

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

HOBBS OGD

MAR 15 2012

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

WELL API NO. 30-025-11461
5. Indicate Type of Lease STATE ☐ FEE ☐ FED ☒
6. State Oil & Gas Lease No. 309574
7. Lease Name or Unit Agreement Name Langlie Jal Unit
8. Well Number 45
9. OGRID Number 263848
10. Pool name or Wildcat Langlie Mattix: 7Rivers-Queen-Grayburg

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 ☐ Gas Well ☒ Other ☒ Injector	
2. Name of Operator Resaca Operating Company	
3. Address of Operator 1331 Lamar Street, Suite 1450 Houston, TX 77010	
4. Well Location Unit Letter <u>H</u> : <u>1650</u> feet from the <u>North</u> line and <u>330</u> feet from the <u>East</u> line Section <u>5</u> Township <u>25S</u> Range <u>37E</u> NMPM Lea County	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3243' GL	

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 ☐ DOWNHOLE COMMINGLE ☐ OTHER: Locate casing leak & cement squeeze if necessary, Run MIT ☒		SUBSEQUENT REPORT OF: REMEDIAL WORK ☐ ALTERING CASING ☐ COMMENCE DRILLING OPNS. ☐ P AND A ☐ CASING/CEMENT JOB ☐ OTHER: ☐	
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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.

MIT FAILURE

Objective: Locate casing leak & repair with cement squeeze if necessary. Run Mechanical Integrity Test.

- 1.) MIRU Pulling Unit & Above Ground Steel Pit
- 2.) Pressure Test casing to locate leak.
- 3.) Once leak is located, cement squeeze if necessary, w/ appropriate sacks of cement.
- 4.) Drill out cement & circulate well clean.
- 5.) Pressure Test casing to make sure casing repair was successful.
- 6.) Run Mechanical Integrity Test (Notify NMOCD- Hobbs 24 hrs. prior to test); Pull chart for NMOCD.
- 7.) RDMO Pulling Unit, clean location, clean & dispose of pit fluids. Place well on injection.

BLM

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

Melanie Reyes

TITLE

Engineer Assistant

DATE

3/14/2012

Type or print name
For State Use Only

Melanie Reyes

E-mail address: melanie.reyes@resacaexploitation.com PHONE: (432) 580-8500

APPROVED BY:

Mark Whitaker

TITLE

Compliance Officer

DATE

03-16-2012

Conditions of Approval (if any):

MAR 19 2012

WELLBORE SCHEMATIC AND HISTORY

CURRENT COMPLETION SCHEMATIC

LEASE NAME

Langlie Jal Unit

WELL NO

45 WIW

STATUS

Inj

Injector

Oil

API#

30-025-11461

LOCATION

1650 FNL & 330 FEL, Sec 5, T - 24S, R - 37E, Lee County, New Mexico

SPUD DATE

01/25/39 TD

3695

KB

DF

3,251'

INT COMP DATE

02/24/39 PBTD

3695

GL

3,243'

GR

ELECTRIC LOGS

GEOLOGICAL DATA

CORES, DST'S or MUD LOGS

HYDROCARBON BEARING ZONE DEPTH TOPS

Yates @ 2775'

7-Rivers @ 2988'

Queen @ 3405'

CASING PROFILE

Surf Csg 13 3/8" - 40# K -55 set @ 171' Cmt'd w/100 sxs - TOC - Surface

Inter Csg 9 5/8" - 29 3# K -55 set @ 1264' Cmt'd w/300 sxs - TOC - @

PROD 7" 24# J-55 set @ 3,302' Cemented with 300 sx Class C TOC - @

Liner 4 1/2" 10 5# J-55 set @ TOL 3228' - BOL 3695' Cemented with 150 sx Class C TOC - No

CURRENT PERFORATION DATA

CSG PERFS

OPEN HOLE

02-Mar-39 Nitro Shot open hole (3402'-3548') with 270 Quarts Flowed 216 bopd & 54 mcfpd. API = 38 degrees. FTP = 850#.

