

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division  
811 S. 1st Street  
Artesia, NM 88210-2894

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other Dual completion: Wolfcamp & Morrow

2. Name of Operator

Penwell Energy, Inc.

3. Address and Telephone No.

600 N. Marienfeld, Ste. 1100, Midland, Texas 79701

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

1980' FNL & 1980' FWL  
Section 30, T18S, R31E

5. Lease Designation and Serial No.

LC 029387B

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

19509

8. Well Name and No.

#1

West Shugart 30 Fed

9. API Well No.

30-015-29166

10. Field and Pool, or Exploratory Area

West Shugart Wolfcamp

11. County or Parish, State

Eddy County, New Mex.

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

TYPE OF SUBMISSION

- ☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Dual Completion

- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form 1)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

This well is dually completed in the North Shugart Morrow Pool w/perfs @ 12,047'-53', and 12,084' - 89'; and in the West Shugart Wolfcamp Pool with perfs @ 15,130' - 151'. Production is separated w/a dual packer and tubing assembly as shown on the attached packer detail and described in the attached tubing detail.

RECEIVED

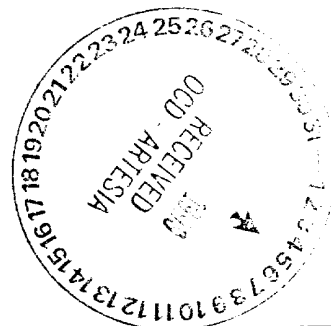
1997 MAY 28 PM

BUREAU OF LAND MANAGEMENT  
ROSWELL OFFICE

ACCEPTED FOR RECORD

JUN 05 1997

BLM



14. I hereby certify that the foregoing is true and correct

Signed

*John I. Gray*

Title

Senior Production Engineer

Date

5/27/97

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:



FINAL CONDITIONS

CUSTOMER: PENWELL ENERGY, INC

COUNTY: EDDY, NM  
QUOTE NO.

FIELD:  
WELL NO. WEST SHUGGART 30 #1  
DRAWN BY: DENNIS COLLINS, JR.

PREPARED FOR: BILL PIERCE

DATE: 05-19-97

DWG NO. DC05PWE

MAX. O.D. (in.)	MIN. I.D. (in.)	WELL SCHEMATIC	DESCRIPTION	MATERIAL	PRODUCT NUMBER
3.063	1.995		TUBING SIZE: 2-3/8" 4.70# THREADS: AB MODIFIED EU 8RD & BEVELED	N-80	
3.063	1.995		TUBING SIZE: 2-3/8" 4.70# THREADS: AB MODIFIED EU 8RD & BEVELED	N-80	
2.910	1.937		① BAKER MODEL "C" J-LOCK SEAL NIPPLE SIZE: 2-3/8" X 2.50 THREAD: 2-3/8" AB MODIFIED EU 8RD BOX UP	4140 18-22 Rc	703-73
5.922	2.500		② BAKER SELECTIVE HEAD SIZE: 47C (2-3/8" X 2.688) THREAD: 2-3/8" NU 10RD BOX DOWN	4140 18-22 Rc	783-51
2.910	1.968		Ⓐ BAKER MODEL "K" PARALLEL ANCHOR SEAL NIPPLE SIZE: 2.688 THREAD: 2-3/8" AB MODIFIED EU 8RD BOX UP	4140 18-22 Rc	703-11
5.937	1.995		Ⓑ BAKER MODEL "GT" SCOOPHEAD ASSEMBLY SIZE: 47 (2-3/8" X 2.688) THREAD: 2-3/8" NU 10RD BOX DOWN	4140 18-22 Rc	785-09
2.375	1.995		③ 8 FT. PUP JOINT SIZE: 2-3/8" 4.70# THREADS: 2-3/8" NUE 10RD PIN X PIN	L-80	457-36
2.875	1.995		④ API TUBING COUPLING SIZE: 2-3/8" 4.60# THREADS: NUE 10RD	L-80	457-60
5.937	L.S. 1.939 S.S. 1.939		⑤ BAKER MODEL "GT" DUAL STRING RETRIEVABLE HYDRAULIC SET PACKER SET @ 10,700 FT. SIZE: 47C2 (2-3/8" X 2-3/8") LONG STRING THREADS: 2-3/8" NU 10RD PIN X PIN SHORT STRING THREADS: 2-3/8" NU 10RD PIN X PIN SHEAR RINGS: 30,000 LBS	4140 30-36 Rc	785-09
2.910	1.995		Ⓒ BAKER CROSSOVER SUB BOX THREAD: 2-3/8" NUE 10RD PIN THREAD: 2-3/8" EUE 8RD	L-80	457-30
3.063	1.995		⑥		
3.063	1.995		Ⓓ 12 FT. PUP JOINT (2x6") SIZE: 2-3/8" 4.70# THREADS: AB MODIFIED EU 8RD	L-80	
3.063	1.760		Ⓔ BAKER MODEL "R" BOTTOM NO-CO SEATING NIPPLE SIZE: 1.81 THREADS: 2-3/8" AB MODIFIED EU 8RD BOX X PIN	4140 18-22 Rc	801-55
3.063	2.000		Ⓕ BAKER WIRELINE ENTRY GUIDE SIZE: 2-3/8" THREAD: 2-3/8" EU 8RD BOX BOTTOM: BLANK & CHAMFERED	J-55	459-21
3.063	1.995		TUBING SIZE: 2-3/8" 4.70# THREADS: AB MODIFIED EUE 8RD	N-80	
3.063	1.995		⑦ BAKER BLAST JOINTS (80') SIZE: 3.063 X 1.995 X 20 FT. LONG THREADS: 2-3/8" AB MODIFIED EU 8RD BOX X PIN	4140 18-22 Rc	457-50
3.063	1.995		TUBING SIZE: 2-3/8" 4.70# THREADS: AB MODIFIED EU 8RD	N-80	

