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

HOBBS OCD
MAR 0 1 2012
RECEIVED

State of New Mexico
Energy, Minerals and Natural Resources

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

Form C-103
Revised August 1, 2011

WELL API NO. 30-025-23870	
5. Indicate Type of Lease STATE ☐ FEE ☒	
6. State Oil & Gas Lease No. 309574	
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.)	7. Lease Name or Unit Agreement Name Langlie Jal Unit
1. Type of Well: Oil Well ☐ Gas Well ☒ Other Injector	8. Well Number ~~79W~~
2. Name of Operator Resaca Operating Company	9. OGRID Number 263848
3. Address of Operator 1331 Lamar Street, Suite 1450 Houston, TX 77010	10. Pool name or Wildcat Langlie Mattix: 7Rivers-Queen-Grayburg
4. Well Location Unit Letter F : 1980 feet from the North line and 1980 feet from the West line Section 8 Township 25S Range 37E NMPM Lea County	
	11. Elevation *(Show whether DR, RKB, RT, GR, etc.)* 3164' GL

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐ ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	
DOWNHOLE COMMINGLE ☐		
OTHER: Locate casing leak & cement squeeze if necessary, Run MIT ☒		

Per Underground Injection Control Program Manual 11.6 C Packer shall be set within or less than 100 feet of the uppermost injection perfs or open hole.

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.

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.

The Oil Conservation Division MUST BE NOTIFIED 24 Hours Prior to the beginning of operations

Condition of Approval: notify OCD Hobbs office 24 hours prior of running MIT Test & Chart

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 MR TITLE Engineer Assistant DATE 2/27/2012

Type or print name Melanie Reyes E-mail address: melanie.reyes@resacaexploitation.com PHONE: (432) 580-8500

For State Use Only

APPROVED BY: TITLE Staff MGR DATE 3-1-2012

Conditions of Approval (if any):

MAR 0 1 2012

WELLBORE SCHEMATIC AND HISTORY

LANGLIE JAL UNIT

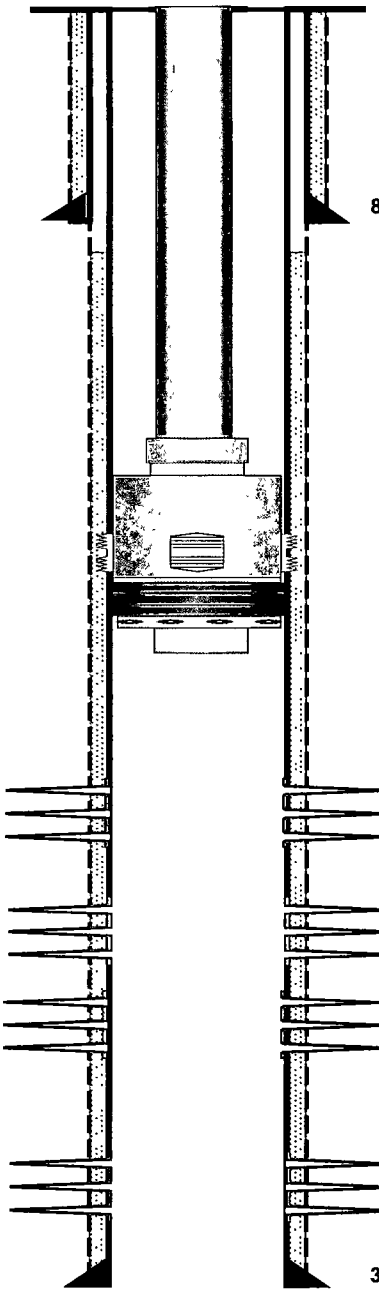
LEASE:	**LJU**	**RESERVIORS**	**PERFORATIONS**		**CASING**				**SPUD DATE:** 9/9/1971
WELL	**#WIW 79**		**TOP**	**BTM**	**SIZE**	**WT**	**GRD**	**CSA**	**COMP DATE:** 4/17/1972
API: 30-025-23870					8 5/8	20# & 24#	K-55 & SP-40	803	**ELEVATIONS**
FIELD:	LANGLIE MATTIX QUEEN		SEE	BELOW	4 1/2	9.5	J-55	3600	**KB:** 3174
LOCATION:	1980' FNL 1980' FWL								**DF:** 3172
	S-8, T-25-S, R-37-E								**GL:** 3164
	LEA COUNTY, NM				**TUBING**				**UPDATED:** 11/22/2008
Directions to Location :					2 3/8			3220	**BY:** MKK

