BUK	UNITED STATES PARTMENT OF THE INTERIO	OR		OMB No. 1004-0137 Expires: October 31, 2014
	EAU OF LAND MANAGEME		5 2013Lease Serial No.	
Do not use this f	NOTICES AND REPORTS O form for proposals to drill (Use Form 3160-3 (APD) for	or to re-enter anECFI	6. If Indian, Allottee	or Tribe Name
	T IN TRIPLICATE – Other instructio	ons on page 2.	7. If Unit of CA/Agr LANGLIE JAL UNI	eement, Name and/or No. T- NM70970A
Type of Well Image: Oil Well Image: Oil Well	Vell Other /		8. Well Name and N LANGLIE JAL UNI	
Name of Operator LEGACY RES	SERVES OPERATING LP		9. API Well No. 30-025-11644	
. Address PO BOX 10848 MIDLAND, TX 7		ne No. <i>(include area code)</i> 689-5200	10. Field and Pool of LANGLIE MATTIX	Exploratory Area ; 7RIVERS-QUEEN-GRAYBURG
Location of Well (Footage, Sec., T., 0' FNL & 330' FEL, UNIT LETTER A, SEC. 1			11. County or Parish LEA CO., NM	, State
12. CHEC	CK THE APPROPRIATE BOX(ES) TO	D INDICATE NATURE OF N	OTICE, REPORT OR OTI	HER DATA
TYPE OF SUBMISSION		TYPE OF	ACTION	
Notice of Intent	Acidize	Deepen Fracture Treat New Construction	Production (Start/Resume) Reclamation Recomplete	Water Shut-Off Well Integrity Other
Subsequent Report	Change Plans	Plug and Abandon	Temporarily Abandon	
Final Abandonment Notice	Convert to Injection	Plug Back	Water Disposal	
Hold Safety Meeting, High con-				
2510'-2350'. POOH with work s Pump & squeeze 55 sxs of cen	rk string and RIH to tag cement plug string. MIRU WL. Pick up perf gun a nent into perfs at 1170' and flush to)' and POOH w/wire line. Pump cem	g at 2858'. Circulate well w and perf 7" csg @ 1170'. P(1070'. POOH with work sti	OOH wireline and RIH will ing and WOC. Tag top o	spot 30 sxs of cement @ th tubing and packer. f plug @ 1070'. Pick up
of tubing, and NU BOP. PU wo 2510'-2350'. POOH with work s Pump & squeeze 55 sxs of cen perf gun and perf 7" csg @ 450 ND BOP. Cut off well head and	rk string and RIH to tag cement plug string. MIRU WL. Pick up perf gun a nent into perfs at 1170' and flush to)' and POOH w/wire line. Pump cem	g at 2858'. Circulate well w and perf 7" csg @ 1170'. P(1070'. POOH with work sti	DOH wireline and RIH wi ing and WOC. Tag top o late cement to surface. F	spot 30 sxs of cement @ th tubing and packer. f plug @ 1070'. Pick up
of tubing, and NU BOP. PU wo 2510'-2350'. POOH with work s Pump & squeeze 55 sxs of cen perf gun and perf 7" csg @ 450 ND BOP. Cut off well head and	rk string and RIH to tag cement plug string. MIRU WL. Pick up perf gun a nent into perfs at 1170' and flush to)' and POOH w/wire line. Pump cem I weld on marker.	g at 2858'. Circulate well w and perf 7" csg @ 1170'. P(1070'. POOH with work st nent down casing and circu	DOH wireline and RIH wi ing and WOC. Tag top o late cement to surface. F	spot 30 sxs of cement @ th tubing and packer. f plug @ 1070'. Pick up
of tubing, and NU BOP. PU wo 2510'-2350'. POOH with work s Pump & squeeze 55 sxs of cen perf gun and perf 7" csg @ 450 ND BOP. Cut off well head and	rk string and RIH to tag cement plug string. MIRU WL. Pick up perf gun a nent into perfs at 1170' and flush to)' and POOH w/wire line. Pump cerr I weld on marker.	g at 2858'. Circulate well w and perf 7" csg @ 1170'. P(1070'. POOH with work str nent down casing and circu Title REGULATOR Date 10/09/2013	OOH wireline and RIH wi ing and WOC. Tag top o late cement to surface. F	spot 30 sxs of cement @ th tubing and packer. f plug @ 1070'. Pick up
of tubing, and NU BOP. PU wo 2510'-2350'. POOH with work s Pump & squeeze 55 sxs of cen perf gun and perf 7" csg @ 450 ND BOP. Cut off well head and	rk string and RIH to tag cement plug string. MIRU WL. Pick up perf gun a nent into perfs at 1170' and flush to)' and POOH w/wire line. Pump cem I weld on marker.	g at 2858'. Circulate well w and perf 7" csg @ 1170'. P(1070'. POOH with work str nent down casing and circu Title REGULATOR Date 10/09/2013	OOH wireline and RIH wi ing and WOC. Tag top o late cement to surface. F	spot 30 sxs of cement @ th tubing and packer. f plug @ 1070'. Pick up
of tubing, and NU BOP. PU wo 2510'-2350'. POOH with work s Pump & squeeze 55 sxs of cen perf gun and perf 7" csg @ 450 ND BOP. Cut off well head and BOP. Cut off well head and LAURA PINA Signature	rk string and RIH to tag cement plug string. MIRU WL. Pick up perf gun a nent into perfs at 1170' and flush to 0' and POOH w/wire line. Pump cerr 1 weld on marker. true and correct. Name (<i>Printed/Typed</i>)	g at 2858'. Circulate well w and perf 7" csg @ 1170'. PO 1070'. POOH with work sti nent down casing and circu Date 10/09/2013 EDERAL OR STATE	OOH wireline and RIH wi ing and WOC. Tag top o late cement to surface. F Y TECH OFFICE USE	spot 30 sxs of cement @ th tubing and packer. f plug @ 1070'. Pick up