2.910	1.995		(C) BAKER CROSSOVER SUB BOX THREAD: 2-3/8" NUE 10RD PIN THREAD: 2-3/8" EUE 8RD	L-80	457-30
3.063	1.995		(D) 12 FT. PUP JOINT (2x6") SIZE: 2-3/8" 4.70# THREADS: AB MODIFIED EU 8RD	L-80	
3.063	1.760		(E) BAKER MODEL "R" BOTTOM NO-GO SEATING NIPPLE SIZE: 1.81 THREADS: 2-3/8" AB MODIFIED EU 8RD BOX X PIN	4140 18-22 Rc	801-55
3.063	2.000		(F) BAKER WIRELINE ENTRY GUIDE SIZE: 2-3/8 THREAD: 2-3/8" EU 8RD BOX BOTTOM: BLANK & CHAMFERED	J-55	469-21
3.063	1.995		TUBING SIZE: 2-3/8" 4.70# THREADS: AB MODIFIED EUE 8RD	N-80	
3.063	1.995		(7) BAKER BLAST JOINTS (80") SIZE: 3.063 x 1.995 x 20 FT. LONG THREADS: 2-3/8" AB MODIFIED EU 8RD BOX X PIN	4140 18-22 Rc	457-50
3.063	1.995		TUBING SIZE: 2-3/8" 4.70# THREADS: AB MODIFIED EU 8RD	N-80	
5.500	1.812		(8) BAKER MODEL L-10 ON-OFF SEALING CONNECTOR SIZE: 5-1/2 x 2-3/8 x 1.81 "F" THREADS: 2-3/8" AB MODIFIED EU 8RD BOX X PIN	4140 18-22 Rc	684-20
4.625	2.00		(9) BAKER MODEL "E-22" ANCHOR TUBING SEAL ASSEMBLY SIZE: 81-32 THREADS: 2-3/8" AB MOD EU 8RD BOX X 1/2 MULESHOE ELASTOMER: NITRILE	4140 18-22 Rc	443-44
5.687	3.250		(10) BAKER MODEL "D" RETAINER PRODUCTION PACKER SIZE: 84-32 THREAD:	4140 18-22 Rc	424-02
5.687	3.250		(11) BAKER MODEL "DB" GUIDE SIZE: 84-32 THREAD: 4-1/2" LTC BOX	4140 18-22 Rc	424-02
4.500	4.000		(12) BAKER MILLOUT EXTENSION SIZE: 80-32 THREADS: 4-1/2" LTC PIN x PIN	4140 18-22 Rc	499-41
5.500	1.995		(13) BAKER MILLOUT EXTENSION CROSSOVER SUB SIZE: 80-32 BOX THREAD: 4-1/2" Itc PIN THREAD: 2-3/8" EUE 8RD	4140 18-22 Rc	469-10
3.063	1.995		(14) 10 FT. PUP JOINT SIZE: 2-3/8" 4.70# THREADS: AB MODIFIED EUE 8RD	L-80	
3.063	1.760		(15) BAKER MODEL "R" BOTTOM NO-GO SEATING NIPPLE SIZE: 1.81 THREADS: 2-3/8" AB MODIFIED EUE 8RD BOX X PIN	4140 18-22 Rc	801-55

