

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

WELL API NO. 30-025-36924
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. 34373 (Property Code)
7. Lease Name or Unit Agreement Name Red Cloud "8" State (34373) Property Code)
8. Well Number 1
9. OGRID Number 150628
10. Pool name or Wildcat Rock Lake; Morrow, North (83955)

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.)

1. Type of Well: Oil Well ☐ Gas Well ☒ Other

2. Name of Operator
Pure Resources, L. P.

3. Address of Operator
500 W. Illinois Midland, Texas 79701

4. Well Location

Unit Letter N _____: 660 _____ feet from the South _____ line and 1980 _____ feet from the West _____ line
Section 8 Township 22S Range 35E NMPM County LEA

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3,591' GR

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type _____ 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 ☐

SUBSEQUENT REPORT OF:

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

OTHER: P&A w/ Well Completion Summary (3 PAGES) ☒

OTHER: ☐

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.

Pure Resources, L. P. respectfully requests approval to P&A this recently drilled well that has had several unsuccessful completion attempts in the Morrow, Wolfcamp and Strawn formations. A Completion Attempt Summary is presented here with the Proposed P&A Procedure following (on Page 2&3). Well logs are also enclosed. A more in depth C-103 Completion Work History for well records will be submitted later. As we plan to move onto this well on or about October 14, 2005, your prompt approval of the P&A Procedure will be greatly appreciated. If there are modifications or Conditions of Approval that need immediate attention, please contact Mr. Kenny Krawietz @ 432-687-7259.

Completion Attempt Summary

On 2/11/05, perf'd lower Morrow zone f/ 13,239'-13,469' (26 Holes). On 2/18/05, frac'd w/50,000g 70Q CO2 foam carrying 60,000# 20/40 Super DC proppant @ rate of 39.5 BPM & pressure of 6778psi. The lower Morrow zone was wet and had low pressure. Set a CIBP @ 13,200' w/ 35' cmt cap on top. On 3/18/05, perf'd upper Morrow zone f/ 12,943'-13,085' (24 Holes). Did not treat. The upper Morrow zone was also wet. Set CIBP @ 12,910' w/25' cmt cap on top. On 3/30/05, perf'd lower Wolfcamp zone f/ 11,672'-11,774' (30 Holes). On 4/01/05, frac'd w/1,492 Bbls XL 2% KCL carrying 31,800# 20/40 Super DC proppant-screened out. MIRU coiled tbg unit, CO sand. On 4/06/05, perf'd upper Wolfcamp zone f/ 11,436'-11,444' (32 Holes).
(Continued on PAGE 2)

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 Alan W. Bohling TITLE Regulatory Agent DATE 10/13/2005

Type or print name Alan W. Bohling E-mail address: abohling@pureresources.com

Telephone No. (432) 498-8662

For State Use Only

APPROVED BY: GARY W. WINK TITLE _____ DATE 500Z 01 AON

Conditions of Approval (if any): OC FIELD REPRESENTATIVE II/STAFF MANAGER

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5. Indicate Type of Lease
STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
34373 (Property Code)

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Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type 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

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PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

SUBSEQUENT REPORT ON

REMEDIAL WORK ☒ ALTERING CASING ☐
COMMENCE DRILLING OPERATIONS AND A ☐
CASING/CEMENT JOB ☐

OTHER: P&A w/ Well Completion Summary (PAGE 2) ☒

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Continuation of Completion Attempt Summary (PAGE 2)

On 4/07/05, frac'd upper Wolfcamp zone w/971 Bbls 2% KCL carrying 30, 481# 20/40 DC (dual coated Ottawa)-screened out. CO well to 12,700', MIRU WL, set pkr. @ 11,330' w/pump out disc, RDMO WL & coiled tbg unit. TIH w/tbg & latch onto pkr, pump out press disc, set to flow/swab test Wolfcamp zones. Recovered only load water and some oil. Wolfcamp zone dry. On 7/06/05, perf Strawn zone f/12,048'-12,068' (60 Holes). Acidized w/3000g 15% NEFE acid & 60 RCNB's to divert @ 3.78 BPM & 4300psi. Flow/swab test well-no recovery. On 7/09/05, frac'd Strawn w/30,000g Hybor G-R (21) fluid carrying 39,000# 20/40 mesh Super DC resin coated sand in 7 stages @ rate of 15.2 BPM & press of 6300psi. Flow test well. Strawn zone wet. Plan to P&A well per following **Proposed P&A Procedure**.

