

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

Form C-103
May 27, 2004

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

WELL API NO. 30-025-31547
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name LOVINGTON SAN ANDRES UNIT
8. Well Number 81
9. OGRID Number 241333
10. Pool name or Wildcat LOVINGTON GRAYBURG S/A

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)	
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>	
2. Name of Operator CHEVRON MIDCONTINENT, L.P.	
3. Address of Operator 15 SMITH ROAD, MIDLAND, TEXAS 79705	
4. Well Location Unit Letter N: 122 feet from the SOUTH line and 2532 feet from the WEST line Section 31 Township 16-S Range 37-E NMPM County LEA	
11. Elevation (Show whether DR, RKB, RT, GR, etc.)	
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>	
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 COMPL ☐
OTHER PERF, STIMULATE, & RETURN TO PRODUCTION

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.

CHEVRON MIDCONTINENT, L.P. INTENDS TO REPERFORATE THE EXISTING ZONES & ADD NEW PERFS, THEN ACID STIMULATE. THE WELL WILL BE RETURNED TO PRODUCTION.

THE INTENDED PROCEDURE AND WELLBORE DIAGRAM IS ATTACHED FOR YOUR APPROVAL.

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

SIGNATURE Denise Pinkerton TITLE Regulatory Specialist DATE 05-23-2008

Type or print name Denise Pinkerton E-mail address: leakejd@chevron.com Telephone No. 432-687-7375

For State Use Only

APPROVED BY: Chris Williams TITLE OC DISTRICT SUPERVISOR/GENERAL MANAGER DATE AUG 04 2008
Conditions of Approval (if any):

RECEIVED
MAY 27 2008
HOBBS OCD

WIW LSAU 81 WELLBORE DIAGRAM

Created: 05/01/08 By: I da Silva
 Updated: By:
 Lease: Lovington San Andres Unit
 Field: Lovington San Andres Unit
 Surf. Loc.: 2532' WL 122' SL
 Bot. Loc.:
 County: Lea St.: NM
 Status: Active Oil Producer

Well #: 81 St. Lse:
 API 300-025-31547
 Unit Ltr.: N Section: 31
 TSHP/Rng: 16S / 37E
 Unit Ltr.: Section:
 TSHP/Rng:
 Directions: Lovington, NM
 Chevno:

Surface Casing

Size: 8-5/8"
 Wt., Grd.: 24# J-55 st&c
 Depth: 1355
 Sxs Cmt: 550
 Circulate: Y
 TOC: Surface
 Hole Size: 12-1/4"

Production Casing

Size: 5-1/2"
 Wt., Grd.: 15# K-55 lt&c
 Depth: 5155
 Sxs Cmt: 1150
 Circulate: Y (120 sx)
 TOC: Surface
 Hole Size: 7-7/8"