- 4-29-97 217 BO; 22 BW; 338 MCF; 250 TP. MIRU Rowland Hot oiler, hot oiled tbg. w/20 bbls. hot oil. Made one swab run from 4500' rec. 0 bbls. fluid. Rel. pkr and equalized. ND wellhead. NU 5000# WP double-ram hydraulic BOP w/Blind rams in the btm. and 2 3/8" pipe rams in the top. POOH w/308 jts. 2 3/8" and 1 - 2 3/8" x 7" Baker Model "R" pkr., N.D. BOP and tbg. head. Installed new dual hanger tbg head and NU BOP. SI. MI & unloaded and racked 396 jts. 2 3/8" tbg. SDFN.  
Daily Cost: \$3,290.
- 4-30-97 MIRU Western Atlas Wireline Truck. RIH w/gauge ring to 12,100'. PU & RIH w/Baker Model "D" 7" permanent pkr. w/TCP assembly on wireline and set pkr. @ 11,966.52'. RD Western Atlas. PU on off tool w/anchor tbg. seal assembly and RIH w/Long string 2 3/8" tbg. Installed 4 - 2 3/8" blast jts. across the interval of Wolfcamp perms from 10,130-10,151. Blast jts. from 10193' - 10,113' dual pkr. @ 9990.64'. Tested tbg. in the hole below the slips to 8000# and recorded on test chart. Tested 68 jts. and SWD & SIFN.  
Daily Cost: \$7,093.
- 5-1-97 RIH w/tbg. seal assembly and 2 3/8" 4.70#, L-80 8rd short string prod. tbg. (Wolfcamp). Stung into pkr. assembly and spaced out tbg. Installed tbg. hanger on string and loaded in tbg. head. ND BOP and NU 2 1/6 th dual tree. Tested tree to 5000# on short string side. Tested tree to 5000# on Long string side. Both sides tested ok. MIRU Pro well Testing and Wireline. PU & RIH w/1.812 FSG 10,000# plug. POOH w/slick line. Reeled off 10,500' old sand line. Reeled on 13,500' new sand line. Poured new rope socket. Loaded long string tbg. w/16 bbls 2% KcL water and pressured up to 2000# and set Baker Model "GT" dual string hydraulic pkr. Loaded annulus w/158 bbls. 2% KcL and tested dual string hydraulic pkr. to 500# (Held ok) RU to swab. Swabbed long string tbg to 8,000'. RU Pro Well Testing and Wireline. RIH and retrieved FSL plug. POOH w/pkr. RD Pro Testing and Wireline. RU to swab. Swabbed long string 2 3/8" tbg. down to 11,400'. SI & SDFN.  
Daily Cost: \$40,885.  
Tubing count as follows:  
MORROW STRING:  
1 jt. 2 3/8", 4.70#, L-80, 8rd AB Mod. EUE tbg. 30.02'  
1 - 8' x 2 3/8", 4.70#, L-80, 8rd, AB Mod EUE tbg. sub 8.40'  
321 jts. 2 3/8", 4.70#, L-80, 8rd, AB Mod EUE tbg. 9,915.29'  
Baker Model GT Dual String pkr. w/scoop  
head seal assembly 14.60'  
4 jts. 2 3/8", 4.70#, L-80, 8rd AB Mod. EUE tbg. 123.45'  
4 - 2 3/8" HD blast joints 79.28'  
57 jts. 2 3/8", 4.70#, L-80, 8rd AB Mod. EUE tbg. 1,773.15'  
Baker Model L-10 on/off tool 1.65'  
Baker Model 81-32 Anchor Seal Assembly 2.68  
Baker Model "D" Production pkr. 3.09'  
Baker Millout Extension 6.43'  
Baker X-over .76'  
Baker Model "R" Nipple 1.81" Profile 1.05'  
Model "D" Pkr. @ 11,966'  
"R" Nipple @ 11,986'  
WOLFCAMP STRING:  
1 jt. 2 3/8", 4.70#, L-80, 8rd AB Mod. EUE tbg. 30.60'  
1 - 6' x 2 3/8" 4.70#, L-80, 8rd AB Mod. EUE tbg.sub 6.10'  
1 - 8' x 2 3/8" 4.70#, L-80, 8rd AB Mod. EUE tbg.sub 8.05'  
305 jts. 2 3/8" 4.70#, L-80, 8rd AB Mod. EUE tbg. 9,913.46'  
Baker Model "C" Selective head w/Model "C"  
J - LOK nipple 2.00'  
Model "GT" Pkr. @ 9,915'  
Model "R" Nipple w/1.81" ID @ 9,925'
- 5-2-97 After making all surface preparations, dropped bar and perforated:  
Morrow Zone 12047'-12053' 6' X 24 holes  
12084'-12089 5' X 20 holes  
4 min. after dropping perforating bar fluid came to surface. TP increased to 3550# cleaning up. Turn thru test unit @ 9:00am TP 3400#, gas 1.557 MMCF. Unit back pressure @ 450#. 1064" chk. .5 bbls cond. per hr. 1.781 MMCF. At 5:00pm TP @ 3270#. 10/64 choke gas 1.800 MMCF. .5 bbls condensate per hr. Left well on test w/ Pro Testing and Wireline personnel.  
Daily Cost: \$ 17,083.00