

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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 **Pure Resources, L. P.**3a. Address
500 W. Illinois, Midland, Texas 797013b. Phone No. (include area code)
432 498-8662

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

**1310' FSL & 1310' FWL
UL M, Sec. 24, T-26-S, R-34-E**5. Lease Serial No.
NM 654416. If Indian, Allottee or Tribe Name
NA7. If Unit or CA/Agreement, Name and/or No.
336908. Well Name and No.
Madera "24" Federal #19. API Well No.
30-025-3666610. Field and Pool, or Exploratory Area
Wildcat (Morrow)11. County or Parish, State
Lea County, New Mexico**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 checked="" type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Plug Back & Re-Complete New Drill
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input checked="" 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 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 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.)

This 3160-5 is to show all completion work performed on this new drilled well in attempting to find and complete in a viable producing horizon.

On 2/1/05, MIRU Key Well Services & Weatherford rental equip. ND DH tree, NU 7-1/17" 15K psi BOP & 5K psi annular, test blind runs, pipe rams 300psi low & 11Kpsi high-OK. Tested choke manifold to 10K psi-OK. On 2/7/05, PU bit, DC's & tbg, RIH to 16,153' - 16,155' pulling out 15.5 # mud. Tag fill @ 16,153', CO to 16,442'. Found bauxite & cmt. On 2/11/05, RIH & drlg out to 16,575', PBTD, PUH to 16,550'. On 2/12/05, RU Halliburton, test TOL & csg to 4K psi-OK, spotted 500g 10% acetic acid f/ 16,608'-13,000'. RU WL & RIH & set Baker 5-1/2" Model DB pkr @ 16,080'. POH, RD WL. On 2/16/05, RU Campbell tbg testers, make up ASA, TIH testing to 12K psi tbg, latch onto Model DB pkr, test to 4K psi-OK. Pull out of pkr, circ hole w/150 Bbls 10# pkr fluid. MU Tree adapter ND BOP, NU 2-9/16" 15K psi tree, test to 12K psi-OK. Test pkr to 4K psi-OK. On 2/21/05, blow well down, RU Baker Atlas & S.T.S. 10K Lubricator, test flow back manifold, lines & lbrctr to 9800psi-OK. RIH & perf f/16,182'-16,550' (20 holes). POH, RD WL unit & lbrctr. Start flowback to test well. Continue testing on 2/23/2005. On 2/24/2005, RU Halliburton, held safety mtg., acidized perms f/16,182'-16,550' w/4000g 10% acetic MSA w/30 RCNB's to divert. Good ball action from start & ballout @ 11,200psi, avg. inj. rate of 3BPM @ 9,450psi. RD HOWCO, flowback test to 2/28/05, recovered no oil, intermittent wet gas grey wtr. Very low fluid recovery from Morrow zone.

[CONTINUED ON ATTACHED 3160-5 (PAGES 2-5); ALSO SEE ATTACHED WELLBORE DIAGRAM]

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Alan W. BohlingTitle **Regulatory Agent**

Signature

Alan W. Bohling

Date

05/24/2005**ACCEPTED THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

SGD.J. DAVID R. CLARK

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.

(Instructions on page 2)

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☐ Oil Well ☒ Gas Well ☐ Other

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<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 checked="" type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other (PAGE 2) Plug Back & Re-Complete New Well in Prod. Zn.
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
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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 recomplete 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.)

This is PAGE 2 of 3160-5 to show all completion work performed on this new drilled well in attempting to find and complete the producing horizon.

