

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 OGD

MAR 15 2012

RECEIVED

State of New Mexico

Energy, Minerals and Natural Resources

CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

Form C-103

Revised August 1, 2011

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. 30-025-11498 ✓
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other <u>Injector</u>		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/> FED <input checked="" type="checkbox"/>
2. Name of Operator Resaca Operating Company		6. State Oil & Gas Lease No. 309574
3. Address of Operator 1331 Lamar Street, Suite 1450 Houston, TX 77010		7. Lease Name or Unit Agreement Name Langlie Jal Unit
4. Well Location Unit Letter <u>H</u> : <u>1980</u> feet from the <u>North</u> line and <u>660</u> feet from the <u>East</u> line Section <u>8</u> Township <u>25S</u> Range <u>37E</u> NMPM Lea County		8. Well Number <u>77X</u> ✓
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3172' GL		9. OGRID Number 263848 ✓
		10. Pool name or Wildcat Langlie Mattix: 7Rivers-Queen-Grayburg ✓

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: ☐

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



TITLE

Engineer Assistant

DATE

3/14/2012

Type or print name

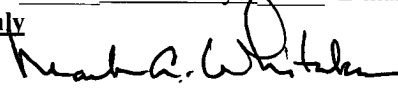
Melanie Reyes

E-mail address: melanie.reyes@resacaexploitation.com

PHONE: (432) 580-8500

For State Use Only

APPROVED BY:



TITLE

Compliance Officer

DATE

03-16-2012

Conditions of Approval (if any):

MAR 19 2012

WELLBORE SCHEMATIC AND HISTORY

LANGLIE JAL UNIT

LEASE: ? LJU WELL #WIW 77 API: 30-025-11498 FIELD: LANGLEIE MATTIX QUEEN LOCATION: 1980' FNL 660' FEL S-8, T-25-S, R-37-E LEA COUNTY, NM Directions to Location :	RESERVIORS	PERFORATIONS		CASING				SPUD DATE: 10/28/1937
		TOP	BTM	SIZE	WT	GRD	CSA	COMP DATE: 11/28/1937
		SEE	BELOW	9 5/8			1191	ELEVATIONS KB: 3182 GL: 3172 DF: 3181
				7	14		3265	
				4 1/2	1035	H-40	3645	
				TUBING				UPDATED: 11/18/2008
				2 3/8"				BY: MKK

SURFACE CASING

SIZE: 9 5/8"
WT/GRD: ?
CSA: 1191
SX: 500
CIRC: Y
TOC: SURF
HOLE SIZE: ? ?

PRODUCTION CASING

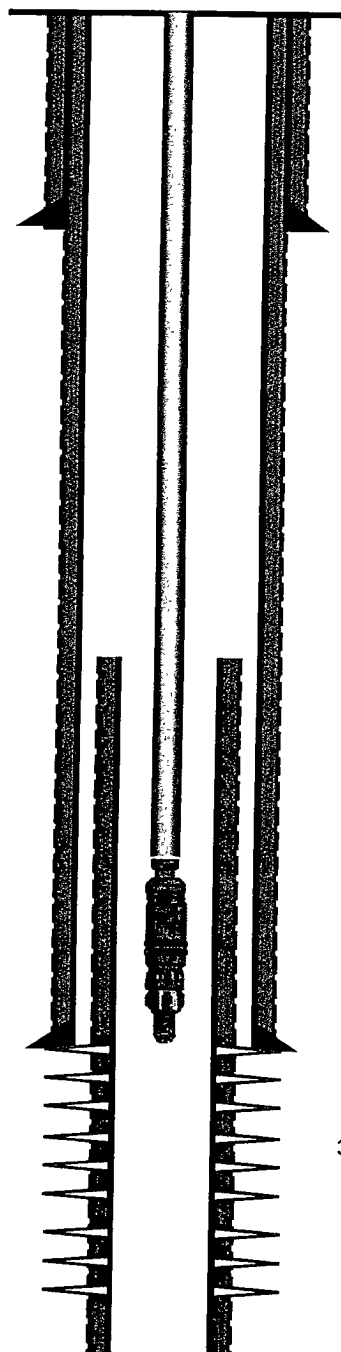
SIZE: 7"
WT/GRD: 14#
CSA: 3,265
SX: 350
CIRC: N
TOC: 1000
HOLE SIZE: ? ?

