

Submit 1 Copy To Appropriate District Office
District I - (575) 393-6161
1625 N French Dr, Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St, Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd, Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St Francis Dr, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
October 13, 2009

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

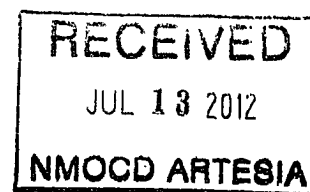
SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-015-05064
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other INJECTION		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/> FED
2. Name of Operator LINN OPERATING, INC.		6. State Oil & Gas Lease No.
3. Address of Operator 600 TRAVIS, SUITE 5100, HOUSTON, TEXAS 77002		7. Lease Name or Unit Agreement Name H E WEST B
4. Well Location Unit Letter <u>J</u> 1980 feet from the <u>S</u> line and <u>1980</u> feet from the <u>E</u> line Section <u>04</u> Township <u>17S</u> Range <u>31E</u> NMPM <u>EDDY</u> County		8. Well Number: 005
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3,926'		9. OGRID Number 269324
		10. Pool name or Wildcat GRAYBURG JACKSON;SR-Q-G-SA

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input checked="" type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

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 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

MIRU ON WELL, POOH W/ TBG & PKR. RIH & CLEANOUT TO TOP OF BP. ACIDIZE WELL. RIH W/ TBG & PKRS AND SET @ 3146' (SAME AS CURRENT LOCATION) & RETURN TO INJECTION.



Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Terry Callahan TITLE: REGULATORY SPECIALIST III DATE JULY 10, 2012

Type or print name TERRY CALLAHAN

E-mail address: tcallahan@linnenergy.com

PHONE: 281-840-4272

For State Use Only

APPROVED BY: Richard Inge TITLE: COMPLIANCE OFFICER DATE 7/18/12

Conditions of Approval (if any):

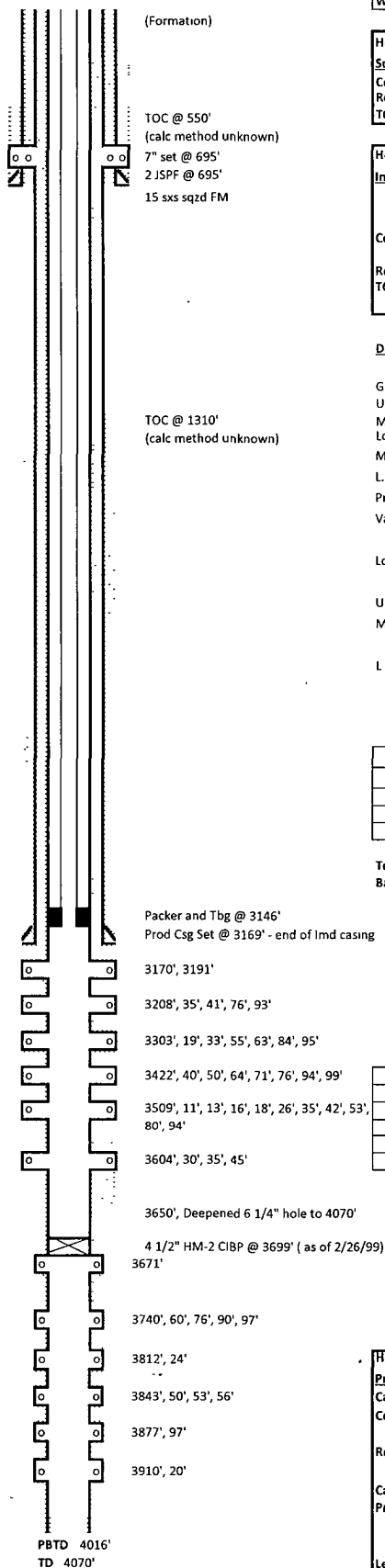
OPERATOR OUT OF COMPLIANCE w/ NMOC D RULE 5.9 FINANCIAL ASSURANCE AS OF 6-1-2012

Well Name **H.E. West A #5 - Injection**

	Location:
Location	J-04-17S-31E 1980 FSL 1980 FEL
Section	
Block	
Survey	
County	Eddy
Lat/Long	32 8618 -103 87195
Field	Grayburg-Jackson
	Elevations.
GL	3926'
KB	
KB-GL Calc	
ck w/log?	

