

N.M. OIL CONSERVATION DIVISION

811 S. FIRST STREET

ARTESIA, NM 88210

RECEIVED

AUG 23 2012

Form 3160-5
(September 2001)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
NMOCD ARTESIAFORM 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.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

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

2. Name of Operator TANDEM ENERGY

3a. Address
11490 WESTHEIMER, STE. 1000 HOUSTON, TX 770773b. Phone No. (include area code)
575-626-9969

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

UNIT LETTER "L", 2310' FSL & 330' FWL, SEC 22, T15S, R29E CHAVES COUNTY, NM

5. Lease Serial No.
NM0232568A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
SOUTH LUCKY LAKE QUEEN UT8. Well Name and No. Track 2 #1 1-D
SOUTH LUCKY LAKE QUEEN UT9. API Well No.
30-005-6020710. Field and Pool, or Exploratory Area
LUCKY LAKE, QUEEN SOUTH

11. County or Parish, State

CHAVES COUNTY, 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 recompleat 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.)

1. MOVE IN AND RIG UP EQUIPMENT

2. NIPPLE DOWN WELLHEAD-NIPPLE UP BOP-

3. RUN IN HOLE SET CIBP @ 1716', SPOT 25 SXS CLASS C CEMENT @ 1716', CIRCULATE - Tag @ Or Above 1616'

4. SPOT 25 SXS CLASS C CEMENT @ 1247' & TAG @ Or Above 1147'

5. PERF AND SPOT 25 SXS CLASS C CEMENT @ 325' & TAG @ Or Above 220'

6. PERF @ 60', CIRCULATE 25 SXS TO SURFACE

7. CUT OFF WELLHEAD, INSTALL PA MARKER, CUT OFF ANCHORS, COVER CELLAR, CLEAN LOCATION, MOVE OUT

Squeeze 40

APPROVED FOR 3 MONTH PERIOD

ENDING NOV 06 2012

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

Rumaldo Hinojosa

Title West Region Superintendent

Signature

Date 7/27/2012

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

/s/ DAVID R. GLASS

PETROLEUM ENGINEER

Date AUG 06 2012

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)

