	,					_	LOCATION	Ň		
5	Туре	OPERATOR	LEASE & WELL	Letter	Sec.	Twp	Range	Footage	Date Drilled	Notes
3630'	P&A	Grace Petroleum	New Mexico "AA" State #3	н	22	T23S	R36E	2310' FNL, 330' FEL	12/24/1959	
3130'	G	Doyle Hartman	New Mexico "AA" State #1	I	22	T23S	R36E	1980' FNL, 660' FEL	6/15/1950	
3765'	0&G	Energen Resources	Langlie Lynn Queen Unit #2	-	22	T23S	R36E	1980' FSL, 660' FEL	2/29/1960	
3812'	P&A	Energen Resources	Langlie Lynn Queen Unit #1	ے	22	T23S	R36E	1980' FSL, 1980' FEL	9/7/1960	And and a second se
3610'	G	Lanexco Inc.	El Paso State #1	ے	22	T23S	R36E	1880' FSL, 1650' FEL	6/9/1979	
3843'	,ī	Energen Resources	Langlie Lynn Queen Unit #23	ے	22	T23S	R36E	1863' FSL, 1950' FEL	2/13/2000	2/13/2000 Drill as injector
5095	P&A	Clayton Williams Energy	New Mexico State A A/C #1	z	22	T23S	R36E	330' FSL, 2310' FWL	10/11/1930	
3853'	G	Energen Resources	Langlie Lynn Queen Unit #20	0	22	T23S	R36E	672' FSL, 1797' FEL	2/24/2000 F	2/24/2000 Replace #10 producer
3800'	P&A	Energen Resources	Langlie Lynn Queen Unit #10	0	22	T23S	<b>R36E</b>	640' FSL, 1650' FEL	6/12/1963	
3426	G	Gruy Petroleum Mgmt	Shell State #3	ס	22	T23S	R36E	660' FSL, 660' FEL	4/14/1954	-
3791'	<u>.</u>	Energen Resources	Langlie Lynn Queen Unit #3	٢	23	T23S	R36E	1980' FSL, 660' FWL	10/10/1960 F	10/10/1960 Return to injection
3711'	<b>0</b> &G	Energen Resources	Langlie Lynn Queen Unit #8	Z	23	T23S	R36E	660' FSL, 660' FWL	1/30/1963	and the second
3550'	G	Arco Permian	Sinclair A State #10	Z	23	T23S	R36E	990' FSL, 990' FWL	3/24/1990	
3800'	Inj.	Energen Resources	Langlie Lynn Queen Unit #7	z	23	T23S	R36E	660' FSL, 1980' FWL	11/25/1962 F	11/25/1962 Return to injection
3700'	0&G	Energen Resources	Langlie Lynn Queen Unit #13	c	26	T23S	R36E	660' FNL, 1980' FWL	4/23/1963	
3750'	0&G	Energen Resources	Langlie Lynn Queen Unit #12	۵	26	T23S	R36E	660' FNL, 660' FWL	6/10/1963 0	6/10/1963 Convert to injector
3385	G	Conoco	Lynn B-1 #3	c	26	T23S	R36E	990' FNL, 1650' FWL	4/3/1949	
3480'	G	Conoco	Lynn B-1 #7	A	27	T23S	R36E	990' FNL, 990' FEL	5/9/1948	
3730'	Inj.	Energen Resources	Langlie Lynn Queen Unit #11	Þ	27	T23S	R36E	T23S R36E 660' FNL, 660' FEL	7/16/1963 0	7/16/1963 Convert to producer

# Wells within 1/2 mile radius of Langlie Lynn Queen Unit Well #9

### NMOCD CASE NO. 13,170 DECEMBER 4, 2003 ENERGEN EXHIBIT NO. 11

)PERATOR:	<u> </u>	Energen R	esources	6	· · · · · · · · · · · · · · · · · · ·			······································	
VELL NAME & NUM	BER: L	anglie Lyr.	nn Queer	n Unit #1				· · · · · · · · · · · · · · · · · · ·	
VELL LOCATION:	1980' FSL, 1	980' FEL			J	22	T-23-S	R-36-E	Lea
	(Footage Location)				(Unit Letter)	(Section)	(Township)	(Range)	(County)
			WELL	CONSTRU	CTION DATA				
,				Surface C	asing				
lole Size:	<u>11"</u>		-						
asing Size:	8-5/8"		-						:
cemented with:	280		sacks	(or)			_ft3		
op of Cement:	Surface	<u></u>	-						
1ethod Determined:	Visual								
			<u>P</u>	roduction	<u>Casing</u>				
lole Size:	6-3/4"		-						
asing Size:	4 1/2"		-						
emented with:	250		sacks	(or)			_ft3		
op of Cement:	2745'								
lethod Determined:	CBL								
otal Depth:	3812'								
				Injection In	iterval				
			=						
P&A	_ feet to _				(Indicate wheth	er Open Hole	e or perforated)		
							٩.	<b>A</b>	
				Tubing D	etail			- · ·	
ubing Size:			_						
ining Material:									
ype of Packer:									,
acker Setting Depth:									
ther Type of Tubing	/Casing Seal (	if applicat	ole):						
ddtitional Data							,		
Is this a new well o	drilled for injec	tion?			No				
no, for what purpos	e was the well	originally	drilled?		Oil and gas	;			
Name of the Inject	ion Formation	:			n/a				·
Name of Field or F	Pool (if applica	ble):			Langlie Ma	ttix Seven	Rivers-Quee	n-Grayburg	
Has the well ever t	been perforate	ed in anv o	ther zon	e(s)? List a	ll such perforat	led interva	ls and give p	lugging det:	ail
<ul> <li>sacks of cement of</li> </ul>	-	-		-(-/: =:-:-			ie und grie p		1
riginal perfs in interv			<del></del>			· · · · · · · · · · · · · · · · · · ·	······································	·	
riginally PA'd 11-2-9									
	etainer @ 3550								
	Squeezed w								······································
	Spot 7 sx cn		of retaine	r (TOC 342	5')				·
Spot 25 st	x cmt @ 1300							· · · · · · · · · · · · · · · · · · ·	
	75'. Pump 148								· · · · · · · · · · · · · · · · · · ·
e-entry PA'd 1-28-0	0								
See attact	hed sheet for	plugging d	etails		· ····				
Give the name and	d depths of an	y oil or ga	s zones (	underlying a	or overlyina the	proposed	injection zon	e in this are	a: <sup>:</sup>
Imat Yates Gas Zo						1 F			
ompletion Record									

erfs:

