

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

HOBBS OCD

OIL CONSERVATION DIVISION

NOV 09 2012

Santa Fe, NM 87505

RECEIVED

Form C-103

May 27, 2004

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.)		WELL API NO. 30-025-23183
1. Type of Well: Oil Well ☐ Gas Well ☐ Other <u>Injection</u>		5. Indicate Type of Lease STATE ☐ FEE ☒
2. Name of Operator Linn Operating, Inc.		6. State Oil & Gas Lease No.
3. Address of Operator 600 Travis, Ste. 5100, Houston, TX 77002		7. Lease Name or Unit Agreement Name: Humphrey Queen Unit
4. Well Location Unit Letter <u>M</u> : <u>100</u> feet from the <u>South</u> line and <u>5</u> feet from the <u>West</u> line Section <u>3</u> Township <u>25-S</u> Range <u>37-E</u> NMPM County <u>Lea</u>		8. Well No. <u>20</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3154'		9. OGRID Number 220420
Pit or Below-grade Tank Application ☐ or Closure ☐		10. Pool name or Wildcat Langlie Matrix; 7 Rivers-Q-Grayburg
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 COMPLETION ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

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

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.

1. MIRU plugging equipment. NU BOP. POH w/ tbg and packer.

2. RIH and tag plug @ 3300'. Circulate hole w/ mud laden fluid.

3. Spot 25 sx @ 1170-1070. WOC & Tag **5 HOG**

4. Spot 25 sx @ 590-450. WOC & Tag **OR SPOT 60 SX @ 590' to SURFACE**

5. Spot 10 sx surface plug. **100'**

6. Cut off wellhead and weld on Dry Hole Marker.

SPOT 25 SX @ CMT @ 2510'

The Oil Conservation Division Must be notified
24 hours prior to the beginning of plugging operations.

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 NMOC guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Nancy Fitzwater TITLE Regulatory Compliance Supervisor DATE 11-8-12

Type or print name _____ E-mail address: _____ Telephone No. _____

For State Use Only

APPROVED BY Mary Brown TITLE Compliance Officer DATE 11/9/2012

Conditions of Approval (if any):

Proposed

	Location:
Location	100 FSL & 5 FWL
Section	3 - 25S - 37E
Block	
Survey	
County	Lea
Lat/Long	
Field	Langlie-Matrix (Queen)
	Elevations
GL	3,154'
KB	3,163'
KB-GL Calc ck w/loc?	

Logging Requirements

[illegible]

Current Wellbore Diagram

Well Name:	Humphrey Queen Unit 20
API No	30-025-23183
Spud Date	6/22/1969
WBD Update	11/6/2012 M. Lake

Hole Size	12-1/4"
Surf Csg.	8-5/8", 20# (ran 32 jts)
Cement Blend	600 sxs (Howco 380x Class "C" 8% gel + 220x Class "C" Neat)
Depth	1,114'
TOC	Circ

Hole Size	
Int Csg:	
Cement Blend:	
Returns	
TOC: ...	

Spot 10 sx surface plug

8-5/8", 20#
set @ 1,114'

Spot 25 sx @ 590 - 450'

Details of Perforations

7/29/1969 Original Perfs

3374-75 (2 JSPF Total Holes 4)
3448-51, 3476-81, 3485-87, 3504-16, 3560-62,
3585-88 (1 JSPF Total Holes 38 Acidize w/1000 gals 15% NE + 52 RCH ball sealers)
1/16/1991 Perfs added
3,471'-74'
3,494'-3,504' (4 JSPF, acidize w/2000 gals 15% NEFE acid)

Spot 25 sx @ 1170 - 1070'

Tubing Detail	
Joints	Description

Rod Detail (top to bottom)	
Rods	Description

20' of cement

set 5-1/2" CIBP
@3,320'

Pumping Unit:

Hole Size:	7-7/8"
Prod Csg:	5-1/2", 14#, J-55 8RT ST&C
Joints	Ran 112 jts
Cement Blend:	Howco 660sxs incor 8% gel + 100x incor neat
Depth	3,720'
Hole Size:	
Prod Csg	
Capacity (bbl/ft):	
TOC:	Circ to surf

TD 3,720'