Prod/Inj Interval

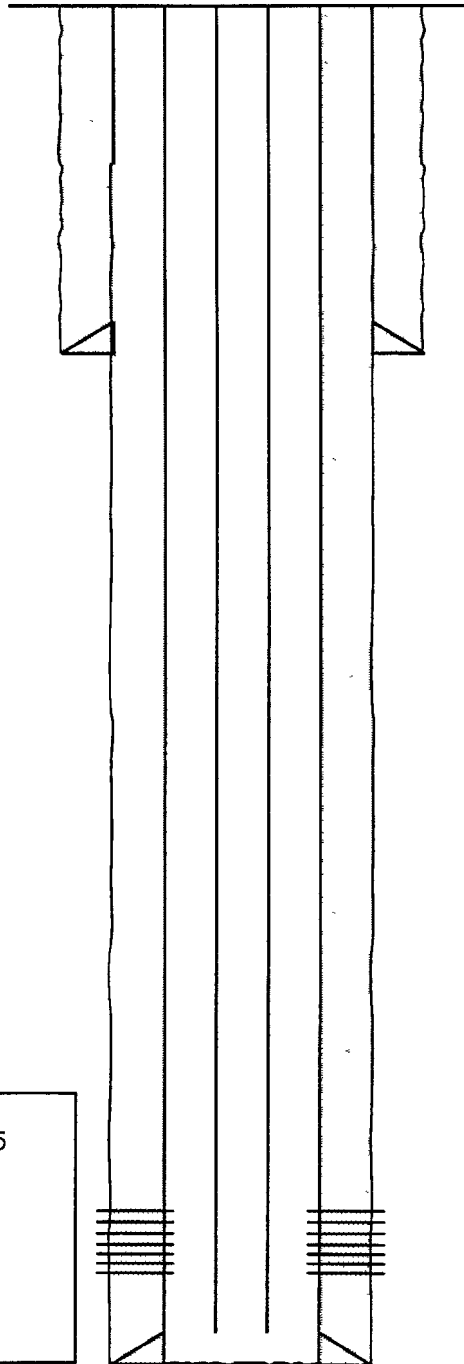
Completion: C&P
 Hole Size: -

Formations

Top: Form Name:
 3300 7 Rivers
 3712 Queen
 4392 Grayburg
 4603 San Andres

Production Equipment

4601': 2-7/8" Tbg 7# J-55
 4601-04': TAC
 5039-79': Blast Joint
 5079-80': Seat Nipple
 5080-84': Tbg Sub
 5110-12': Rod Guides
 5112': Pump



KB:
 DF:
 GL: 3808'
 Ini. Spud: 05/12/92
 Ini. Comp.: 06/11/92

History

2/18/08: Rods parted
 12/8/07: 4 BOPD 89 BWPD 2 MCCFD
 9/8/01: Tagged bottom and long stroked pump. Installed press gauge
 9/4/96: Spotted 1000 gals 15% NEFe acid across perms. SI 30 min. Put acid away @ 1/2 BPM w/ 1800# CP. SI 2 hrs. RTP.
 1/17/94: Change pump
 6/8/92 Acid stimulate: Total 10K gals 20% NEFe SGA acid w/ 32 tons CO2 w/ 160 7/8" 1.3 Sp Gr ball sealers. Titrated acid strength 20.6%. Pressures max: 5120#, min: 2040#, 10 min: 2740#, 15 min: 2710# (prod before was 10 BO 36 BW 1.6 MCF
 6/6/92 Perf'd with 2 JSPF on 180 deg ph 22.7 gm Go-Ex charges 89' and 180 holes. Displaced w/ acid
 5/27/92 New well completion
 Swab test lowest interval for evaluation: zone E pkr set @ 4970' 34 bbls recovered 0% oil cut

PBTD: 5107'
 TD: 5155'

4/22/2008

Lovington San Andres Unit 81

Reperforate, add new perfs and acid stimulate

Workover Recommendation

It is recommended that LSAU 81 be returned to production with reperforation of the existing zones and addition of new perforations followed by an acid stimulation.

According to the last well test from Dec 08, 2008 this well produces 4 BOPD, 89 BWPD and 2 MCFD. A mechanical and geological review of the well indicates an additional 2 BOPD potential. A conservative production estimate after the workover is 6 BOPD 100 BWPD and 2 MCFD. The well went down Feb 2, 2008 with parted rods and it was last pulled in Sep 2000 for a downhole pump change.

Workover Procedure

1. MIRU PU. ND WH & NU BOP.
2. PU 4-3/4" bit on 2-3/8" tbg and RIH to PBTD. CHECK WITH OPERATIONS FOR CIBP DEPTH. Tag and DO CIBP. Circulate well clean. POOH and lay down bit. Prepare to perforate.
3. RU wireline. PU csg gun w/ CCL and RIH. Correlate with Computalog's Cased Hole Compensated neutron Log dated 5/18/1992. Perforate the following intervals w/ 4 JSPF on 180 deg phasing w/ 22.7 gm charges:

4626-4638', 4642-4645', 4648-4650', 4654-4658', 4661-4665', 4680-4688',
4700-4706', 4724-4726', 4765-4767', 4787-4790', 4796-4798', 4808-4811',
4837-4842', 4862-4872', 4875-4889'
4. POOH and lay down perf equipment. Pump 20 bbls fresh water down csg. Prepare to stimulate.
5. MIRU Petroplex. Perform acid treatment as per attached procedure.
6. Unset pkr and POOH. PU production equipment and RIH as per artificial lift specialist design.
7. RD BOP and install WH. PU and RIH w/ rods and hookup pumping unit.
8. Return well to production.