Diarict Office			
DISTRICT I P.O. Box 1980, Hobbs, NM \$\$240	OIL CONSERVATIO	N DIVISION	WELL AFI NO.
DISTRICT II		M 87505	30-025-09380
P.O. Drawer DD, Artesis, NM \$\$210			S. Indicate Type of Lasse STATE XX FEE
DISTRICT III 1000 Rio Brazos Rd., Aziec, NM \$7410		-	6. Suiz Oil & Cas Lesso No. 23267
. SUNDRY NOTI	CES AND REPORTS ON WEL	LS	
	VOR. USE "APPLICATION FOR PE		7. Lesse Name or Unit Agreement Name
I. Type of Well:	101) FOR SUCH PROPOSALS.)		Langlie Lynn Queen Unit
MELL WELL	oner Plugge	2đ	
. Name of Operator Energen Resources Corr	oration		8. Well Na.
Address of Operator	Joracion	•	9. Pool name or Wildcat
-	Ste 100, Midland, TX	79705	Langlie Mattix 7 RVS Queen
	30 Feet From The South	Line and198	80 Fea From TheEast Liss
Section 22	Toronthin 23-S P		NMPM Lea County
	Township 23-S RJ 10. Elevation (Show whether 3388' GL	DF, RKB, RT, GR, etc.)	
Check	Appropriate Box to Indicate	Nature of Notice R	eport or Other Data
NOTICE OF IN	••••		BSEQUENT REPORT OF:
	<u> </u>		
ERFORM REMEDIAL WORK		REMEDIAL WORK	
	PLUG AND ABANDON	REMEDIAL WORK	
EMPORARILY ABANDON		COMMENCE DRILLIN	
EMPORARILY ABANDON	CHANGE PLANS	COMMENCE DRILLIN CASING TEST AND C OTHER: of give pertinent dates, incl	G OPNS. PLUG AND ABANDONMENT
EMPORARILY ABANDON	CHANGE PLANS	COMMENCE DRILLIN CASING TEST AND C OTHER: and give perivent datas, included bed the 4 1/2" of 3 7/8" blade bit Circulated the 50# in 6 minutes outside the cast ks of Class "C" mixed & spotted Hole marker. Fi	
EMPORARILY ABANDON	CHANGE PLANS	COMMENCE DRILLIN CASING TEST AND C OTHER: and give perivent datas, included bed the 4 1/2" of 3 7/8" blade bit Circulated the 50# in 6 minutes outside the cast ks of Class "C" mixed & spotted Hole marker. Fi	GOPNS. PLUG AND ABANDONMENT
EMPORARILY ABANDON	CHANGE PLANS	COMMENCE DRILLIN CASING TEST AND C OTHER: of give perioent dates, inclu- bed the 4 1/2" of 3 7/8" blade bi Circulated the 50# in 6 minutes outside the cass ks of Class "C" mixed & spottes Hole marker. Fi location to it	GOPNS. PLUG AND ABANDONMENT EMENT JOB ding enimeted date of starting any proposed casing back to surface. NU a it. Tagged up @ 167'. Drilled e hole clean & pressured the cas s. RIH & tagged up @ 958'. ing. POOH. RIH to 1,021'. neat. POOH to 386', spotted d a 10 sack Class "C" Surface illed in the working pit, dug up 's pre-move-in condition. The
EMPORARILY ABANDON	CHANGE PLANS	COMMENCE DRILLIN CASING TEST AND C OTHER: of give perioent dates, inclu- bed the 4 1/2" of 3 7/8" blade bis Circulated the 50# in 6 minutes outside the cass ks of Class "C" mixed & spotter Hole marker. Fi location to it	GOPNS. PLUG AND ABANDONMENT EMENT JOB ding enimeted date of starting any proposed casing back to surface. NU a it. Tagged up @ 167'. Drilled e hole clean & pressured the cas s. RIH & tagged up @ 958'. ing. POOH. RIH to 1,021'. neat. POOH to 386', spotted d a 10 sack Class "C" Surface illed in the working pit, dug up 's pre-move-in condition. The
EMPORARILY ABANDON	CHANGE PLANS	COMMENCE DRILLIN CASING TEST AND C OTHER: of give perioent dates, inclu- bed the 4 1/2" of 3 7/8" blade bi Circulated the 50# in 6 minutes outside the cass ks of Class "C" mixed & spottes Hole marker. Fi location to it	GOPNS. PLUG AND ABANDONMENT EMENT JOB ding enimeted date of starting any proposed casing back to surface. NU a it. Tagged up @ 167'. Drilled e hole clean & pressured the cas s. RIH & tagged up @ 958'. ing. POOH. RIH to 1,021'. neat. POOH to 386', spotted d a 10 sack Class "C" Surface illed in the working pit, dug up 's pre-move-in condition. The
EMPORARILY ABANDON	CHANGE PLANS	COMMENCE DRILLIN CASING TEST AND C OTHER: of give perioent dates, inclu- bed the 4 1/2" of 3 7/8" blade bi Circulated the 50# in 6 minutes outside the cass ks of Class "C" mixed & spottes Hole marker. Fi location to it	GOPNS. PLUG AND ABANDONMENT EMENT JOB during eminated date of starting any proposed casing back to surface. NU a it. Tagged up @ 167'. Drilled e hole clean & pressured the cas s. RIH & tagged up @ 958'. ing. POOH. RIH to 1,021'. neat. POOH to 386', spotted d a 10 sack Class "C" Surface illed in the working pit, dug up 's pre-move-in condition. The <u>Tech.</u> <u>2/15/00</u>
work) SEE RULE 1103. 01/27-28/2000: Cut-off Larkin "R" type tubing medium-hard cement down the casing to 500# which Drilled cement to 1,02 RU Triple N Services & 25 sacks of Class "C" n plug. Cut-off 4 1/2" the anchors, filled the well is P&A'd. I hereby certify that the information more to re- SIGNATURE TOTE OR PRINT NAME Denise Me	CHANGE PLANS	COMMENCE DRILLIN CASING TEST AND C OTHER: of give perioent dates, inclu- bed the 4 1/2" of 3 7/8" blade bi Circulated the 50# in 6 minutes outside the cass ks of Class "C" mixed & spottes Hole marker. Fi location to it	GOPNS. PLUG AND ABANDONMENT EMENT JOB during eminated date of starting any proposed casing back to surface. NU a it. Tagged up @ 167'. Drilled e hole clean & pressured the cas s. RIH & tagged up @ 958'. ing. POOH. RIH to 1,021'. neat. POOH to 386', spotted d a 10 sack Class "C" Surface illed in the working pit, dug up 's pre-move-in condition. The <u>Tech.</u> <u>2/15/00</u>

### LIVERGEIV RESU RUES, IIVU. Langlie Lynn Unit #1 Lea County, NM

Conductor: None

Surface Casing: 8-5/8" 32# H-40, ST&C @ 324' in 11" hole Cemented to surface W/275 sx Regular Neat

Intermediate Casing: None Current Conditions: Jan-99 **PxA** GL Elevation: 3388' KB Elevation: 3399.3' Location: 1980' FSL, 1980' FEL, Sec 22, T-23-S, R-36-E Well Head Assembly: None-Well PxA Dry Hole Marker installed Perf @ 375' Pump 148 sacks circ. to surface (10/29/92) 2745 27 TOC 2745' By CBL 25 sacks "C" from 1300' (tagged top @ 931') (10/29/92)

Production Casing: 4 1/2" 11.6# (1-jt) & 9.5 # J-55 ST&C @ 3812 " in 6-3/4" hole 200 Sx Regular Cement + 4% gel Retainer @ 3550'- Squeezed w/50 sx (10/29/92) Perfs: 7 Rivers--3622-28, 34-38, 42-46, 48-52, 60-66' Queen--3682-3708, 19-24, 29-32, 36-40, 66' Frac W/ 36,000 gal lease oil + 54,000# sand

7 sx cement on retainer (tag @ 3425') Retainer @ 3550'- Squeezed w/50 sx

PBD: 3782' TD = 3812'