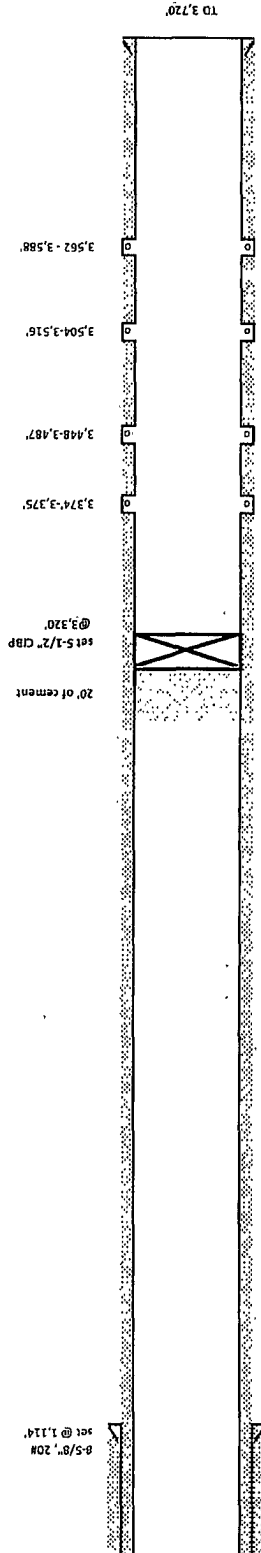
Well Name: _____
Humphrey Queen Unit 20 _____

Location:	100 FSL & 5 FWL
Section:	3 - 255 - 37E
Block:	
Survey:	
County:	Lea
Lat/Long:	
Field	Langhe-Matrix (Queen)
Elevations:	
GL:	3,154'
KB-Gl Calc:	3,163'
kt w/10kg?	

Working Requirements

Date	History	Temporary Abandonment
8/22/1995		

Current
Wellbore Diagram



<u>Hole Size:</u> 7-7/8" <u>Prod Csg:</u> 5-3/2", 14H, 5.58 RT ST&C <u>Cement Blend</u> Ran 112 Jis Howco 6605s incsr 8% gel + 100% incsr neat <u>Depth</u> 3,720'	<u>Hole Size</u> <u>Prod Csg:</u> <u>Capacity (bbl/ft):</u> <u>TOC.</u> <u>Cure to surf</u>
---	--

Sampling Unit:

Rods	Rod Detail (top to bottom)

Tubing Detail		Joists	Description

Details of Performations	
7/29/1969	Original Perfs
3374-75	(2 JSPF Total Holds 4)
3348-51, 3476-81	3485-87, 3504-16, 3560-67,
3585-88	(1 JSPF Total Holds 38
	Perfs added w/1000 gals
1/16/1991	Perfs added
3,494-1,3504	(4 JSPF, acitide w/2000 gals 15% NEtE acid)

Hole Size:	
Int. Gap:	
Cement Blend:	
Returns:	
TOT:	

600 sqs Howco 380x Class "C" 8% gel + 220x Class "C" (Neal) 1,114' Cite	TOC Depth Cement Blend Surt Cgr. Hole Size 12-1/4" 8-5/8", 20# (ran 32 lbs)
---	---

Cell Name	Humphrey Queen Unit 20
API No.	30-025-23183
Spu'd Date	6/22/1969
WBD Update:	10/4/2012 M. Lake

Linn Operating, Inc.
Humphrey Queen Unit 20
Unit M, Sec. 3, T-25-S, R-37-E
Lea Co., NM
API #: 30-025-23183

Equipment & Design:

Lone Star Oil & Gas, Inc. will use a closed loop system in the plug and abandonment of this well. The following equipment will be on location:

- (1) 250 bbl steel reverse tank

Operations & Maintenance:

During each day of operation, the rig's crew will inspect and closely monitor the fluids contained within the steel tank and visually monitor any release that may occur. Should a release, spill or leak occur, the NMOCD District 1 office Hobbs (575-393-6161) will be notified, as required in NMOCD's rule 19.15.29.8.

Closure:

After plugging operations, fluids and solids will be hauled and disposed at Gandy-Marley Disposal's location, permit number NM 01-0019. Secondary site will be Sundance Disposal, permit number NM 01-0003.