Accepted for record
NMOCDSEE ATTACHED FOR
CONDITIONS OF APPROVAL

A 8/28/2012

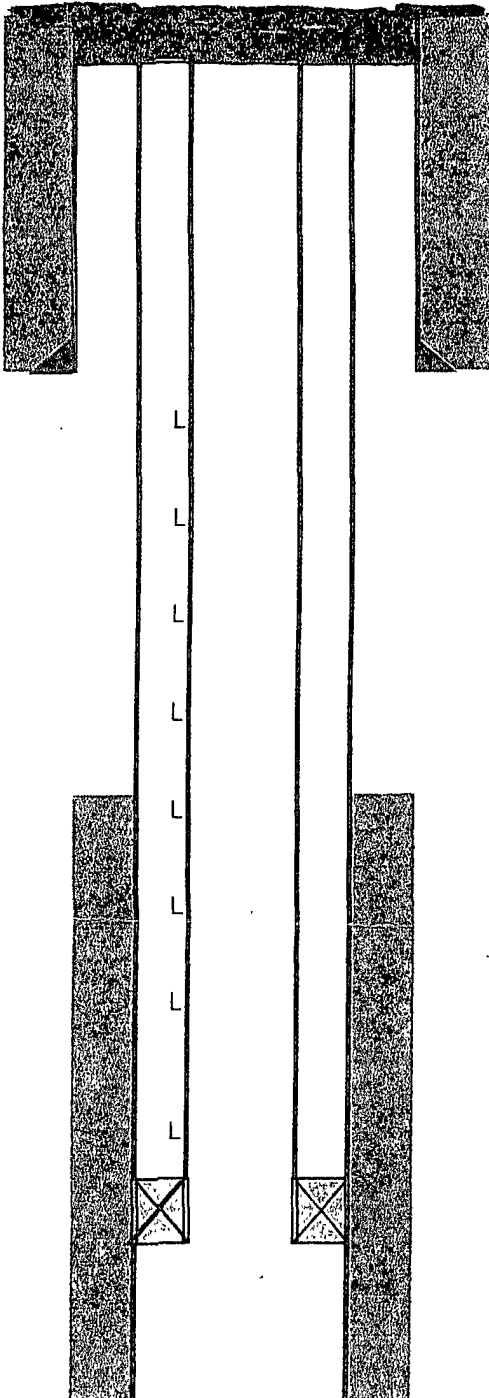
TANDEMENERGY CORP

South Lucky Lake Queen Unit

Well# 001D

API#30-005-60207

SEC.22 T 15 S R29E



WELL HEAD SIZE 8 5/8"

Surface Csg.: 8 5/8" #20, csg set @ 270'

Production Casing ; 5 1/2" 15 5# @1792'

TUBING 2-3/8"8RD,EUE,J55 IPC 1686'

INJ Pkr @1690'

PERF. 1766.5-73' .375 selective fire holes 2 SPF 14 Holes

T.D 1796'

PBTD 1792'

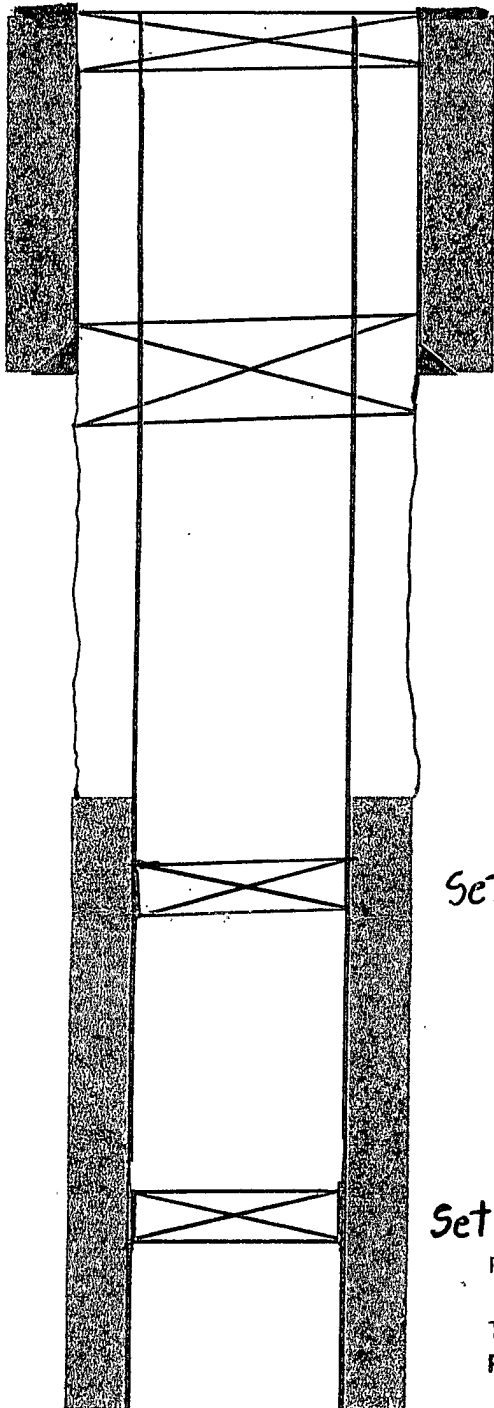
TANDEM ENERGY CORP

South Lucky Lake Queen Unit

Well# 001D

API#30-005-60207

SEC.22 T 15 S R29E



Perforate @ 60' & Circulate 25 SX. Cement To Surface.

WELL HEAD SIZE 8 5/8"

Surface Csg.: 8 5/8" #20, csg set @ 270'

Perforate & Squeeze 40 SX. Cement @ 325' Tag @ Or Above 220.'