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### ENERGEN RESOURCES, INC. Langlie Lynn Unit #1 GL Elevation: 3388' Lea County; NM KB Elevation: 3399.3' Location: 1980' FSL, 1980' FEL, **Current Conditions: Mar-00 PxA** Sec 22, T-23-S, R-36-E 10 sacks "C" at surface (01/28/00) Surface Casing: Well Head Assembly: None-Well PxA Dry Hole Marker installed Intermediate Casing: 25 sacks "C" from 386' (01/28/00) (Calc top @ 26') Perf @ 375' Pump 148 sacks circ. to surface (10/29/92) Drilled out (01/27/00) Drilled out to 1021'--bit outside casing (01/27/00) 25 sacks "C" from 1021' (01/28/00) 25 sacks "C" from 1300' (tagged top @ 931') (10/29/92) TOC 2745' By CBL 7 sx cement on retainer (tag @ 3425') Retainer @ 3550'- Squeezed w/50 sx (10/29/92)Perfs: 7 Rivers--3622-28, 34-38, 42-46, 48-52, 60-66' Queen-3682-3708, 19-24, 29-32, 36-40, 66' Frac W/ 36,000 gal lease oil + 54,000# sand **Production Casing:** 4 1/2" 11.6# (1-jt) & 9.5 # J-55 ST&C PBD: 3782' 200 Sx Regular Cement + 4% gel TD = 3812'

Conductor: None

8-5/8" 32# H-40, ST&C @ 324' in 11" hole Cemented to surface W/275 sx Regular Neat

None

@ 3812 " in 6-3/4" hole

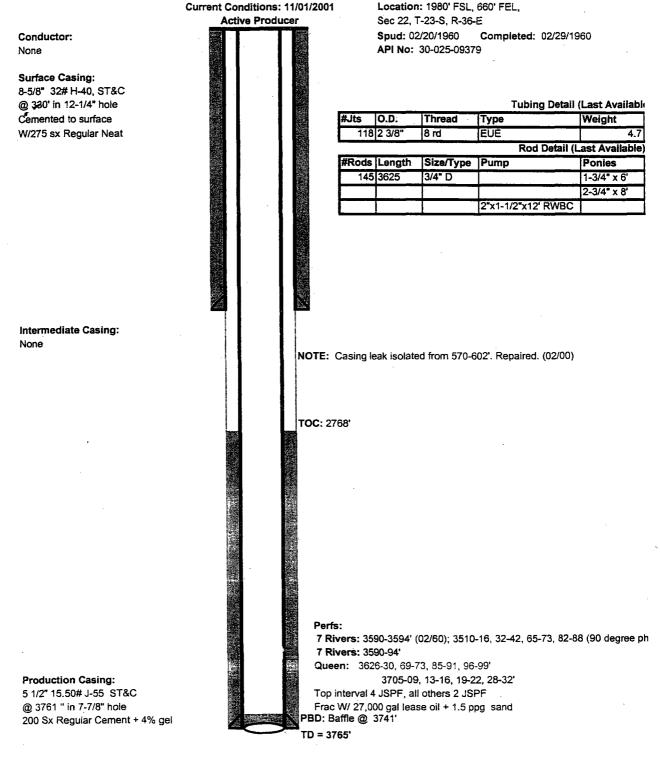
OPERATOR:		Energen F	esource	S					
WELL NAME & NUM	BER:	Langlie Ly	nn Quee	en Unit #2		<u></u>			
WELL LOCATION:	1980' FSL	, 660' FEL				22	T-23-S	R-36-E	Lea
	(Footage Localio	n)			(Unit Letter)	(Section)	(Township)	(Range)	(County)
			WELL	. CONSTR	UCTION DATA				
				Surface	Casing				
Hole Size:	11"		_						
Casing Size:	8-5/8" @ 3	320'	-	()			<i>4</i> 0		
Cemented with: Top of Cement:	275 Surface		sacks	(or)			_ft3		
Method Determined:	Visual	· · · · · · · · · · · · · · · · · · ·	<b>_</b> ·						
		······································	-						
			4	Productio	n Casing				
Hole Size:	7-7/8"								
Casing Size:	5-1/2" @=	2761'					<i></i>		τ
Cemented with:	200	······································	_sacks	(or)			_ft3		
Top of Cement: Method Determined:	Unknown								
Total Depth:	3765'		-						
				Iniontion	Internet				
		•		Injection	Interval				
3510'	_ feet to	3732'			(Indicate wheth	er Open Hole	e or perforated)	perforated	
		N N							
				<u>Tubing</u>	<u>Detail</u>				
Tubing Size:	2-3/8" @		_						
Lining Material: Type of Packer:	None	<u> </u>							
Packer Setting Depth:									
Other Type of Tubing	/Casing Sea	al (if applica	ble):		·····				
Addtitional Data									
1. Is this a new well o	frilled for ini	action?			No				
If no, for what purpose	•		drilled?		Oil and gas	;	<del>.</del>	·	
2. Name of the Inject				•••	n/a				
3. Name of Field or P	ool (if appli	cable):			Langlie Ma	ttix Seven	Rivers-Quee	en-Grayburg	
4. Has the well ever t	been perfora	ated in any o	other zor	ne(s)? List	all such perforat	ted interva	ls and give p	lugging deta	ail,
I.e. sacks of cement of									
			···		<del></del>				
5. Give the name and	d depths of	any oil or ga	as zones	underlying	or overlying the	proposed	injection zor	ne in this are	a:
Jalmat Yates Gas Zor	ne, Top @ a	approx. 304	0'		·				
······································									
Completion Record									
Perfs:		See attach	ned diag	ram					
Acid, Shot, Fracture,	Squeeze:								
	<u> </u>	<u></u>		·					•