1

Field: Langlie Jal Unit

..

.

	Location:		
Footage:	990' FNL & 330' FEL		
Section:	17, T - 25S, R - 37E		
Block:			
Survey:			
County:	Lea County, NM		
Lat:			
Long:			
	Elevations:		
GL:	3123'		
KB:	3133'		
KB Calc:	10'		
ck w/log?	n/a		

Date	History
9/10/1952	Open Hole complition from 3,076' to 3,386'. HydroFrac with 3,000 gals. Pumping 48 bopd & 0 bwpd; Prior 5 BOPD 0 BWPD.
4/23/1974	Deepened 6 1/4" to new TD @ 3,605'. Logged well to TD @ 3,605'. Ran 4 1/2' liner from 2860' to 3,604'. Cmt'd w/ 100 sx. Perf'd 7-Rivers/Queen f/ 3168'-78', 3211'-17', 3267'-72', 3277'-83', 3284'-88', 3298'-3313', 3317'-26', 3404'-16', 3439'-45', 3474'-81', 1 JHPF. Acidized with 5,000 gals 15% NEFE HCI. IP: 18 BOPD 23 BWPD Gas TSTM. API = 33 degrees.
3/21/1975	Perd Queen f/3465-60', 3510'-12', 3516'-21', 3536'-39' & 3559'-3561', 1 JSPF. Acid w/1,210 gals 15% NEFE HCI. Frac'd w/23,856 gals 2% KCI wtr. Plus 31,668# 20/40 sand & 3,600# rock slat, IP: 7.7 BOPD 19 BWPD, API = 35 degrees
12/15/1995	Set CIBP @ 3,392'. Perl'd 7-R Queen f/ 3260'-64', 3341'-46', 3361'-66', 3368'-70' & 3374'-3380', 1 JSPF. No detail on Acid & Frac'd treatments.
2/10/1996	Perl'd 7-R Queen f/ 3267'-72', 3277'-83', 3284'-88', 3298'-3313' & 3317'- 3326', 1 JSPF. No detail on Acid & Frac'd treatments.
11/13/2006	Set CIBP @ 3,100'. Spotted cement plug from 2,858'-3100'. Left 1 - 2 7/8' joint tubing in hole. T&A.