Production Casing ; 5 1/2" 15.5# @ 1792'

Set 25 SX. Cement @ 1247' Tag @ Or Above 1147'

Set 5-1/2" CIBP @ 1716' W/ 25 SX. Cement. Tag @ Or Above 1616'

PERF. 1766.5-73' .375 selective fire holes 2 SPF 14 Holes

T.D 1796'

PBTD 1792'

BUREAU OF LAND MANAGEMENT
Roswell Field Office
2909 West Second Street
Roswell, New Mexico 88201
(575) 627-0272

Permanent Abandonment of Federal Wells
Conditions of Approval

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plugging operations shall commence within **ninety (90)** days from the approval date of this Notice of Intent to Abandon. **If you are unable to plug the well by the 90th day provide the BLM Roswell Field Office (RFO), prior to the 90th day, with the reason for not meeting the deadline and a date when the BLM Roswell Field Office can expect the well to be plugged. Failure to do so will result in enforcement action. Unless the well has been properly plugged, the rig shall not be removed from over the hole without prior approval.**

2. Notification: Contact the BLM Roswell Field Office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, during office hours or after office hours call (575) 627-0205. Engineer on call during office hours phone (575) 627-0275 or phone (after hours) call (575) 626-5749.

3. Blowout Preventers: A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The minimum BOP requirement is a 2M system for a well not deeper than 9090 feet; a 3M system for a well not deeper than 13636 feet; and a 5M system for a well not deeper than 22727 feet.

4. Mud Requirement: Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at a rate of 25 sacks (50 pounds each) of gel per 100 barrels of water. Minimum nine (9) pounds per gallon.

5. Cement Requirement: Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. In lieu of a cement plug in cased hole, a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 50 feet of cement. If a bailer is used to cap this plug, 35 feet of cement shall be sufficient.

Unless otherwise specified in the approved procedure, the cement plug shall consist of either class "C" for up to 7500 feet of depth, mixed at 14.8 lbs./gal with 6.3 gallons of fresh water per sack or class "H" for deeper than 7500 feet plugs, mixed at 16.4 lbs./gal with 4.3 gallons of fresh water per sack.

6. Monument: Upon abandonment of the well, all casing shall be cut-off at the base of the cellar or 3-feet below final restored ground level (whichever is deeper). The well bore shall then be covered with a metal plate at least ¼ inch thick and welded in place. The following information shall be permanently inscribed on the dry hole marker: Well name and number, the name of the operator, the lease serial number, the surveyed location (the quarter-quarter section, township and range or other authorized survey designation acceptable to the authorized officer; such as metes and bounds).

7. Timing Limitation Lease Stipulation / Condition of Approval For Lesser Prairie-Chicken: Oil and gas activities including 3-D geophysical exploration, and drilling will not be allowed in lesser prairie-chicken habitat during the period from March 1 through June 15 annually. During that period, other activities that produce noise or involve human activity, such as the maintenance of oil and gas facilities, geophysical exploration other than 3-D seismic operations, and pipeline, road, and well pad construction, will be allowed except between 3:00 am and 9:00 am. The 3:00 am to 9:00 am restriction will not apply to normal, around-the-clock operations, such as venting, flaring, or pumping, which do not require a human presence during this period. Additionally, no new drilling will be allowed within up to 200 meters of leks known at the time of permitting. Normal vehicle use on existing roads will not be restricted. Exhaust noise from pump jack engines must be muffled or otherwise controlled so as not to exceed 75 db measured at 30 feet from the source of the noise.

8. Subsequent Plugging Reporting: Within 30 days after plugging work is completed, file one original and five copies of the Subsequent Report of Abandonment, Form 3160-5 to the BLM Roswell Field Office. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. **Show date well was plugged.**

Following the submittal and approval of the Subsequent Report of Abandonment, a Notice of Intent for Final Abandonment with the proposed surface restoration procedure must be submitted for approval.