12-Aug-75 Drilled new 6 1/8" hole to 3,695'. Logged Well. Ran 4 1/2" liner from 3228'-3695'.

28-Aug-75 Perf'd Queen & 7-Rivers f/3431, 35', 39', 43', 47', 51', 73', 77', 81', 85', 89', 93', 97', 3501, 05', 09', 13', 17', 21', 25', 29', 33', 37', 41', 45', 62', 66', 70', 74', 83', 87', 91', 95', 3615', 19', 28', 34', 41', & 3645', 39 holes

TUBING DETAIL

11/11/2008

ROD DETAIL

3238 104 2 3/8 IPC Tubing

4 1 Uni-Pkr

3242

0

WELL HISTORY SUMMARY

02-Mar-39 Nitro Shot open hole (3402'-3548') with 270 Quarts Flowed 216 bopd & 54 mcfpd. API = 38 degrees. FTP = 850#.

18-Apr-72 RIH with 7" x 2 3/8" Uni-Pkr on 2 3/8" tubing Set PKR at 3,315'. Convert to Injection

12-Aug-75 POOH with slotted Liner Cleaned out to original TD 3,548" Drilled new 6 1/8" hole to 3,695'. Logged Well. Ran 4 1/2" liner from 3228'-3695'. Cemented w/ 150 sx Class C Cmt TOL with 75 sx Class C Drilled out cement to PBTD @ 3,695'

28-Aug-75 Perf'd Queen & 7-R f/3431, 35', 39', 43', 47', 51', 73', 77', 81', 85', 89', 93', 97', 3501, 05', 09', 13', 17', 21', 25', 29', 33', 37', 41', 45', 62', 66', 70', 74', 83', 87', 91', 95', 3615', 19', 28', 34', 41', & 3645', 39 holes Acidized w/ 3,500 gals 15% NE acid RIH w/ Inj string Set Pkr @ 3,248'.

16-Mar-78 Acidized perfs (3431'-3645') with 2,500 gals 5% HCl Acidized perfs (3431'-3645') with 5,000 gals 20% HCl acid and 3 1/2% HFA, over flush with 5,000 gals injection water RIH with injection PKR, set at 3242'. Injecting 300 bwpd @ 660#

01-Sep-85 Acidized with 3,750 gals 7 1/2% HCl and 25% Xylene

19-Dec-92 RIH with 1 7/8 down Blast Nozzle Cleaned out to 3220' to 3695' Recovered iron sulfide

19-Jan-11 Tagged fill 3,505', cleaned out 3,634'

Yates @ 2775'

7-R @ 2988'

TOL @ 3228'

PKR @ 3242'

Queen @ 3400'

3431' 3435'

3439' 3443'

3447' 3451'

3473' 3477'

3481' 3485'

3489' 3493'

3497' 3501'

3505' 3509'

3513' 3517'

3521' 3521'

3525' 3529'

3533' 3537'

3541' 3545'

3562' 3566'

3570' 3574'

3583' 3587'

3591' 3595'

3615' 3619'

3628' 3534'

3541' 3545'

Top of Fill
at 3,650'

BOL @ 3695'

TD @ 3695'

Surf Csg
Hole Size 15"
CSG Size 13 3/8"
Set @ 171'
Cmt 100 sx Cl C
Circ Yes,Inter Csg
Hole Size 11 1/4"
CSG Size 9 5/8"
Set @ 1264'
Cmt 300 sx Cl C
Circ No,

Production Casing

Hole Size 8 3/4 in
Csg Size 7 in
Set @ 3302 ft
Sxs Cmt 300
TOC No

Shoe @ 3302'

Liner
Hole Size 6 1/6 in
Csg Size 4 1/2 in
TOL 3228 ft
BOL 3695 ft
Sxs Cmt 150
Sxs Cmt 75 from TOLPBTD 3695 ft
TD 3695 ft

6 1/8" Open Hole

PREPARED BY

Domingo Camzales

UPDATED

26-Sep-11