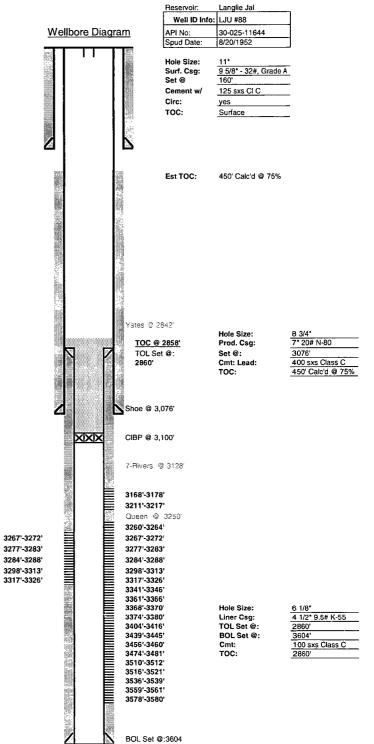
	Tubing Detail (top to bottom)		
Joints	Description	Footage	Depth
1	2 3/8* J-55 6.4# Tubing	31.50	31.50
		+ +	
			· · · ·
		-	
	···· ·		

	Rod Detail (top to bottom)		
Rods	Description	Footage	Depth
		_	
	······································		

Pumping Unit: Injector

Updated: 10/4/13 MS

LJU #88



PBTD: 3585 ft TD: 3605 ft OH ID: 6-1/4*

. . **•**

Field: Langlie Jal Unit

	Location:
Footage:	990' FNL & 330' FEL
Section:	17, T - 25S, R - 37E
Block:	
Survey:	
County:	Lea County , NM
Lat:	
Long:	
-	Elevations:
GL:	3123'
KB:	3133'
KB Calc:	10'
ck w/log?	n/a

Date	History
9/10/1952	Open Hole complition from 3,076' to 3,386'. HydroFrac with 3,000 gals. Pumping 48 bopd & 0 bwpd; Prior 5 BOPD 0 BWPD.
4/23/1974	Deepened 6 1/4" to new TD @ 3,605'. Logged well to TD @ 3,605'. Ran 4 1/2" liner from 2860' to 3,604'. Cmt'd w/ 100 sx. Perfd 7-Rivers/Queen f/ 3168'-78', 3211'-17', 3267'-72', 3277'-83', 3284'-88', 3298'-3313', 3317'-26', 3404'-16', 3439'-45', 3474'-81', 1 JHPF. Acidized with 5,000 gals 15% NEFE HCI. IP: 18 BOPD 23 BWPD Gas TSTM. API = 33 degrees.
3/21/1975	Perd Queen f/3465'-60', 3510'-12', 3516'-21', 3536'-39' & 3559'-3561', 1 JSPF. Acid w/1,210 gals 15% NEFE HCI. Frac'd w/23,856 gals 2% KCI wtr. Plus 31,668# 20/40 sand & 3,600# rock slat, IP: 7.7 BOPD 19 BWPD, API = 35 degrees
12/15/1995	Set CIBP @ 3,392'. Perf'd 7-R Queen f/ 3260'-64', 3341'-46', 3361'-66', 3368'-70' & 3374'-3380', 1 JSPF. No detail on Acid & Frac'd treatments.
2/10/1996	Perf'd 7-R Queen f/ 3267'-72', 3277'-83', 3284'-88', 3298'-3313' & 3317'- 3326', 1 JSPF. No detail on Acid & Frac'd treatments.
11/13/2006	Set CIBP @ 3,100'. Spotted cement plug from 2,858'-3100'. Left 1 - 2 7/8" joint tubing in hole. T&A.
	· · · · · · · · · · · · · · · · · · ·
•	

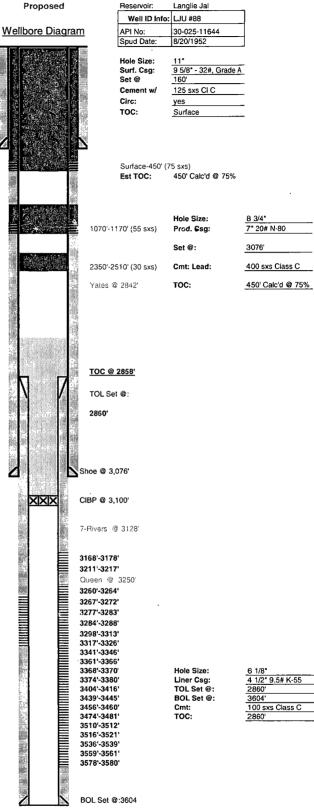
	Tubing Detail (top to bottom)		
Joints	Description	Footage	Depth
1	2 3/8" J-55 6.4# Tubing	31.50	31.50
	1		

	Rod Detail (top to bottom)		
Rods	Description	Footage	Depth

Pumping Unit: Injector Updated:

LJU #88

Proposed



PBTD: 3585 ft TD: 3605 ft OH ID: 6-1/4"

3267'-3272'

3277'-3283'

3284'-3288'

3298'-3313'

3317'-3326'