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Office En , Minerals and Natural Resources	Revised March 25, 10
District 1 1625 N. French Dr., Hobbs, NM 87240	WELL API NO.
District II OIL CONSERVATION DIVISION	<u>30-025-09379</u>
District III 2040 South Pacheco	5. Indicate Type of Lease
1000 Rio Brazos Rd., Aztec, NM 87410 Santa Fe, NM 87505	STATE X FEE
2040 South Pacheco, Santa Fe, NM 87505	6. State Oil & Gas Lease No.
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 Lynn Queen Unit
1. Type of Well: Oil Well X Gas Well Other	
2. Name of Operator	8. Well No.
nergen Resources Corporation	2
3. Address of Operator 3300 N. "A" St., Bldg 4, Ste. 100, Midland, TX 79705 4. Well Location	9. Pool name or Wildcat Langlie Mattix 7 RVRS/Queen/GB
Unit Letter I : 1980 feet from the South line and	660 feet from the East li
Section 22 Township 23S Range 36E	NMPM County Lea
10. Elevation (Show whether DR, RKB, RT, GR, e	rtc.)
11. Check Appropriate Box to Indicate Nature of Notice	, Report, or Other Data
	BSEQUENT REPORT OF:
	ABANDONMENT
COMPLETION CEMENT JOB	
COMPLETION     CEMENT JOB       DTHER:     OTHER:	· · · · · · · · · · · · · · · · · · ·
COMPLETION CEMENT JOB	give pertinent dates, including estimated date
COMPLETION CEMENT JOB OTHER: OTHER: 12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and postarting any proposed work). SEE RULE 1103. For Multiple Completions: Attac	give pertinent dates, including estimated date h wellbore diagram of proposed completion c holes @ 2.700' FS & 4 holes @ 1.589
COMPLETION CEMENT JOB OTHER: CEMENT JOB OTHER: CEMENT JOB OTHER: 12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and a of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attac or recompilation. 02/02/00: MIRUPU to repair csg leak between 570'-602' FS. Shot 4 sqz FS. Set cmt ret @ 1,521', sqz'd the 5 1/2" x 8 5/8" annulus in 2 st	give pertinent dates, including estimated date h wellbore diagram of proposed completion t holes @ 2.700' FS & 4 holes @ 1.589 tages: 400 sx Cl C (slurry-679 cu.ft) d as follows: spotted 12 sx @
COMPLETION COMPLETION CEMENT JOB OTHER: CEMENT JOB OTHER: CEMENT JOB OTHER: CEMENT JOB OTHER: OTHER: CEMENT JOB OTHER: OTHER: CEMENT JOB OTHER: OTHER: 20202/00: MIRUPU to completed Operations (Clearly state all pertinent details, and point of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attac or recompilation. 02/02/00: MIRUPU to repair csg leak between 570'-602' FS. Shot 4 sqz FS. Set cmt ret @ 1.521'. sqz'd the 5 1/2" x 8 5/8" annulus in 2 st & 175 sx Cl C (surry-253 cu.ft.), 5 sx circ 02/04-10/00: D.0. cmt, tested sqz, still had some leak-off. Re-sqz' 2702'(slurry-16.2 cu.ft.), 6 sx @ 1622'. & 12 sx @ 608'. D.0. cmt, t	give pertinent dates, including estimated date h wellbore diagram of proposed completion t holes @ 2.700' FS & 4 holes @ 1.589 tages: 400 sx Cl C (slurry-679 cu.ft) d as follows: spotted 12 sx @ tested sqz. pressure held. Ran
COMPLETION COMPLETION CEMENT JOB OTHER: CEMENT JOB OTHER: CEMENT JOB OTHER: OTHER: CEMENT JOB OTHER: OTHER: CEMENT JOB OTHER: OTHER: CEMENT JOB OTHER: OTHER: CEMENT JOB OTHER: CEMENT JOB	give pertinent dates, including estimated date h wellbore diagram of proposed completion tholes @ 2.700' FS & 4 holes @ 1.589 tages: 400 sx Cl C (slurry-679 cu.ft) d as follows: spotted 12 sx @ tested sqz. pressure held. Ran
COMPLETION CEMENT JOB OTHER: 12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and a of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attac or recompilation. 02/02/00: MIRUPU to repair csg leak between 570'-602' FS. Shot 4 sqz FS. Set cmt ret @ 1.521'. sqz'd the 5 1/2" x 8 5/8" annulus in 2 st & 175 sx Cl C (surry-253 cu.ft.), 5 sx circ 02/04-10/00: D.0. cmt, tested sqz, still had some leak-off. Re-sqz' 2702'(slurry-16.2 cu.ft.), 6 sx @ 1622'. & 12 sx @ 608'. D.0. cmt, t CML/GR/CCL, new WL PBTD @ 3738'. 02/11/00: Perf 7 RVRS/Queen @ 3510'-88' (total of 120 new holes). Ac	give pertinent dates, including estimated date h wellbore diagram of proposed completion c holes @ 2.700' FS & 4 holes @ 1.589 ages: 400 sx Cl C (slurry-679 cu.ft) d as follows: spotted 12 sx @ cested sqz. pressure held. Ran cidized w/ 3000 gals 15% HCL.
COMPLETION COMPLETION CEMENT JOB OTHER: CEMENT JOB OTHER: CEMENT JOB OTHER: CEMENT JOB OTHER: CEMENT JOB OTHER: CEMENT JOB OTHER: OTHER: CEMENT JOB OTHER: OTHER: 22.02/00: MIRUPU to repair csg leak between 570'-602' FS. Shot 4 sqz FS. Set cmt ret @ 1.521', sqz'd the 5 1/2" x 8 5/8" annulus in 2 st & 175 sx Cl C (surry-253 cu.ft.), 5 sx circ 02/04-10/00: D.0. cmt, tested sqz, still had some leak-off. Re-sqz' 2702'(slurry-16.2 cu.ft.), 6 sx @ 1622', & 12 sx @ 608', D.0. cmt, t CEMENT JOB OTHER: 02/11/00: Perf 7 RVRS/Queen @ 3510'-88' (total of 120 new holes). Ac 02/16/00: RIH w/ 2 3/8" tbg, set @ 3582', RIH w/ 2 x 1 1/2 x 12 RWB0	give pertinent dates, including estimated date h wellbore diagram of proposed completion c holes @ 2.700' FS & 4 holes @ 1.589 cages: 400 sx Cl C (slurry-679 cu.ft) d as follows: spotted 12 sx @ cested sqz. pressure held. Ran cidized w/ 3000 gals 15% HCL. C pump. set @ 3708'.
COMPLETION CEMENT JOB OTHER: 12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and a of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attac or recompilation. 02/02/00: MIRUPU to repair csg leak between 570'-602' FS. Shot 4 sqz FS. Set cmt ret @ 1,521'. sqz'd the 5 1/2" x 8 5/8" annulus in 2 st & 175 sx Cl C (surry-253 cu.ft.), 5 sx circ 02/04-10/00: D.0. cmt. tested sqz. still had some leak-off. Re-sqz' 2702'(slurry-16.2 cu.ft.), 6 sx @ 1622'. & 12 sx @ 608'. D.0. cmt. t CML/GR/CCL, new WL PBTD @ 3738'. 02/11/00: Perf 7 RVRS/Queen @ 3510'-88' (total of 120 new holes). Ac 02/16/00: RIH w/ 2 3/8" tbg, set @ 3582'. RIH w/ 2 x 1 1/2 x 12 RWBC 02/29/00: 24 hr retest: 5 B0/ 33 BW/ 0 MCF. RIH w/ add. 4 jts tbg.	give pertinent dates, including estimated date h wellbore diagram of proposed completion tholes @ 2.700' FS & 4 holes @ 1.589 tages: 400 sx Cl C (slurry-679 cu.ft) d as follows: spotted 12 sx @ tested sqz. pressure held. Ran tidized w/ 3000 gals 15% HCL. C pump. set @ 3708'.
COMPLETION DTHER: 12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and g of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attac or recompilation. 02/02/00: MIRUPU to repair csg leak between 570'-602' FS. Shot 4 sqz FS. Set cmt ret @ 1,521'. sqz'd the 5 1/2" x 8 5/8" annulus in 2 st & 175 sx Cl C (surry-253 cu.ft.), 5 sx circ 02/04-10/00: D.0. cmt, tested sqz, still had some leak-off. Re-sqz' 2702' (slurry-16.2 cu.ft.), 6 sx @ 1622'. & 12 sx @ 608'. D.0. cmt, t CNL/GR/CCL, new WL PBTD @ 3738'. 02/11/00: Perf 7 RVRS/Queen @ 3510'-88' (total of 120 new holes). Ac 02/29/00: RIH w/ 2 3/8" tbg, set @ 3582'. RIH w/ 2 x 1 1/2 x 12 RWBC 02/29/00: 24 hr retest: 5 B0/ 33 BW/ 0 MCF. RIH w/ add. 4 jts tbg. erreby certify that the information above is true and complete to the best of my knowledge and beli	give pertinent dates, including estimated date h wellbore diagram of proposed completion tholes @ 2.700' FS & 4 holes @ 1.589 tages: 400 sx Cl C (slurry-679 cu.ft) d as follows: spotted 12 sx @ tested sqz. pressure held. Ran tidized w/ 3000 gals 15% HCL. C pump. set @ 3708'.
COMPLETION CEMENT JOB OTHER: OTHER: OTHER: 12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and a of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attac or recompilation. 02/02/00: MIRUPU to repair csg leak between 570'-602' FS. Shot 4 sqz FS. Set cmt ret @ 1.521'. sqz'd the 5 1/2" x 8 5/8" annulus in 2 st & 175 sx Cl C (surry-253 cu.ft.), 5 sx circ 02/04-10/00: D.0. cmt. tested sqz, still had some leak-off. Re-sqz' 2702'(slurry-16.2 cu.ft.), 6 sx @ 1622'. & 12 sx @ 608'. D.0. cmt. t CNL/GR/CCL, new WL PBTD @ 3738'. 02/11/00: Perf 7 RVRS/Queen @ 3510'-88' (total of 120 new holes). Ac 02/29/00: 24 hr retest: 5 B0/ 33 BW/ 0 MCF. RIH w/ 2 x 1 1/2 x 12 RWBC 02/29/00: 24 hr retest: 5 B0/ 33 BW/ 0 MCF. RIH w/ add. 4 jts tbg. Hereby certify that the information above is true and complete to the best of my knowledge and belief GNATURE Marchan TITLE Production Tec	give pertinent dates, including estimated date h wellbore diagram of proposed completion c holes @ 2.700' FS & 4 holes @ 1.589 cages: 400 sx Cl C (slurry-679 cu.ft) d as follows: spotted 12 sx @ cested sqz. pressure held. Ran cidized w/ 3000 gals 15% HCL. c pump. set @ 3708'. ief. h

