

Catanach, David, EMNRD

From: Sabra Woody [swoody@latigopetro.com]
Sent: Monday, August 29, 2005 8:28 AM
To: Catanach, David, EMNRD
Cc: Bruce Woodard; Phillip Smith; Joe Clement; Donna Huddleston
Subject: Commencement of Injection - CCQU #102

David,

As a condition of approval of the C108 for the Central Corbin Queen Unit #102, Latigo Petroleum, Inc. agreed to plug the Corbin #6. The Corbin #6 was P&A'd 08/02/05 and a copy of the Sundry Notice was faxed to your office 8/26/05.

Latigo would like to commence injecting into the #102 as soon as possible. Please let me know when we have sufficiently complied with the conditions of the injection permit.

Thanks,

Sabra Woody
Engineering Technician
Latigo Petroleum, Inc.
632 / 684-4293
632 / 684-0829 (Fax)

Catanach, David, EMNRD

From: Catanach, David, EMNRD
Sent: Monday, August 29, 2005 11:04 AM
To: 'Sabra Woody'
Cc: Bruce Woodard; Phillip Smith; Joe Clement; Donna Huddleston
Subject: RE: Commencement of Injection - CCQU #102

Sabra,

I've reviewed your plugging submittal. I will amend WFX-811 today to include Well No. 102. If you guys need to start injecting into the well, go ahead. However, don't forget that you need to run a casing pressure test on the well first, and notify Hobbs OCD.

David

From: Sabra Woody [mailto:swoody@latigopetro.com]
Sent: Monday, August 29, 2005 8:28 AM
To: Catanach, David, EMNRD
Cc: Bruce Woodard; Phillip Smith; Joe Clement; Donna Huddleston
Subject: Commencement of Injection - CCQU #102

David,

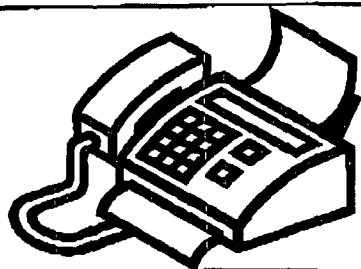
As a condition of approval of the C108 for the Central Corbin Queen Unit #102, Latigo Petroleum, Inc. agreed to plug the Corbin #6. The Corbin #6 was P&A'd 08/02/05 and a copy of the Sundry Notice was faxed to your office 8/26/05.

Latigo would like to commence injecting into the #102 as soon as possible. Please let me know when we have sufficiently complied with the conditions of the injection permit.

Thanks,

Sabra Woody
Engineering Technician
Latigo Petroleum, Inc.
632 / 684-4293
632 / 684-0829 (Fax)

8/30/2005



To: David Catanach
Fax number: 505-476-3462

Date: 8/24/2005

**A facsimile from
Joe Clement**

LATIGO
Petroleum, Inc.

432-684-4293

Regarding: Central Corbin Queen Unit #102 injection permit

Comments: The Corbin #6 well at issue in the CCQU #102 has been plugged.

Amend WFX-811

Form 3160-S
(April 2004)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTNO. 347, P. 2
FOR
OMB No. (2040-037)
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-J (APD) for such proposals.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well
☐ Oil Well ☐ Gas Well ☒ Other2. Name of Operator
Latigo Petroleum, Inc.3a. Address 550 W. Texas, Ste. 700
Midland, TX 79701 3b. Phone No. (include area code)
432-684-4293

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

Unit (F) Sec. 8, T18S, R33E
660' FSL & 690' FEL

5. Lease Serial No.

LC-029489 (A)

6. If Indian, Allocated or Tribe Name

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

8. Well Name and No.

Corbin #006

9. API Well No.

30-025-01592

10. Field and Pool, or Exploratory Area

Corbin Queen

11. County or Parish, State

Lea, NM

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"/> Recombine	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" 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 recompletes horizontally, give subsurface locations and measured and true vertical depths of all pertinent monitors 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.)

7/29/05 Spot 25 sx. cmt. @ 2850', WOC & tag @ 2744'.

7/30/05 Spot 40 sx. cmt. @ 1602', WOC & tag @ 1450'.

8/01/05 Perforate @ 1135', set pkr. @ 936', pressure up on perfs to 700#.
spot 35 sx. cmt. @ 1185' - 1053', WOC & tag @ 1060'.

8/02/05 Perforate @ 300', set pkr. @ 125', sqz. 60 sx. cmt. thru perfs, displace to 230', WOC & tag @ 220'.

8/02/05 Perforate @ 50', pump down 8-5/8 csg. thru perfs w/ no returns to surface, sqz. 25 sx. cmt., WOC cmt. @ surface on 8-5/8 csg.