Logging Requirements:

Date	History
12/11/1954	TD @ 3300' sandfrac'd 2/1500 gals oil & 2000# sand from 3276'-81' TD @ 3395' sandfrac'd 2/3000 gals oil & 4000# sand from 3383'-90' Well swabbed 125 bbls load oil, 25 bbls new oil thru 7" casing
7/21/1971	MIRU POH w/rods to break box broken on 4' + 7/8" sub under PR - run fishing tool POH w/fish - replace 7/8" box Run rods in well
6/5/1973	PR broken - change out pump. Started well to pump @ 12-74" spm
1/28/1985	Set RBP @ 3115', dumped 2 sxs sand. Press tested csg 1494'-3115' to 900# for 15min found split in csg. Set pkr below hole in csg press to 1000# Perf'd 2 JSPF @ 695' Set pkr @ 582' & circ cmt thru csg w/133 sx cmt to surf 24 HR test 28 BO, 208 BWm 4 MCFG
2/23/1995 - 2/25/1995	Deepened to TD 4070' Logged OH from 4070' - 3176' Logged cased hole from 100' - 3176' RIH w/ 92 jts 4 1/2 11 60# K-55 8rd csg Cmt'd lead w/ 200 sxs 35/65 (lite poz/Class C) + 6% D20 + 5% D44 + 1/4#/sx D29 Tail w/ 135 sxs Class C + 5% D 44 + 03% D59 + 1/4#/sx D29 Circ'd 16 sxs to pit
3/14/1995	Ran Bond Log w/ 1000 psi on csg Tag'd bottom @ 4016' Perf'd w/ 1 JSPF w/ 3 3/8" gun @ 3811', 3824', 3843', 3850', 3853', 3856', 3877', 3897', 3910', 3920' Gun misfired Made 2 runs RIH and perf'd w/ 1 JSPF @ 3760', 3776', 3790', & 3797'
3/15/1995	Perf'd 1 JSPF w/ 3 3/8" csg gun @ 3594', 3604', 3630', 3635', 3645', 3671', 3740' Acidized perfs 3594' - 3920' w/ 2500 gals 15% HCl acid w/ 42 - 7/8" 1 3 sg RCN BS Rec'd total 51 BLW. 4 BO. 49 BLWTR
3/16/1995	RU Swab Swab'd down to 2900' Rec'd 9 BO & 10 BLW 39 BLWTR Frac'd perfs 3594' - 3920' w/20,000 gals VIK I-30 + 66,000# 20/40 Brady sand as follows 6000 gals 30# linear gel pad, 1000 gals gel + 1000# sand @ 1 ppg, 1000 gals gel + 2000# sand @ 2 ppg, 2000 gals gel + 6000# sand @ 3 ppg, 2000 gals gel + 8,000# sand @ 4 ppg, 2000 gals gel + 10,000# sand @ 5 ppg, 3000 gals gel + 18,000# sand @ 6 ppg, 3000 gals gel + 21,000# sand @ 7 ppg Flushed w/ 2300 gals gel
3/17/1995	Flushed w/ 100 bbls 2% KCl Perf'd w/ 1 JSPF w/ 3 3/8" csg gun @ 3170', 3191', 3208', 3235', 3241', 3276', 3293', 3303', 3331', 3333', 3355', 3363', 3384', 3395', 3422', 3340', 3450', 3464', 3471', 3476' (20 holes) Misfire on 1 run
3/18/1995	Acidized perfs 3170' - 3476' w/ 7500 gals 15% HCl acid + 42 - 1 3 sg BS RU Swab Recv'd total 34 BLW Prep to reperf
3/12/1995	Reperf'd w/ 1 JSPF @ 3170', 3191', 3208', 3235', 3241', 3276', 3293', 3303', 3319', 3333', 3355', 3363', 3384', 3395', 3422', 3340', 3450', 3464', 3471', & 3472' (20 38" holes)
3/22/1995	Acidized perfs w/ 2375 gals 15% HCl acid Diverted w/ 42 - 7/8", 1 3 spg BS Recv'd 40 BLW total w/ trace of oil 35 BLWTR
3/23/1995	Frac'd perfs 3170' - 3476' w/ 17,000 gals VIK I-30 gel + 56,000# 20/40 Brady sand. Flushed w/ 2060 gals gel Recvd 8 BLW, 27 BLWTR
3/25/1995	Ran CBL Log Perf'd w/ 1 SPF @ 3494', 3499', 3509', 3511', 3513', 3516', 3518', 3526', 3535', 3542', 3553', 3580' (12 - 40" holes)
01/22/98	Acid Job Pulled Pkr to 3714' Pump'd 294 gal acid w/ 16 BS & zones Communicated Reset pkr @ 3100' Resumed acid job w/ 500 PSI on backside Acidized zones 3170' - 3920' 53 holes w/ 4906 gal 15% HCl w/ additives & 106 BS Flushed w/ produced water.
01/23/98	Acidized Grayburg - Upper Jackson 3170' - 3671' w/ 2000 gal 15% HCl w/ additives w/ 4000# rock salt Flushed w/ produced water
2/26/1999	Set HM plug @ 3699' Acidized perfs 3171' - 3671' w/ 2000 gals 15% HCl Flowed back 80 bbls Made 7 runs w/ swab rec 35 bbls
2/27/1999	RU made 12 swab runs Recv'd 60 bbls
8/28/2000	Acidize perfs 3170'-3671' w/5000 gals 15% HCl