On 3/04/2005, RIH w/1.74" GR & SB to blanking plug @ 16,090' on Run #1. Run #2, setting tool & CIBP set in 2-3/8" tailpipe @ 16,090' below the pkr @ 16,080'. RD WL, bled press to 0#, load tbg & test plug to 2000#-OK. On 3/07/2005, release seal assembly, pull to 15,860' & spot 10% acetic acid f/15,559'-15,856'. POH w/tbg. & seal assembly. Pkr @ 16,080' w/blanking plug + CIBP @ 16,090' in tail pipe. On 3/08/2005, MIRU WL, hold safety mtg., cap pkr @ 16,080' w/25' cmt. RDMO WL. (Morrow za P&A'd). On 3/10/2005, MIRU WL + Lubricator, test lubricator & BOP. Perf Lower Atoka w/2SPF f/15,559'-15,856' (total 24 holes). PU WL & set 5-1/2" Model DB Pkr, 6' sub, 1.81" F nipple @ 15,460'. RDMO WL. On 3/12/2005, RIH w/tbg., spaceout & engage pkr w/seal assembly. Release on-off tool, displace hole w/10# brine pkr fluid. Engage pkr., ND BOP, NU Tree, test backside to 2000psi. Pump away spot acid @ 5600psi & 1BPM. Open well & flowback test. Got low recoveries and low pressures. On 3/16/2005, MIRU acid crew, pump 10,000g 20% IC/HCL NEFE acid w/40 BIO ball sealers to divert. RDMO acid crew, open well @ 4pm w/5400psi on 3/4" choke. Pressure dropped to 380psi by 6pm, recovered 90 Bbls load. Press went from 40 psi to 400psi during flowback overnight w/steady fluid returns. recovered 220 Bbls, 110 Bbls left to recover. From 3/17/2005 - 3/22/2005, conducted flowback testing, & a 3 day pressure build-up test w/60 Bbls load remaining. Opened well up on 6/64" & recovered only 10 add'l Bbls, no oil. [CONTINUED ON ATTACHED 3160-5 (PAGES 3-5); ALSO SEE ATTACHED WELLBORE DIAGRAM]

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Alan W. Bohlring

Title Regulatory Agent

Signature

Alan W. Bohlring

Date

05/24/2005

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Approved by *SGD.J. DAVID R. GLASS*

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<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input checked="" type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other (PAGE 3) Plug Back & Re-Complete New
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
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This is PAGE 3 of 3160-5 to show all completion work performed on this new drilled well in attempting to find and complete in a viable producing horizon.

On 3/23/2005, MIRU Cudd pumping services, pressured annulus to 2000psi, tested lines to 10,000psi, pumped 3000g 15% NEPE acid w/48 1.3 SP ball sealers. Avg. TP=8000psi, avg. BPM=5.3. Now 252 Bbbs load to recover. After several attempts of shutting well in to build pressure and flow back, managed to only recover 145 Bbbs w/107 Bbbs remaining, 0 Bbbs new oil, pressures would build only minimally. On 3/24/2005, test lubricator to 5000psi, RIH w/GRJB, locate pkr & sub. RIH w/2-3/8" 10K CIBP, set CIBP in sub below pkr @ 15,466'. POH w/WL, RDMO Gray WL, Test tbg & plug to 2000psi-OK. On 3/28/2005, MIRU Key #307, set BPV in Tree, ND Tree, NU 7-1/16" x 15,000psi HYD BOP. Test BOP to 10,000psi-OK. MIRU Halliburton & spot 14 Bbbs 10% acetic acid f/15,400'-14,737'. TOH w/tbg, on-off tool & ASA. On 3/31/2005, RU Computalog, RIH w/bailer, dump 25' cmt on top of CIBP @15,466'. POH w/bailer (Lower Atoka zn P&A'd). MU casing gun & lubricator, test lubricator to 5000psi-OK. RIH w/gun & shot 2SPF f/15,258'-15,382' (Total 20.37" holes). POH w/gun, 0 shots fired. On 4/02/2005, RIH again & perforate Upper Atoka zn f/ 15,258' - 15,382', MU Baker Model DB pkr., RIH & set @ 15,150'. POH w/WL. On 4/04/2005, RIH w/tbg & latch onto pkr @ 15,150', release on-off tool, POH 1 jt, mix & pump 500 Bbbs pkr fluid-prep to acidize upper Atoka zn. [CONTINUED ON ATTACHED 3160-5 (PAGES 4-5); ALSO SEE ATTACHED WELLBORE DIAGRAM]

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Alan W. Bohling

Title Regulatory Agent

Signature

Date

05/24/2005

ACCEPTED FOR FEDERAL OR STATE OFFICE USE

Approved by SGLD DAVID R. GLASS

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Date

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SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NM 65441
2. Name of Operator Pure Resources, L. P.		6. If Indian, Allottee or Tribe Name NA
3a. Address 500 W. Illinois, Midland, Texas 79701	3b. Phone No. (include area code) 432 498-8662	7. If Unit or CA/Agreement, Name and/or No. 33690
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1310' FSL & 1310' FWL UL M, Sec. 24, T-26-S, R-34-E		8. Well Name and No. Madera "24" Federal #1
		9. API Well No. 30-025-36666
		10. Field and Pool, or Exploratory Area Wildcat (Morrow)
		11. County or Parish, State Lea County, New Mexico

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
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<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input checked="" type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other (PAGE 4) Plug Back
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	& Re-Complete New
	<input type="checkbox"/> Convert to Injection	<input checked="" type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	Well in Prod. Zn.

