tbg when PU motor blew up (will have to replace). SD. WOO & motor replacement.
- 10-07-04 Finished POOH w/118 jts of 2 3/8" tbg & cmt stinger. LD stinger & RU Computalog. PU gamma & CCL tool & logged from 3854' - 2700'. POOH w/logging tool. PU CCL & 3 1/8" perf gun & perf 2 SPF @ 3755', 3722', 3713', 3708', 3700', 3696', 3678', 3640', 3625' (18 holes). Existing old perms: 3790' - 99', 3813', 3825', 3840', & 2788' - 2864'. Dumped 5' cmt on top of ret @ 3855'. RD Computalog. PU pkr (AD-1) & SN & RIH on 115 jts of 2 3/8" N-80 tbg @ 3577' to 3580'. Set pkr w/10 pts tension. NU swab valve & started swabbing. IFL - surface. Made 6 runs & swabbed to SN @ 3579'. Rec'd 14 bbls - no gas blow. Waited 1 hr & RIH w/swab. Had 150' entry w/no gas blow. Waited 1 hr & had 50' entry w/no gas blow. Total runs - 8. Rec'd total for day 14 3/4 BW. SDFN.

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NM CE STATE #2 API 30-025-05567

- 10-09-04** SITP - 20 psi. RU swab. IFL - 3540' (40' of entry overnight). Swabbed dry. RU Cudd & acidized perf: 3625', 40', 78', 96', 3700', 08', 13', 22', 55', 90'-99', 3813', 25', & 40' w/2000 gal 15% HCL & 48 BS's. Had very good ball action (balled out 4 times). Max pressure - 5148 psi, avg press - 2750 psi, avg inj rate - 2.2 bpm, ISDP - 2430 psi, 5 min - 2388 psi, 10 min - 2365 psi, 15 min - 2339 psi. **Total load 73 bbls.** Opened up to tank & flw'd 21 bbls. RU swab. 1st FL @ surface. Swabbed down in 8 runs @ 12:30 p.m. At 1:00 p.m. waited 30 mins. FL @ 3330' (250' entry). Waited 1 hr - FL @ 3480' (100' entry). Waited 1 hr - FL @ 3470' (110' entry). Waited 1 ½ hrs - FL @ 3380' (200' entry). No gas blow. **Total recovery for day 41 ½ bbls. Have 31 ½ BLTR.** SIFN.
- 10-13-04** Continued to RIH w/2 3/8" tbg out of derrick. POOH LD 83 jts on ground. MI & unloaded 124 jts of 2 7/8" N-80 8rd EUE rental tbg. RU Hydrotesters & PU Baker pkr 4 ½" w/1.87 ID profile nipple on/off tool (9.61') & PU 113 jts of 2 7/8" N-80 tbg tested to 7000 psi. Set pkr @ 3571' w/6' KB correction. Note: Pkr set w/20 pts tension. SDFN.
- 10-21-04** RU BJ Services. Frac perforations - 3625'-3840' with 50 Q CO2 - 106 tons, medallion 4000, 51,000 gals with 21/40 sand - OTTAWA - 89440 lbs & flexsand, MSE 14/30 mesh - 3750 lbs, ramp from 1 ppg to 5 ppg - total prop 93,190 lbs. Max psi = 5100#, minimum psi = 4540#, avg psi = 4850#, treating psi = 22 bpm, average inj. = 22, flush inj = 23 bpm ISDP 2695#, 5 mins = 2625#, 10 mins = 2595#, 15 mins = 2576#, **total load to recover 602 bbls.** RD BJ Services. Installed flowback manifold. SITP 2350# 2 hrs shutin. Open up well to tank on 18/64 choke at 1:00 p.m., 2:00 p.m., FTP - 2150#, 18/64 ck made 44 bbls. 3:00 p.m. = FTP - 2100# made 44 bbls. 4:00 p.m. = FTP - 2150# made 30 bbls. 5:00 p.m. = FTP - 2100# made 30 bbls. 6:00 p.m. = FTP - 2100#, 16/64 ck made 30 bbls. 7:00 p.m. = FTP 2100#, 14/64 ck made 22 bbls. 8:00 p.m. = FTP - 2100#, 14/64 ck made 25 bbls. 9:00 p.m. = FTP - 1925# 14/64 ck made 22 bbls. 10:00 p.m. = FTP - 1700#, 14/64 ck made 7 bbls. 11:00 p.m. = FTP 1500#, 14/64 ck 7 bbls. 12:00 a.m. = FTP - 1300#, 14/64 ck made 3 bbls. 1:00 a.m. = FTP - 1100 #, 14/64 made 7 bbls. 2:00 a.m. = FTP 900#, 14/64 ck made 7 bbls. 3:00 a.m. = FTP - 825# 7 bbls. 4:00 a.m. = FTP - 750#, 11 bbls. 5:00 a.m. = FTP 650#, 14/64 ck 11 bbls. Total recovery overnite = 309 bbls have 293 bbls left to recover.