7" csg perf'd & sqz'd @
695' w/133 sxs cmt to
surfaceCurrent
Wellbore Diagram

Well Name:	H E West A #5
API No	30-015-05064
Spud Date	10/20/1954
WBD Update:	5/8/2012 D. Kennard. Revised 6/27 CB

Hole Size:	12-1/2"
Surf Csg:	8-5/8" @ 695'
Cement Blend:	100 sxs 24# J-55
Returns:	
TOC:	550' (calculated)

Hole Size:	7-7/8"
Int Csg:	7" casing @ 3169'
Cement Blend:	200 sxs
Returns:	
TOC:	1310' (calculated)

Details of Perforations

Grayburg	3170', 91', 3208'
U Grayburg	3235', 41'
M Grayburg	3276'
Loco Hills.	3293', 3303'
Metex	3319', 33', 55', 63'
L. Grayburg	3384', 95', 3422'
Premier.	3440', 50', 64', 71', 76'
Vacuum	3494', 99', 3509', 11', 13', 16', 18', 26', 35', 42', 53', 80'
Lovington	3594', 3604', 30', 35'
U Jackson	3645', 71'
M Jackson	3740', 60', 76', 90', 97', 3812', 24', 43', 50', 53', 56', 77'
L Jackson	3897', 3910', 20'

Tubing Detail (as of 9/36/00)	
Joints	Description
	2-3/8" 4 7# J-55 EUE 8rd

Top of Salt: 680'
Base of Salt: 1660'

Rod Detail (top to bottom)	
Rods	Description

Hole Size:	6-1/4"
Prod Csg:	4-1/2" casing @ 4070'
Capacity (bbl/ft):	
Cement Blend:	200 sxs 35/65 Lite "C" + 165 sxs Class "C"
Returns:	Circ'd 16 sxs to surface
Capacity (bbl/ft):	
Preflush:	
Lead Cement Blend:	
Tail Cement Blend:	