8/02/05 RDMO. Cut off wellhead & anchors, install dry hole marker, and clean location.

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

Roger Massey

Title Agent

Signature

Date 8/04/05

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____
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.

Title

Date

Office

Title 18, U.S.C. Section 1001 and Title 18, 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 statement or representation as to any matter within its jurisdiction.

(Instructions on page 2)

Form 3160-5
(August 1999)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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.FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

5. Lease Serial No.

LC-029489(a)

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other

2. Name of Operator

Latigo Petroleum, Inc.

3a. Address

550 W. Texas, Suite 700 Midland, TX 79701

3b. Phone No. (include area code)

(432)684-4293

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

Unit (P) Sec. 9, T18S, R33E

660' FSL & 660' FEL

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

8. Well Name and No.

Corbin #006

9. API Well No.

30-025-01592

10. Field and Pool, or Exploratory Area

Corbin Queen

11. County or Parish, State

Lea,

NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" 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 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 type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input checked="" 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 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.)

P&A Corbin #006 well in order to prevent any environmental damage that could possibly be caused by injecting into Latigo's Central Corbin Queen # 102 well located in Section 9, T18S, R33E, Unit (H), 1980' FSL & 430' FEL. The Corbin #006 is not operated by Latigo Petroleum, Inc. It is an unknown orphan well dating back to 1955.

1. Tag TD @ 4297', mix & pump mud spot 50 sx cmt.
2. Spot 50 sx cmt. @ 2945' F/2915-2815'
3. Spot 35 sx cmt. @ 4533' F/1575-1475'-Tag
4. Perf @ 1135', sqz w/50 sx, leave 50' in csg.
5. Perf @ 300', sqz w/50 sx, leave 50' in csg.
6. Tag plug @ 250'
7. Spot 15 sx cmt. from 60' to surface.
8. Cut off wellhead, install dry hole marker, clean location, & RDMO.

OPERATORS - FOR SUNDRIES
SUBMIT 1 ORIGINAL AND 5
COPIES

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

Name (Printed/Typed)

Donna Huddleston

Title

Production Analyst

Signature

Date

04/20/2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

David R. Glass

PETROLEUM ENGINEER

Date

APR 28 2005

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, makes 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)

B. COCKBURN - CORBIN #6
660' FSL & FEL SEC 9 T18S R33E
LEA COUNTY, NEW MEXICO

ELEVATION: KB: N.A.
GL: N.A.

DATE DRILLED : 5/55

8 5/8" SURFACE CASING @ 1525'
CMTD W/ 100 SX

PLUGGING DATA NOT AVAILABLE AT
THIS TIME

	SURFACE	PRODUCTION	
SIZE	8 5/8"		
WEIGHT	N.A.		
GRADE	N.A.		
THREAD	N.A.		
DEPTH	1525'		

PREP'D BY: SCOTT E. GENGLER
DATE : JULY 26, 1990

TD @ 4927'

Central Corbin Queen Unit #101, #102, #202 & #207 Injection Application Data

Well	Location	Surface Casing	Inter. Casing	Prod. Casing	TD	Completions	Type	Comments
30-025-29734 Central Corbin Queen Unit #101 Spud 10/31/84	Sec. 9-T18S-R33E Unit B 990' FNL & 1980' FEL	17 1/2" hole size 13 3/8" 48# csg @ 430' w/ 420 sx cmt circ to surface	12 1/4" hole size 9 5/8" 36# csg @ 5100' w/ 3300 sx cmt circ to surface	7 7/8" hole size 5 1/2" 17 & 20# csg @ 13,825' w/ 3100 sx cmt TOC 3600'	TD 13,825' PBD 4850'	✓ 4228'-4238'	OIL to INJ	TOC for 5 1/2" csg determined by Temp. Survey. CIBP set @ 4900' w/ 3 sx cmt on top.
30-025-29743 Central Corbin Queen Unit #102 Spud 6/15/85	Sec. 9-T18S-R33E Unit H 1980' FNL & 430' FEL	12 1/4" hole size 8 5/8" 24# csg @ 390' w/ 300 sx cmt circ to surface	7 7/8" hole size 5 1/2" 14 & 15.5# csg @ 4368' w/ 1550 sx cmt circ to surface	TD 4375' PBD 4339'	✓ 4270'-4282'	✓ 4270'-4282'	OIL to INJ	TOC @ Surface Determined by circulation
30-025-297363 Central Corbin Queen Unit #202 Spud 9/19/85	Sec. 4-T18S-R33E Unit N 680' FSL & 1980' FWL	12 1/4" hole size 8 5/8" 24# csg @ 394' w/ 350 sx cmt circ to surface		7 7/8" hole size 5 1/2" 14# csg @ 4300' w/ 1250 sx cmt circ to surface	TD 4300' PBD 4256'	✓ 4207'-4226'	OIL to INJ	TOC @ Surface Determined by circulation
30-025-29776 Central Corbin Queen Unit #207 Spud 11/6/86	Sec. 4-T18S-R33E Unit P 660' FSL & 990' FEL	12 1/4" hole size 8 5/8" 24# csg @ 398' w/ 300 sx cmt circ to surface		7 7/8" hole size 5 1/2" 14# csg @ 4523' w/ 1400 sx cmt circ to surface	TD 4530' PBD 4478'	✓ 4203'-4227'	OIL to INJ	TOC @ Surface Determined by circulation