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This is PAGE 4 of 3160-5 to show all completion work performed on this new drilled well in attempting to find and complete in a viable producing horizon.

On 4/05/2005, SITP=TSTM, SICP=TSTM, latch onto pkr @ 15,150', ND BOP, NU 2-9/16"x15Kpsi Tree, RU HOWCO, acidize Upper Atoka perfs f/15,258'-15,382' (20 Holes) w/3000g 10% MSA acid, treated water & 40 1.3 Spec Gravity RCN Ball Sealers. Avg. press = 7483psi, avg. rate = 3.8 BPM. Balled out w/28 balls on formation. RDMO HOWCO, RU test equipment, flow tested well back. Total recovery 240 Bbls. From 4/07/2005 - 4/11/2005, several attempts to pressure up and pump into formation to build pressure, break formation, flow back, test for recovery. Pressures bled down rapidly with minimal recoveries-zn tight/dry. On 4/11/2005, RD HOWCO, RU Pro Wireline, RIH w/1.84" guage ring w/6000psi on tbg to 15,158'. POH w/guage ring, RIH w/1.81" F series, set in nipple @ 15,150'. POH w/WL. ND Tree, NU 7-1/16"x15Kpsi BOP, test pipe rams & blind rams to 8500psi-OK. RU floor & tongs, pull ASA out of pkr @ 15,150', PUH to 15,085', RU HOWCO & spot 300g 10% acetic acid. POH w/ASA & tbg. On 4/14/2005, RU E.M. Hobbs WL & 10K lubricator, test to 5000psi-OK. Perforate Strawn zn w/2SPF f/14,800'-15,080' (Total 28 holes). RIH w/Baker DB 5-1/2" pkr, 12' sub, 1.81" F nipple, WLEGw/pump out plug to 14,700' on WL, set pkr. On 4/16/2005, MU ASA w/on-off tool w/1.875" F nipple, RIH, latch into pkr, test casing to 4000psi for 15 min. - OK. Release on-off tool space out tbg., RU HOWCO, circ hole w/pkr fluid, latch onto pkr, test to 4000psi-OK. ND BOP, NU 2-9/16"x15Kpsi Tree, retrieve BPV-prep to acidize Strawn perfs f/14,800'-15,080'.

[CONTINUED ON ATTACHED 3160-5 (PAGES 5-5); ALSO SEE ATTACHED WELLBORE DIAGRAM]

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Name (Printed/Typed)

Alan W. Bohling

Title Regulatory Agent

Signature

Date

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This is PAGE 5 of 3160-5 to show all completion work performed on this new drilled well in attempting to find and complete in a viable producing horizon.

On 4/18/2005, RDMO Key, RU HOWCO, test lines to 10,000psi, load & test csg to 2,000psi, load & pressure tbg to 6,070psi, break formation. Pump 9,100g 20% CSA 150 acid and 42 1.3sp 7/8" ball sealers. Flush w/93 Bbls 2% KCL water & FW. Total load 285 Bbls. Avg. press=7,494psi, avg. rate=4.8BPM. Balled out w/28 ball sealers on formation. CI well, RD HOWCO, RU flowback equipment, flow back well to recover load & test. From 4/20/2005 - 4/21/2005, flowed back Strawn to recover load and test, recovering a total of 58 BO, 39 BLW, and gas at a rate of 1,280 MCFPD. On 4/22/2005, MIRU slickline & RIH w/sinker bars, tag bridge @ 9,800', work through tight spot, tag on+off to pkr @ 14,700'. Work thru tight spot in pkr, tag hard fill @ 15,033'. Closed well in for pressure build up test until 4/25/2005. (PBTB tagged @ 15,030' w/perfs from 15,065'-15,080' covered) On 4/29/2005, build up test analysis indicated low perm and no skin damage. Started to flow test Strawn zn from 14,800'-15,080'. Tested on 5/04/2005 on 32/64" choke w/FTP=100psi, @ 5 BOPD, 0 BWPD and gas rate of 486 MCFPD. [ALSO SEE ATTACHED WELLBORE DIAGRAM]

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Name (Printed/Typed)

