

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NMOCD

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

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.

RECEIVED

JUL 14 2005

000-ART-100

SUBMIT IN TRIPLICATE - Other instructions on reverse side

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

2. Name of Operator
McCabe Energy, Inc.

3a. Address
P. O. Box 3816, Midland, TX 79702

3b. Phone No. (include area code)
(432) 682-9653

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1,910' FNL & 1,838' FEL, Sec. 20, T24S, R28E, NMPM

5. Lease Serial No.
NM92757

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
Willow Lake Federal "20" #1

9. API Well No.
30-015-33209

10. Field and Pool, or Exploratory Area
Willow Lake

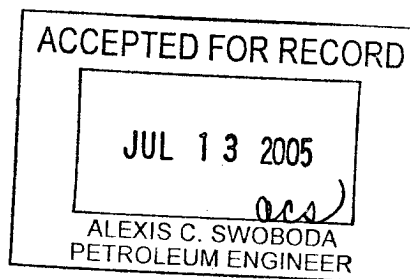
11. County or Parish, State
Eddy County, New Mexico

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 type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Add Perforations
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<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 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.)

SEE ATTACHED SHEET.



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

Gregory L. Hair

Title Executive Vice President

Signature

Date 6/20/2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

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 reverse)

5/9/05 25 BO + 127 BW Compressor down on low suction. Put unit on 100%, had been on 50%.

5/10/05 64 BO + 138 BW Compressor down on low suction

5/11/05 50 BO + 139 BW Not making enough gas to run compressor.

5/12/05 33 BO + 169 BW Well is not pounding fluid, will shoot FL tomorrow

5/13/05 28 BO + 155 BW Fluid level shot shows FL @ 2125' (67 jts). Change sheave & SPM = 10.

5/14/05 31 BO + 183 BW

5/15/05 20 BO + 169 BW

5/16/05 14 BO + 166 BW

5/17/05 19 BO + 172 BW

5/18/05 17 BO + 227 BW

5/19/05 28 BO + 210 BW

5/20/05 8 BO + 166 BW

5/21/05 14 BO + 181 BW

5/22/05 14 BO + 202 BW

5/23/05 9 BO + 157 BW

5/24/05 8 BO + 152 BW

5/25/05 8 BO + 133 BW Fluid level shot shows FL @ 4720' (147 jts) & unit shows a fluid pound. Change sheave back to 7.5 spm.

6/06/05 MI & spot Pool Well Service.

6/07/05 RU Pool PU, reverse unit & attempt to unseat pump. Back off rods & POOH with all rods + pump pull rod. RU swab & swab well down flow line. LD swab, ND well head & NU BOP. Unseat TAC & POOH with 2 7/8" tubing. PU retrieving tool for RBP & RIH to 4680'. SDFD.

6/08/05 Continue in the hole with retrieving tool to 4905' & tag sand (125' fill). Reverse circulate sand off RBP (500 bbls 2% KCl water). POOH, LD RBP & SDFD.

6/09/05 PU 4 3/4" bit, RIH & tag fill @ 6217'. Clean out frac sand to 6255', circulate clean & POOH. RU Precision to run after frac gamma/collar (found interval from 4758' - 4806' fraced, perfs = 4744' - 4774'). RD precision & ran tubing for production as follows:

1-2 7/8" Seating nipple	1.10'
50-2 7/8", J-55, 8rd tubing	1580.09'
1-2 7/8" X 5 1/2" TAC	2.50'
146-2 7/8", J-55, 8rd tubing	4629.04'
Total tubing	6212.73'
KB	17.00'
Set @	6229.73'

ND BOP, set anchor (12,000# tension) & NU well head. SDFD.

6/10/05 PU new 2 1/2" X 1 1/2" X 20'-5' pump with strainer nipple & RIH with rods. Hang on pumping unit & load tubing. Test to 500 psi held ok. Leave well pumping & SDFD.