Langlie Lynn Unit #2 Lea County, NM



GL Elevation: 3391'

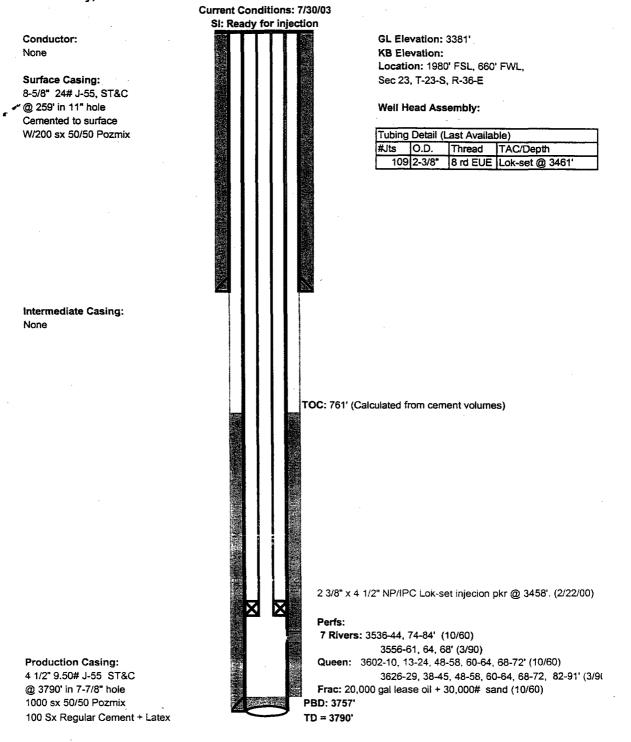
KB Elevation: 3400.6, 9.6' ACHF

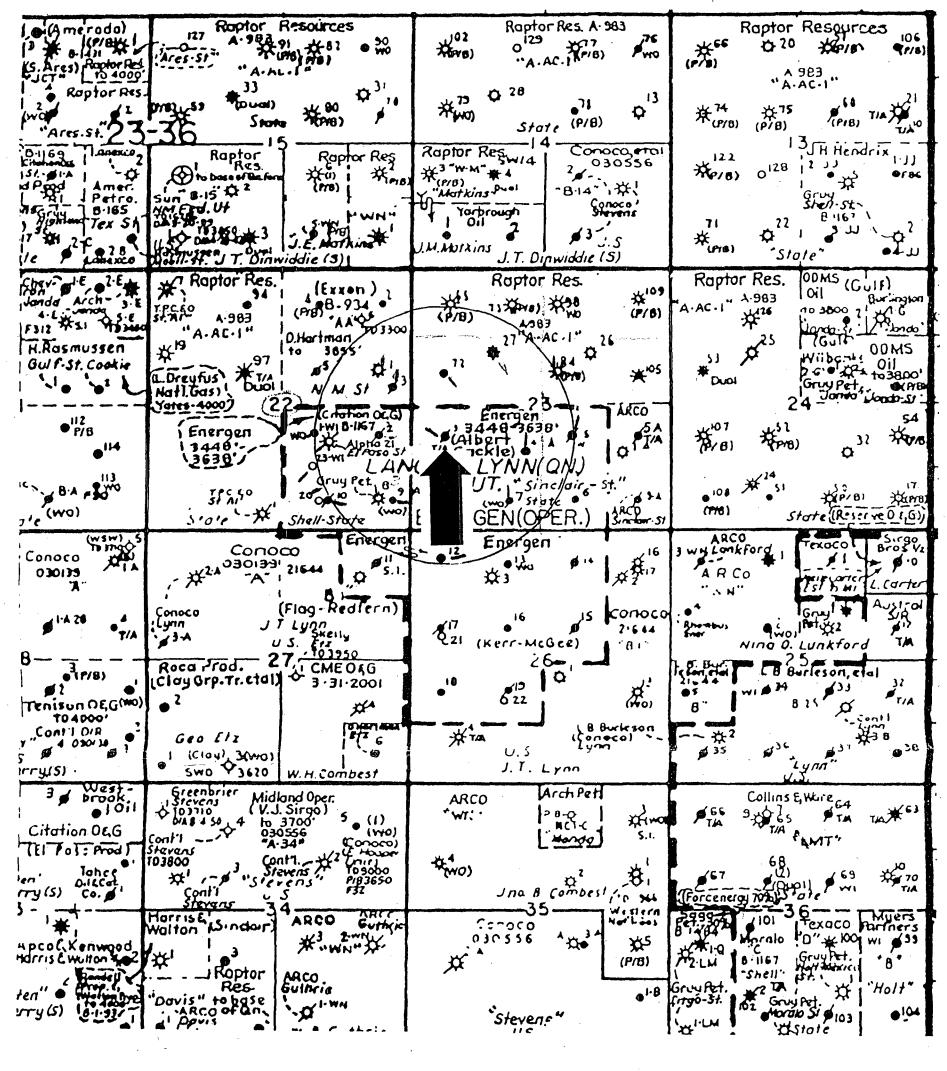
# JECTION WELL DATA SHEET

OPERATOR:		Energen R	esources	;					
WELL NAME & NUM	BER:	Langlie Ly	nn Queer	n Unit #3					
WELL LOCATION:	1980' FSL	660' FWL			L	23	T-23-S	R-36-E	Lea
	(Footage Locatio	n)			(Unit Letter)	(Section)	(Township)	(Range)	(County)
	ν.			a de la companya de l La companya de la comp					
			WELL	CONSTRU	CTION DATA				
				<u>Surface C</u>	asing				
Hole Size:	<u>11"</u>		_	-					
Casing Size:	8-5/8"		_						
Cemented with:	200		sack	(or)			_ft3		
Top of Cement:	Surface	·	-						
Method Determined:	Visual	<u></u>							
			P	roduction	Casing				
Hole Size:	6-1/4"								
Casing Size:	4-1/2"		-				х.		
Cemented with:	1100		- sacks	(or)			ft3		
Fop of Cement:	Unknown		<b>-</b> .				<b>-</b>		
Method Determined:			_						
Fotal Depth:	3790'		-						
			l	Injection II	nterval				
3490'	feet to	3691'			(Indicate wheth	er Open Hole	e or perforated)	perforated	
	-								
			Dro	nagad Tub	ing Dotoil		4	<b>.</b>	
ubing Size:	2-3/8" J-5		<u>P10</u>	Josed Tur	oing Detail				
.ining Material:		, astic Coate							
ype of Packer:	Baker "Lol				<u></u>				
acker Setting Depth:	3458'			· · · · ·					
Other Type of Tubing		I (if applica	_ ble):					·····	
									ı
Addititional Data								·	
. Is this a new well o	trilled for inj	ection?			No		•		
<sup>r</sup> no, for what purpos	e was the w	ell originally	drilled?		Oil and gas	5			
. Name of the Inject	ion Formatio	on:	-		Seven Rive	ers-Queen-	Grayburg		
. Name of Field or F	Pool (if appli	cable):	· `		Langlie Mat	ttix Seven	Rivers-Quee	en-Grayburg	<u> </u>
. Has the well ever I	peen perfora	ited in any o	other zone	e(s)?Lista	all such perforat	ted interval	ls and give p	lugging deta	ail,
e. sacks of cement of	or plug(s) us	ed.	No		· · · · · · · · · · · · · · · · · · ·		· · ·		
<u> </u>		<u> </u>	` <u>`</u>						
. Give the name and almat Yates Gas Zor					or overlying the		-	ie in this are	a:
· · · · · · · · · · · · · · · · · · ·					····				
Completion Record							•	I	
'erfs:		See attach	ned diagra	am	с., , ,			2	
cid, Shot, Fracture,	Squeeze:				······································				
		<u> </u>		·	·		<u></u>		
					·				
			•						4