Alan W. Bohling

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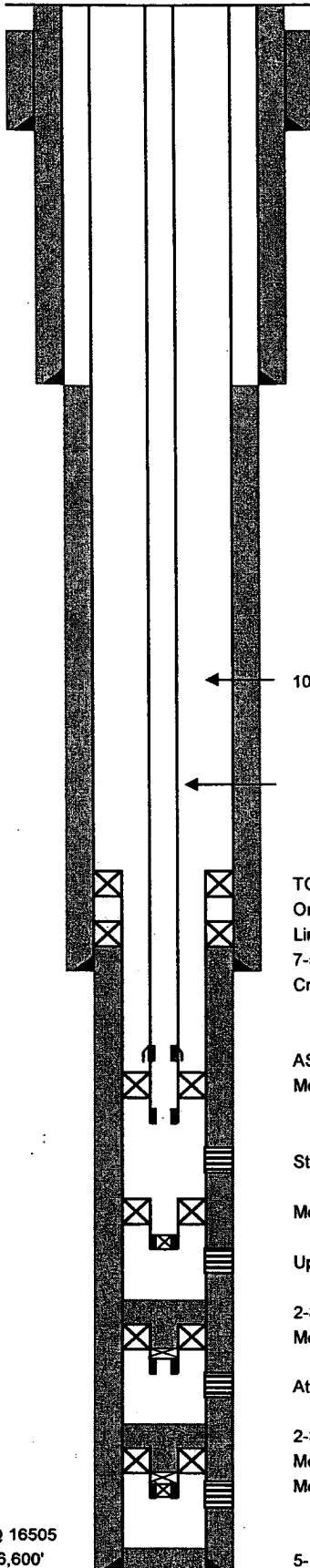
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

WELL: Madera 24 Federal #1
FIELD: Wildcat



A Unocal Company



9-5/8 SOWx11" 5000 x 7 1/16" 15000
 13-3/8 SOW was cutoff

13-3/8" 54.5# J-55 STC @ 1111'
 Cmtd w/ 875 sx.
 Circ cmt.

API # 30-025-36666
 Surf Loc: 1310' FSL 1310' FWL Sec 24 T26S R34E
 Lea Co., New Mexico
 Elev: GL 3197', KB 3227' (RKB 30')
 Spud: 10/13/04 RR: 9/20/04
 RR 1/9/05 First Sales:
 AFE # 1040326

9-5/8" 40# HCK-55 and J-55 LTC @ 5439'
 Cmtd w/ 2225 sx. TOC 710' TS
 Circ cmt.

TOC 5421 TS

10# BW

2 7/8" 7.9# N-80 and L-80 PH6

TOL @ 13169 ZXP liner top packer #2 with 10' tieback sleeve. Tstd to 3000 on 15.5 ppg mud.
 Original TOL 13186' ZXP lnr hngr pkr and 20' TB sleeve. TOL would not test.
 Liner top squeezed w/ 137sx. Would not test.
 7-5/8" 39# P110 UFJ @ 13400'
 Cmtd w/ 1150 sx. TOC 5421 TS.

ASA, On/off tool w/ 1.87" F nipple
 Model DB perm pkr @ 14700 ,8' sub, 1.81" F nipple, WLEG

Strawn perms 14800-15080
 Acidize w/ 10000 gal 20% gelled acid
 Model DB perm pkr @ 15150', 6' sub, 1.81" F nipple w/ plug in place, WLEG

Upper Atoka perms 15258 - 15382'
 Acidize w/ 3,000 gal 10% acetic acid.
 2-3/8" CIBP @ 15466' in tailpipe w/ 25' cmt cap
 Model DB perm pkr @ 15460, 6' sub, 1.81" F nipple, WLEG

Atoka Lime 15559-15856 2spf (24 holes)
 Acidize w/ 10,000 gal 20% HCL/ Acidize w/ 3000 gal ballout.
 2-3/8" CIBP @ 16090 in tailpipe w/ 25' cmt cap
 Model DB perm pkr @ 16080 ,10' sub, 1.81" F nipple @ 16090 w/ plug in place, WLEG
 Morrow 16182-203, 16366-404, 16516-550 (20 holes)
 Acidize w/ 4000 gal 10% Acetic 50 quality CO2 foam and 30 BS.

LC @ 16505
 TD 16,600'
 PBD 16575'

5-1/2" 23# P-110 Vam FJ @ 16596
 Cmtd to TOL w/ 370 sx. Did not bump plug.