6/11/05 0 BO + 257 BW venting gas

6/12/05 0 BO + 119 BW with slight oil cut

6/13/05 36 BO + 242 BW Gas Rate = 175 mcf/day

6/14/05 40 BO + 242 BW Made 191 mcf

4/28/05 RU Pool, POOH with rods & pump. ND well head, NU BOP, unseat TAC & POOH with 2 7/8" tubing. RU Precision & perf as follows: 4744', 4754'-67', 4771'-74' 2spf. RD Precision, SI&SDFD.

4/29/05 PU 5 1/2" RBP & PKR. RIH with tools to 4700', leave swinging & SDFWE.

5/2/05 Continue in the hole with tools to 5030'. Set RBP & test to 1000 psi (held ok). Pull PKR to 4774', RU KEY EPPS & spot 100 gal 7 1/2 % NEFE HCl across interval. Pull PKR to 4652', set & put spot acid away (breakdown press = 1250 psi). Acidize perms with 1150 gal 7 1/2% NEFE with 60 balls (good ball action - no ball out). Max rate = 3.6 bpm, Avg rate = 2.7 bpm, Max press = 1280 psi, Avg press = 1055 psi. ISIP = 750 psi, 5 min = 695 psi, 10 min = 670 psi, 15 min = 655 psi. Open well to tank, flwd down & RU swab. Made 5 runs with swab & swabbed dry. Wait 1 hr, made one more run & recovered 500' fluid with slight show of gas. Recovered 40 bbls LW. LWTR = 20 bbls.

5/3/05 SITP = 0 psi. Made one run with swab & found FL @ 2600', pulled from 4100' & recovered 1500' fluid with 500' free oil on top of run. RD swab, unseat PKR & POOH. ND BOP, NU frac valve & KEYEPPS to frac. Frac with 22,512 gals AmBorMax 1025 carrying 36,500# 20/40 Brady & 13,500# 20/40 Super LC. Max rate = 15.3 bpm, Avg rate = 12.7, Max press = 1180 psi, Avg press = 964 psi. ISIP = 960 psi, 5 min = 949 psi, 10 min = 820 psi, 15 min = 780 psi. RD KEYEPPS & RU Flow Test. Leave well shut in 3 hrs & open (3:00 PM) to frac tank on 18/64"choke (640 psi). LWTR = 649 bbls

5/4/05 FTP = 3 psi. Well made 318 bbls LW over night (no show oil or gas). Prep to run tubing & swab. (early report)). ND frac valve, NU BOP & RIH with tubing as follows:

1-2 7/8" BPMA	31.72'
1-2 7/8" Perforated sub	4.00'
1-2 7/8" Seating nipple	1.10
4-2 7/8", J-55, 8rd tubing	126.88'
1-2 7/8" X 5 1/2" TAC	2.50'
144-2 7/8", J-55, 8rd tubing	4567.68'
148	
Total tubing	4733.88'
KB	16.00'
Set @	4749.88'

NOTE: Ran tubing to 4876' to check for fill & found none.
ND BOP, set TAC (12,000# tension) & NU well head. RU swab & made 25 runs & recovered 215bbls LW. Beg FL = surface & ending FL = 3300'. Oil cut last 5 runs = 5 - 10%. LWTR = 136 bbls. SDFD.

5/5/05 SITP = 110 psi, SICP = 20 psi. Bleed well down (all gas) & made one swab run. FL = 1200', pulled from 2700' & recovered 60% oil. RD swab & ran rods as follows:

1-2 1/2" X 1 1/2" X 20' - 5' pump with 8' gas anchor
1-3/4" X 2' Rod sub
43-3/4" Rods
74-7/8" Rods
69-1" Rods
1-1" X 4' Rod sub
1-1 1/4" X 22' Polish rod with 1 1/2" X 12' liner
Space out pump & hang on pumping unit. Well pumped up in 30 min, test tubing to 500 psi (5 strokes - held ok). Rig down & leave well pumping on hand.

5/6/05 11 BO + 198 BW + some gas, started compressor

5/7/05 15 BO + 104 BW Compressor down on low suction

5/8/05 23 BO + 160 BW Start compressor