District I	Minerais and Natural Resources	Revised March 25, 1999
1625 N. French Dr., Hobbs, NM 87240 District II OII CI	ONSERVATION DIVISION	LL API NO. 30-025-09388
District III	2040 South Pacheco	5. Indicate Type of Lease
1000 Rio Brazos Rd., Aztec, NM 87410 District 1V	Santa Fe, NM 87505	STATE I FEE
2040 South Pacheco, Santa Fe, NM 87505	6	5. State Oil & Gas Lease No.
SUNDRY NOTICES AND RE DO NOT USE THIS FORM FOR PROPOSALS TO DR DIFFERENT RESERVOIR. USE "APPLICATION FOR F PROPOSALS.) 1. Type of Well:	ILL OR TO DEEPEN OR PLUG BACK TO A PERMIT" (FORM C-101) FOR SUCH	7. Lease Name or Unit Agreement Name: Langlie Lynn Queen Unit
Oil Well Gas Well Other	Injection	3. Well No.
nergen Resources Corporation	l c	3
3. Address of Operator 3300 N. "A" St., Bldg 4, Ste. 100. Midle	1	9. Pool name or Wildcat anglie Mattix 7_RVRS/Queen/GB
4. Well Location	a a South I I	
		660 feet from the West line
	ownship 23S Range 36E ion (Show whether DR, RKB, RT, GR, etc.)	NMPM County Lea
IO. Eleval	Ion (Snow whether DR, KKB, KT, GR, etc.)	/
11. Check Appropriate	Box to Indicate <sub>l</sub> Nature of Notice, R	Report, or Other Data
NOTICE OF INTENTION 7 ERFORM REMEDIAL WORK D PLUG AND	O: SUBS	EQUENT REPORT OF:
	PLANS	
ULL OR ALTER CASING MULTIPLI COMPLE		
THER:		
<ol> <li>Describe Proposed or Completed Operations of starting any proposed work). SEE RULE or recompilation.</li> </ol>		
Note: Well was TA'd from injection	in 08/91.	
02/16-18/00: MIRUPU, tested 4 1/2" Peforated 7 RVRS/Queen @ 3490'-3536		
02/19/00: Found new PBTD to be @ 3	757'.	
02/22/00: RIH w/ 2 3/8" tbg & 2 3/ tested csg to 550# for 30 mins. no	8" x 4 1/2" "Lok-Set" injection pkr leak-off. RDPU. Waiting for reins	. Pkr set @ 3458'. Pressure tatement of injection permit.
		·
	· · · · · · · · · · · · · · · · · · ·	
ereby certify that the information above is true and co		
GNATURE U.S. Wyenaud	TITLE Production Tech.	DATE03/16/2000
pe or print name Denise Menoud		Telephone No. (915)687-2074
his space for State use)		
PPROVED BY	TITLE_	DATE

Langlie Lynn Unit #3 Lea County, NM



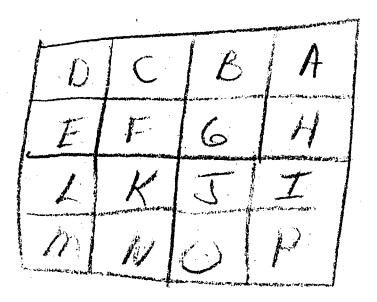


MILES



LANGLIE-LYNN #3 LANGLIE-LYNN UNIT LANGLIE-MATTIX FIELD

T23s – R36E Lea County, New Mexico HALF MILE RADIUS



	Conoco #1 #3 Orseen #3	16 13 Raptor Res A 282	19 Raptor Res : La Room Res 9	•: Raptor Res 01 FAAC.1-62 •	june	Race Frad Sum
	4 Conge Ouneniger		55 0 36 ************************************	• 3 <sup>1</sup> 4 1: ≯ <sup>54</sup> (#/●) • • • • • • • • • • • • • • • • • • •	1	
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	Densigen U 5 ***	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 1 1 1 0 <sup>14.4</sup> 0 <sup>4</sup>	ere a b fre	Contart Cores in Ching	1144
Ī	(Loneco, etal) Roptor Res U 303574 L A-117 - Lonecco B-1506 B-1506 B-16/cm	Primeil Ener. and 0(3	A TEA THE A COURCES	122 Rupter RCS A 263 2000 0127 257 26 1000 127 257 26 1000 127 257 26	Heren Citation Cit	Canada erat serat rest
Ī	Conversion States	Kaptor ets.	Pre], 59 €100mm1 34 50 ° -3 C Sinter Africa 1	₩ 0 28 -71 0'3 ₩ 100	•	
1	ONI MICLOSIONO Raptor Res		Raptor Rey Browner Artin Arg	Raptor Rec. 4 Concertant	Horse and the	1 10-1 11 10-1 11 10 10 10 10 10 10 10 10 10 10 10 10
	A 183 A	Event ettel 4 1 for a		J Cil 2 13-5 JT Dipwiddie (5)	ن اللَّرُونَّةُ مَنْ المَنْ الْمُ	U.S. Starter Street
I	(5-0-9 (15.4) 3 30:1:16 m . 8 20 W.K. Dron . (5.4) 5-Al (5.4) 5-Al	AAC-1 203 1511 01 191	μ         Rap'or Pes         (Essen)           34         (Essen)         (           1         ( <td>Raptar Res. 449 (Pro) 11500 446 (Pro) 4491 (Pro) 446 (Pro) 2***A*AC+1 26</td> <td>Parry Fes 1345 (Cult) 4.4C-1 4993 (Cult duringun 4.4C-1 2016 15 1845 (Cult duringun</td> <td>The Gruy Pert. of n 22</td>	Raptar Res. 449 (Pro) 11500 446 (Pro) 4491 (Pro) 446 (Pro) 2***A*AC+1 26	Parry Fes 1345 (Cult) 4.4C-1 4993 (Cult duringun 4.4C-1 2016 15 1845 (Cult duringun	The Gruy Pert. of n 22
ł	The Part Reptor	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	L Dreufust # Start			Refugeed T Domogra
	e e e e e e e e e e e e e e e e e e e	• • • • • • • • • • • • • • • • • • •	Sarra 4000) 22		5-01 St. 01: 400	
	Bill C. E. Charce ; i Linda K. Pros (n Lewalton) & DAS (i S Ted." Stare	SP Pac BA 250	The state of the s		1001 State (2017 + 20 13)	
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	Energen Oxy 12 1 39 n.B.P. 14 1730 U.1484 8 2 1	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	Gritter Midland Oper 4 311-1 (V J Sirago 3 4 4 4 10 Jingo (mil	ARCO Archiert	All and the same	Charles (a) (a) (a) (a) (b) (b) (b) (b) (b) (b) (b) (b) (b) (b
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	Citation OLG H.B.P 8:1167 	Polaris Prod. In prof. service 1 Guif gris a in the	Ci indiana aco cuma	,CT		
	va 1280 86 <u>11</u> Sigte	Where a ferry ist la 112	Bargering of United States	"Slever" US (12446 - 11 - Russian 14	e	Constant de la consta
	auto ricitto Matta Historia Original Kukuring Vi Original Tanaco Tanaco Tanaco Tanaco Tanaco Tanaco Tanaco Tanaco Tanaco	Semi-15*	Tenison Of,G to Soca'	Gruu Pet.	(AT 13) (AT 15) (AT 15)	
	R.G. Bartan Jr. 7. 20. 99	Price of the second sec	•3 • US • • • • • • • • • • • • • • • • •	Gruy Pet. Texaco	Too yaaraa a thing he de	Ons from the second sec
	1 <sub>4</sub> -	14:5 Ferry (5)	Trin a state a	in the second se	A Class Kits 2 2 2 2 2 4 m (2) (Crump) 4 2 2 2 2 4 m (2) (Crump) 4 3 2 2 2 4 m (2) (Crump) 4 4 2 2 2 2 4 m (2) (Crump) 4 4 2 2 2 2 4 m (2) (Crump) 4 4 2 2 2 2 4 m (2) (Crump) 4 4 2 2 2 2 4 m (2) (Crump) 4 4 2 2 2 2 4 m (2) (Crump) 4 4 2 2 2 2 4 m (2) (Crump) 4 4 2 2 2 2 4 m (2) (Crump) 4 4 2 2 2 2 4 m (2) (Crump) 4 4 2 2 2 2 4 m (2) (Crump) 4 4 2 2 2 2 4 m (2) (Crump) 4 4 2 2 2 2 4 m (2) (Crump) 4 4 2 2 2 2 2 4 m (2) (Crump) 4 4 2 2 2 2 2 4 m (2) (Crump) 4 4 2 2 2 2 2 2 4 m (2) (Crump) 4 4 2 2 2 2 2 2 2 2 2 m (2) (Crump) 4 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	And
	Was Parry (S)	FL Whiten etal	TE, Couts, etat Mai Euro B ₩iumi B Bi Wes Permy (S)	10,5850 10,100	indi - Cracer	