Proposed P&A Procedure

1. Blow well down. Pump Wolfcamp oil back into formation down casing. Displace w/10# BW. MIRU PU. Load tubing.
2. ND tree. NU 5k BOP. Release pkr. Circ hole w/10# BW. POH. RU Wireline and packoff. Run 3-3/4" GR JB to 12,050'.
3. Set CIBP @ 12,020' & dump 35' cmt cap on top. Run 6-1/8" GR JB. Set 7" CIBP @ TOL @ 11,790' & dump 35' cmt cap.
4. Set 7" CIBP above Wolfcamp perfs @ 11,410' & dump 35' cmt cap. Test csg to 1000#. ND BOP & tubinghead.
5. RIH w/jet cutter. Cut 7" csg @ 6040', RU csg crew. POH LD 7" csg. (Continued on PAGE 3)

SPOT 100' PLUG F/8474'-8374'

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SIGNATURE Alan W. Bohling TITLE Regulatory Agent DATE 10/13/2005

Type or print name Alan W. Bohling E-mail address: abohling@pureresources.com Telephone No. (432) 498-8662

For State Use Only

APPROVED BY: Gary W. Wink TITLE FIELD REPRESENTATIVE II/STAFF MANAGER DATE NOV 10 2005

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OTHER: P&A w/ Well Completion Summary (PAGE3) ☒

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COMMENCE DRILLING OPNS. ☐ P&A ☐
CASING/CEMENT JOB ☐

OTHER: ☐

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Continuation of Proposed P&A Procedure (PAGE 3)

6. GIH w/2-7/8" tubing to 6,090'. Circ hole w/10" PPG 35 vis mud
7. Spot cmt plug f/ 6,090'-5,774' → SPOT 100' PLUG F/4207 - 4107'
8. Spot cmt plug f/ 1,470'-1,370' → TAG (138 SHOE)
9. Spot surface cmt plug f/ 10' to surface → WATERBOAR PLUG F/400'-300'
10. Cut off wellhead. NU P&A marker. → 105X OR 60'

BHP in Strawn is estimated @ 6000psi, 9.6 PPG.
BHT 178* @ 13,695' & 157* @ 12,002'.
Use 10 PPG BW.
BOP equipment to 5k psi.

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OG FIELD REPRESENTATIVE II/STAFF MANAGER

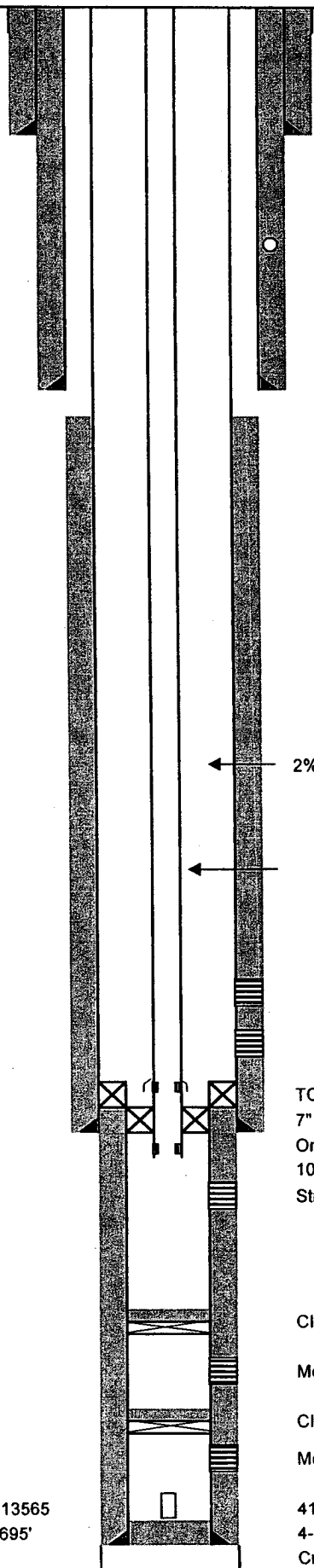
APPROVED BY: Harry W. Wink TITLE _____ DATE 10 2005

Conditions of Approval (if any):

WELL: Red Cloud 8 State #1
FIELD: San Simon Southwest (Strawn)



A Unocal Company



11" 5000 x 7 1/16" 10000 tbg hd.
 20" conductor @62'

13-3/8" 54.5# K-55 LTC @ 1420'
 Cmtd w/ 1460 sx.
 Circ cmt.