INJECTION WELL DATA SHEET

OPERATOR: Latigo Petroleum, Inc.WELL NAME & NUMBER: Central Corbin Queen Unit #102WELL LOCATION: 1980' FNL & 430' FELH
UNIT LETTER

9

18S

33E

FOOTAGE LOCATION

SECTION

TOWNSHIP

RANGE

WELLBORE SCHEMATICWELL CONSTRUCTION DATASurface CasingHole Size: 12 1/4" Casing Size: 8 5/8" 24#Cemented with: 300 sx. or ft³Top of Cement: surface Method Determined: CirculationIntermediate CasingHole Size: Casing Size: Cemented with: sx. or ft³Top of Cement: Method Determined: Production CasingHole Size: 7 7/8" Casing Size: 5 1/2" 14 & 15.5#Cemented with: 1550 sx. or ft³Top of Cement: surface Method Determined: CirculationTotal Depth: 4375'Injection Interval4270' feet to 4282'

(Peforated or Open Hole; indicated which)

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8" Lining Material: IPC

Type of Packer: Baker AD-1

Packer Setting Depth: 4220'

Other Type of Tubing/Casing Seal (if applicable): N/A

Additional Data

1. Is This a new well drilled for injection? Yes X No

If no, for what purpose was the well originally drilled? producer

2. Name of the Injected Formation: Queen

3. Name of Field or Pool (if applicable): Corbin

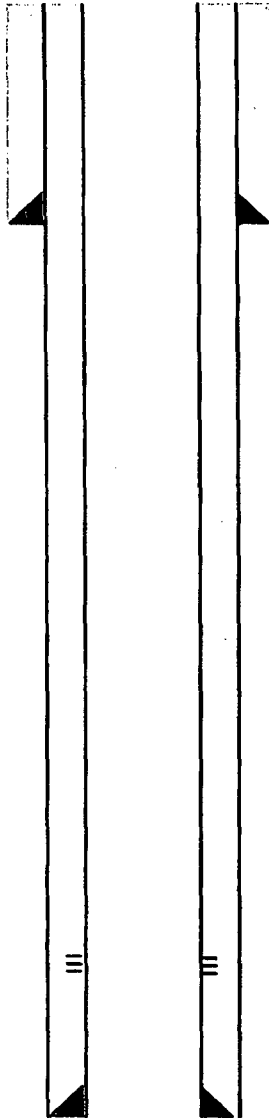
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. see wellbore diag

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injected zone in this area:

Seven Rivers	3450	Abo	9050
Grayburg/San Andres	4900	Wolfcamp	11,250
2nd Bone Spring	8600		

CCQU #102
 1980' FNL & 430' FEL
 Sec 9 (H), T18S, R33E
 Lea County, NM
 API No. 30-025-29243
 Corbin Queen

Spud Date : 6/15/85
 Completion Date: 7/30/85



12 1/4" Hole

Set 8 5/8" csg @ 380' w/300 sx cmt
 Circ to surf

7 7/8" Hole

100' depth to Groundwater
 2830' - distance from nearest
 fresh water well
 40 miles from nearest surface water

POOH w/rods, pump & tbg (2-3/8" EOT
 @ 4256') . RIH w/bit & scraper, clean out
 to TD 4375-' , RIH w/Baker AD-1 pkr on
 2-3/8" IPC tbg, circ w/pkr fluid. Set pkr
 50' above top perf (4270'-4282').
 Acidize well w/1500 gal 8515 acidtol.
 Place on injection. Run step rate
 test when rate & press stabilize

perf 4270' - 4282' (52 holes)
 Acdz w/2500 gals 15% NEFE acid
 + 20,000 gals My-T-Frac + 25,000 #
 20/40 sand

Set 5 1/2" csg @ 4366' w/1550 sx
 CL 'C' cmt, circ to surf

PBD 4339'
 TD 4375'