MILES



LANGLIE-LYNN #3 LANGLIE-LYNN UNIT LANGLIE-MATTIX FIELD T23s – R36E Lea County, New Mexico TWO MILE RADIUS

### ... JECTION WELL DATA SHEET

)PERATOR:	(	Energen R	esources	·					
VELL NAME & NUM	BER:	Langlie Lyr	nn Queen	Unit #7					
VELL LOCATION:	660' FSL,	1980' FWL			N	23	T-23-S	R-36-E	Lea
	(Footage Location	n)			(Unit Letter)	(Section)	(Township)	(Range)	(County)
			WELL (	CONSTRU	CTION DATA				
				<u>Surface C</u>	<u>asing</u>				
lole Size:	11"								
Size:	8-5/8"								
cemented with:	275		sacks	(or)	·		_ft3		
op of Cement:	Surface						1		
fethod Determined:	Visual								
			n	un di catin u	Casing				
lole Size:	6-3/4"		<u> </u>	roduction	Casiliy				
asing Size:	<u></u>	·····							
cemented with:	<u>4-1/2</u> 1778		sacks	(01)			ft3		
op of Cement:	Surface		Sacks	(or)		· · · · · · · · · · · · · · · · · · ·			
lethod Determined:	Visual								
otal Depth:	3800'								
	<u></u>			uio dia m lu					
			<u>11</u>	njection Ir	itervai				
3510'	feet to	3682'			(Indicate whethe	er Open Hole	or perforated)	perforated	
			Pror	osed Tub	ing Dotail			ł	
ubing Size:	2-3/8" J-55	:	<u> </u>	Josed Tub	ing Detail				
ining Material:	······	, astic Coated							
ype of Packer:	Baker "Lok				c		¥.		
acker Setting Depth:	± 3350'	-361							
ther Type of Tubing		l (if applicab	le):				<u></u>		
ddtitional Data									
. Is this a new well d	frilled for init	ection?			No				
no, for what purpose	-		drilled?		Oil and gas				
Name of the Inject				Seven F	Rivers-Queen-G				
Name of Field or P					Mattix Seven R		en-Grayburg		
Has the well ever b	peen perfora	ited in any o	ther zone	e(s)? List a	Il such perforat	ed interval	s and give p	lugging deta	il,
e. sacks of cement of	or plug(s) us	ed.	No					,	
<b></b>		· · · · · · · · · · · · · · · · · · ·				···			
Give the name and almat Yates Gas Zor				inderlying o	or overlying the	proposed i	injection zon	e in this are	a:
annat rates Gas 201		ppiox. 3040			· · · · · · · · · · · · · · · · · · ·				<u>`</u>
ompletion Record									
erfs:		See attach	ed diagra	m					
cid, Shot, Fracture,	Squeeze:	anaon	Ja alagia					· · · · · · · · · · · · · · · · · · ·	
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·····		•*************************************			· · · · · · · · · · · · · · · · · · ·				<u>.</u>
								•	

<sup>1</sup> Subtrit 3 Copies to Appropriate District Office	State of New Mex Ene, Minerals and Natural Res			C-103 ed 1-1-89
DISTRICT I P.O. Box 1980, Hobbs, NM 88240	OIL CONSERVATION P.O. Box 2088		WELL API NO. 30-025-0931	
DISTRICT II P.O. Drawer DD, Artesia, NM 88210	Santa Fe, New Mexico 8	7504-2088	5. Indicate Type of Lease STATE X	
DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410			6. State Oil & Gas Lease No. 23267	FEE
( DO NOT USE THIS FORM FOR PRO DIFFERENT RESEF (FORM C	ICES AND REPORTS ON WELL DPOSALS TO DRILL OR TO DEEPEN O RVOIR. USE "APPLICATION FOR PERI -101) FOR SUCH PROPOSALS.)	OR PLUG BACK TO A	7. Lease Name or Unit Agreement N Langlie Lynn Queen	
1. Type of Well: OIL OL OLS WELL	other Conver	t to WIW		
2. Name of Operator			8. Well Na.	
Energen Resources Cor	poration		.7	
•	Ste 100, Midland, TX 7	9705	9. Pool name or Wildcat Langlie Mattix 7 RVRS	10
Unit Letter <u>N</u> : <u>600</u> Soction 23	Feet From The South Township 23S Ran 10. Elevation (Show whether D		Feet From The We NMPM Lea	StI
	Appropriate Box to Indicate N		eport, or Other Data SEQUENT REPORT OF	
NOTICE OF INT		רושני		
				•
		REMEDIAL WORK		•
				ING
		REMEDIAL WORK	ALTERING CAS	ING

mike wse, pressure test casing to 500 psi for 30 minutes. Re-perforate the 7 RVRS/Queen, acidize w/ 3,000 gals. Run injection packer and tubing, perform casing integrity test and begin water injection.

knowledge and belief.	
Prod. Tech.	DATE 3/13/2000
	TELEPHONE NO. 915-687-2
	DATE
	Prod. Tech.