SURFACE CASING

SIZE:	8 5/8	
WT/GRD:	20# & 24#	K-55 & SP-40
CSA:	803	
SX:	475	
CIRC:	Y	
TOC:	SURF	
HOLE SIZE.	12 1/4	0-803'

SURFACE CASING

SIZE:	4 1/2	
WT/GRD:	9.5	J-55
CSA:	3,600	
SX:	800	
CIRC	N	
TOC:	540	
HOLE SIZE:	7 7/8	803'-3600'



803 **8 5/8" 20# & 24# CSG**

3,312 **TOP PERF**

PERF: 3320'-23', 3361'-64', 3386'-3406', 3417', 3479'-82', 3516', 3532'-34', 3538'-42', 3548', 3555'. (4/72) (1/2" holes, TTL 45 holes) 3312'-54', 3358'-66', 3376' 3402', 3406'-15', 3430'-32', 3438'-51', 3456'-62', 3464'-68', 3470'-80', 3484'-87', 3488'-96', 3500'-02', 3506'-14', 3531'-34', 3542'-44', 3546'-49' (4/96) (149' net; TTL 447 holes)

A: 500 gallons MB acid (4/72) **A:** 3,000 gallons 5% HCL (3/78) **A:** 6,000 gallons 20% HCL (3/78) **A:** 3,750 gals 15% NE HCL (11/85)

3,555 **BOTTOM PERF**

3,600 **4 1/2" 9.5# CSG**

TUBING INSTALLATION 5/1996

(103) jts 2 3/8 PC TBG
4 1/2" PKR @ 3220'

PBTD: 3567
TD: 3600

LANGLIE JAL UNIT #79
WELL HISTORY

9/9/1971 - 4/17/1972	**COMPLETION:** (9/9/1971 - 4/17/1972) Drilled 12 1/4" hole to 803'. Ran 8 5/8" surface casing to 803'. Set surface casing with 475 sxs cement. Circulated cement. Drilled 7 7/8" hole to TD 3600'. Ran 4 1/2" production casing to 3600'. Set production casing with 800 sxs cement. Did not circulate cement. Top of cement at 540'. Perforated 4 1/2" casing with 1/2" holes @ 3320'-23', 3361'-64', 3386'-3406', 3417', 3479'-82', 3516', 3532'-34', 3538'-42', 3548', 3555'. Acidized with 500 gallons MB acid. Ran injection equipment.
3/23-29/1978	Acidized with 3,000 gallons 5% HCL. Acidized with 6,000 gallons 20% HCL. Ran injection equipment.
11/13/1985	Acidized with 3,750 gals 15% NE HCL. Ran injection equipment.
10/25/1993	3" cement lined pipe ruptured. Replaced 8' of 3" line.
10/30/1994	2" cement lined pipe ruptured.
4/20/1996 - 5/09/1996	Cleaned out to 3567'. Perforated 4 1/2" casing @ 3312'-54', 3358'-66', 3376'-3402', 3406'-15', 3430'-32', 3438'-51', 3456'-62', 3464'-68', 3470'-80', 3484'-87', 3488'-96', 3500'-02', 3506'-14', 3531'-34', 3542'-44', 3546'-49'. Located hole in 4 1/2" casing from 814'-844'. Sqzd 4 1/2" casing with 300
4/2/2002	Pressured tested tubing.
3/22/2006	Pressured tested tubing.