LINER

SIZE: 4 1/2"
WT/GRD: 10.5# H-40
CSA: 3,645
SX: 100
CIRC: N
TOC: ?
HOLE SIZE: 6 1/4" 3479'-3647'

TUBING INSTALLATION 06/2006

(100) JTS 2 3/8" TBG
(1) PACKER



1191' 9 5/8" CSG

3120' TOP 4 1/2" LINER

3272 TOP PERF

PERF: 3317', 19', 35', 37', 60', 71', 73', 3403', 05', 31', 35', 39', 43', 47', 51', 55', 59', 63', 67', 71', 87', 91', 95', 3501', 05', 09', 33', 39', 52', 54', 91'. (TTL 31 holes). (8/75) 3272'-76', 3279'-84', 3326'-40', 3352'-60', 3366'-74', 3390'-3406', 3418'-22', 3474'-82', 3518'-23', 3530'-34', 3542'-44', 3550'-56', 3562'-70', 3604'-18', 3620'-36'. (TTL 31 holes) (2/96)

F: Shot with 80 quarts nitro. (11/37) A: 3,500 gallons 15% HCL. (8/75) A: 5,000 gals 28% HCL + 5,000 gals H2O + 10 gals D-4 Concentrated oil stripper + 1,400# rock salt (11/77) A: 6,500 gals 7 1/2% HCL (2/96)

3,636 BOTTOM PERF

3265' 7" 14# CSG

3645' BOTTOM 4 1/2" LINER

TD: 3647

LANGLIE JAL UNIT #77 WELL HISTORY

10/28/1937 - COMPLETION: (10/28/1937 - 11/28/1937) Ran 9 5/8" surface casing to 1191' Set surface casing with 500 sxs cement. Circulated cement.
11/28/1937 Ran 7" production casing to 3265'. Set production casing with 350 sxs cement. Calculated top of cement 1000'. Shoot with 80 quarts nitro. Left open hole flowing. IP: 11/1937 24 hr (F) 216 BO +1,100 MCF.
11/28/1971 - Pulled production equipment and ran injection equipment. Well ready for injection.
4/25/1972
8/20/1975 - Drilled new 6 1/4" hole to 3647'. Ran 4 1/2" liner from 3120'--3645'. Set liner with 100 sxs cement. Perforated 4 1/2" liner @ 3317', 19', 35', 37', 60', 71', 73', 3403', 05', 31', 35', 39', 43', 47', 51', 55', 59', 63', 67', 71', 87', 91', 95', 3501', 05', 09', 33', 39', 52', 54', 91'. (TTL 31 holes). Acidized with 3,500 gallons 15% HCL. Ran injection equipment.
9/4/1975
11/2/1977 - Acidized with 5,000 gals 28% HCL + 5,000 gals H2O + 10 gals D-4 Concentrated oil stripper + 1,400# rock salt. Ran injection equipment.
11/15/1977
3/30/1994 2" cement line ruptured. Replaced 10' section of pipe.
2/01/1996 - Cleaned out to TD. Perforated 4 1/2" casing @ 3272'-76', 3279'-84', 3326'-40', 3352'-60', 3366'-74', 3390'-3406', 3418'-22', 3474'-82', 3518'-23', 3530'-34', 3542'-44', 3550'-56', 3562'-70', 3604'-18', 3620'-36'. (TTL 31 holes) Acidized w/ 6,500 gals 7 1/2% HCL. Ran injection equipment.
2/09/1996
7/8/2003 Sqzd 4 1/2" liner with 50 sxs cement.
9/7/2004 Pressure tested 4 1/2" liner.
7/15/2005 Sqzd 4 1/2" liner with 100 sxs cement.
6/28/2006 Pressure tested 4 1/2" liner.