DV Tool @ 4089'

9-5/8" 40# HCK-55 and J-55 LTC @ 5824'
 Cmtd 1st stage w/ 650 sx. Circ cmt to DV tool
 2nd stage w/ 1050 sx. Circ cmt.

TOC 6144 TS

2% KCl water

2 7/8" 6.5# L-80 EUE 8rd.

Upper Wolfcamp 11436-444 4 spf (36 holes)

Frac w/ XL 2% KCl and 30481# 20/40 super DC (dual coated ottawa) - Screen out

Lower Wolfcamp 11672-774 2 spf (30 holes)

Frac w/ XL 2% KCL & 31800# super DC 20/40. Screen out.

TOL 11801' ZXP Inr hngr pkr and 10' TB sleeve. TOL tstd to 5000 on Morrow frac.

7" 26# HCP110 LTC @ 11990'. Cmtd w/ 935 sx. TOC 6144 TS.

On/off tool w/ 1.87" F nipple

10k retv. pkr @ 11950± ,6' sub 2 3/8", 1.81" F nipple, pump out plug, WLEG

Strawn perms 12048 - 68 w/ 3 spf (60 holes)

CIBP @ 12910' w/ 25' cmt cap

Morrow 12943-48, 13042-85 (24 holes).

CIBP @ 13200' w/ 35' cmt cap

Morrow 13239-41; 13406-69 (26 holes)

Frac w/ approx 50,000 gal 70 quality CO2 foam and 50,000# 20/40 Super DC resin coat

41' perf gun, CCL, etc left in hole

4-1/2" 13.5# P-110 LTC @ 13656

Cmtd to TOL w/ 175 sx.

LC @ 13565
 TD 13695'

WELL: Red Cloud 8 State #1
FIELD: San Simon Southwest (Strawn)



A Unocal Company

Cmt plg 10'-surf 11" 5000 x 7 1/16" 10000 tbg hd.
 20" conductor @62'

Cmt plug 1470-1370 13-3/8" 54.5# K-55 LTC @ 1420'
 Cmtd w/ 1460 sx.
 Circ cmt.

DV Tool @ 4089'

Cmt plug 6090 - 5774' 9-5/8" 40# HCK-55 and J-55 LTC @ 5824'
 Cmtd 1st stage w/ 650 sx. Circ cmt to DV tool
 2nd stage w/ 1050 sx. Circ cmt.
 7" cutoff @ 6040'
 TOC 6144 TS

API # 30-025-36924
 Surf Loc: 660' FSL 1980' FWL Sec 8 T22S R35E
 Lea Co., New Mexico
 Elev: GL 3591', KB 3616' (RKB 25')
 Spud: 12/3/04 RR: 1/18/05
 First Sales:
 AFE # 1040368

Formation Tops

Base of salt	3959
Yates	4157 ✓
Cherry Canyon	5785
Brushy Canyon	7128
Bone Springs LS	8434 ✓
Wolfcamp	11234
Strawn	11954
Atoka	12261
Atoka Bank	12375
Morrow	12559

CIBP w/ 35'
 cmt cap @

11410'

Upper Wolfcamp 11436-444 4 spf (36 holes)

Frac w/ XL 2% KCl and 30481# 20/40 super DC (dual coated ottawa) - Screen out

Lower Wolfcamp 11672-774 2 spf (30 holes)

Frac w/ XL 2% KCL & 31800# super DC 20/40. Screen out.

TOL 11801' ZXP lnr hngr pkr and 10' TB sleeve. TOL tstd to 5000 on Morrow frac.

7" 26# HCP110 LTC @ 11990'. Cmtd w/ 935 sx. TOC 6144 TS.

11790'

12020'

Strawn perms 12048 - 68 w/ 3 spf (60 holes)

Frac w/ 30000 gal and 39,000# 20/40 super DC.

12910'

CIBP @ 12910' w/ 25' cmt cap

Morrow 12943-48, 13042-85 (24 holes).

13200'

CIBP @ 13200' w/ 35' cmt cap

Morrow 13239-41; 13406-69 (26 holes)

Frac w/ approx 50,000 gal 70 quality CO2 foam and 50,000# 20/40 Super DC resin coat

41' perf gun, CCL, etc left in hole

4-1/2" 13.5# P-110 LTC @ 13656

Cmtd to TOL w/ 175 sx.

LC @ 13565
 TD 13695'