# ENERGEN RESOURCES, INC. Langlie Lynn Unit #7 Lea County, NM Current Conditions: 10/31/2001 KB Elevation: 3385'

Conductor: None

Surface Casing: 8-5/8" 24# J-55, ST&C @ 271' in 11" hole Cemented to surface W/150 sx 50/50 Pozmix



GL Elevation: 3374' KB Elevation: 3385' Location: 660' FSL, 1980' FWL,

Sec 23, T-23-S, R-36-E Spud: 11/14/1962 Completed: 11/23/1962 API No: 30-025-09391

### Tubing Detail (Last Av

	Weight	TAC/Depth	Thread	O.D.	#Jts
4.7		T	EUE	2-3/8"	109
			EUE	2-3/8"	109

### Packer Detail (Last Av.

2-3/8" x 4-1/2" NP/IPC Lok-5

3510-20, 30-38, 50-58, 60-64, 70-3600' (1/99) Perfs: 3548-50, 64-66, 82-84, 3605-07, 08-10, 16-18, 24-26, 28-30, 42-44, 3648-50, 53-55, 59-61, 66-68, 80-82 3608, 12, 19, 23, 28, 36, 40, 48, 52 (11/62)(re-perf 5/84

Frac: 20,000 gal lease oil + 28,000# sand (11/62) PBD: 3775'

TD = 3800\*

Intermediate Casing: None

Production Casing: 4 1/2" 9.50# J-55 ST&C @ 3800' in 6-3/4" hole 1728 sx 50/50 Pozmix 50 sx Regular cement + Latex Cement Circulated

Conoco d' 73 013964 73	Á 981	13 Reptor Res	A Jos	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Rora Frad Sun Ficigy France
s e Sonese Demeninger	M <sup>14</sup> wo I j <sup>22</sup> wo I j <sup>22</sup> (A→eee ½2)	2(ma) (5/e)	• ٢٠ (•/•1 مربع) المعاد ال	war Steries and a star and a star and a star	
B Beert (16) \$	10 124 art. 5000'	Sange 10		ten duyte + i (Clayarp. Friend)	Coneco "Streat"
Danciper US # <sup>2</sup>				Conti toni Coreca	Byta Salaman C, J W Wire 15
(Lenera etal) Rootar Resis USOSS74	Comeli ( and a ( ) marstal)	A 194 Harris	Ruster Res 4 941	Reptor Resources	Canaca erat and and and
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LANGLIE-LYNN #7 LANGLIE-LYNN UNIT LANGLIE-MATTIX FIELD T23s – R36E Lea County, New Mexico TWO MILE RADIUS

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LANGLIE-LYNN #7 LANGLIE-LYNN UNIT

LANGLIE-MATTIX FIELD T23S – R36E Lea County, New Mexico HALF MILE RADIUS

OPERATOR:	Energen F	Resources					····
WELL NAME & NUM	BER: Langlie Ly	nn Queen Unit #8					
WELL LOCATION:	660' FSL, 660' FWL		M	23	T-23-S	R-36-E	Lea
•	(Footage Location)		(Unit Letter)	(Section)	(Township)	(Range)	(County)
		WELL CONSTR	UCTION DATA				
	·	Surface	Casing				
Hole Size:	11"				`		
Casing Size:	8-5/8"	-					
Cemented with:	150	_sacks (or)	<u></u>	·····	_ft3		
Top of Cement:	Surface	-					
Method Determined:	Visual	-					
		Productio	n Casing				
Hole Size:	6-3/4"						
Casing Size:	4-1/2"						
Cemented with:	1926				_ft3		
Top of Cement:	Surface	_					
Method Determined:	Visual						
Total Depth:	3712'	-					
		Injection	Interval				
		injection	mervar				
3482'	feet to 3673'		(Indicate whethe	er Open Hol	e or perforated)	perforated	
·						· · · · · · · · · · · · · · · · · · ·	
					. •		
		<u>Tubing</u>	<u>Detail</u>				
Tubing Size:	2-3/8"						
Lining Material: Type of Packer:							
Packer Setting Depth:	<u></u>						
	Casing Seal (if applica	ble):			·		
3							
	•						
1. Is this a new well o	Irilled for injection?		No				
	e was the well originally	/ drilled?	Oil and gas		·····		
2. Name of the Inject			n/a				·····
3. Name of Field or P	ool (if applicable):		Langlie Mat	ttix Seven	<b>Rivers-Quee</b>	en-Grayburg	
A Has the well over t	son porfereted in any	other rene(a)? I is		ad interne	la and alua a	humatan alata	. 11
I.e. sacks of cement of	peen perforated in any e						Ш,
no. Sound of Comony C	n piag(3) asea.	<del></del>					
	••••••••••••••••••••••••••••••••••••••						<u></u>
	depths of any oil or ga		or overlying the	proposed	injection zon	e in this are	a:
Jalmat Yates Gas Zor	ne, Top @ approx. 304	0'					
		·			·		, ,,,,,,,,,,,,,,,,,,,,,_
Completion Record							
Perfs:	See attack	ned diagram					
Acid, Shot, Fracture,	-						
		······································			······································		
·		· · · · · · · · · · · · · · · · · · ·					•

Current Conditions: Jan-99 Active-Pumping

Langlie Lynn Unit #8 Lea County, NM

Conductor: None

Surface Casing: 8-5/8" 24# J-55, ST&C @"272' in 11" hole Cemented to surface W/150 sx 50/50 Pozmix

Intermediate Casing: None

Production Casing: 4 1/2" 9.50# J-55 ST&C @ 3712' in 6-3/4" hole 1876 sx 50/50 Pozmix 50 sx Regular cement + Latex Cement Circulated Perfs: 3533,58, 69, 80, 89, 92, 96, 3604, 12, 16, 32, 38, 43, 47, 54, 58, 61, 70, 73 Frac: 20,000 gal lease oil + 28,000# sand (11/62) PBD: 3695'

GL Elevation: 3358' KB Elevation: 3370'

Sec 23, T-23-S, R-36-E

Well Head Assembly:

Location: 660' FSL, 660' FWL,

Note: Records indicate 18' corroded mud anchor left in hole (8/87)

TD = 3712'

OPERATOR:		Energen R	esource	es					
WELL NAME & NUM	BER:	Langlie Lyr	n Quee	en Unit #10					
WELL LOCATION:	660' FSL, (Footage Locatio				O (Unil Letter)	22 (Section)	T-23-S (Township)	R-36-E (Range)	Lea (County)
			WELL		CTION DATA				
Hole Size:	9-7/8"			<u>Surface Ca</u>	asing				
Casing Size:	7-5/8"								
Cemented with:	225	· · · · · · · · · · · · · · · · · · ·	sacks	(or)			_ft3		
Top of Cement:	Surface								
Method Determined:	Visual								
				Production	Casing				
Hole Size:	6-3/4"								
Casing Size:	4-1/2"			•					
Cemented with:	200		sacks	(or)	,		_ft3		
Top of Cement:	Unknown								
Method Determined: Total Depth:	3812'								
				Injection In	terval				
	(not to					<b>.</b>	<i>.</i>		
P&A	_ feet to	······			(Indicate wheth	er Open Hol	e or perforated)		
	,			Tubing D	etail	,	ž		
Tubing Size:			_						
Lining Material:		· · · · · · · · · · · · · · · · · · ·							
Type of Packer:									
Packer Setting Depth: Other Type of Tubing	/Casing Se	al (if applicat	ole):			'.			
Addtitional Data									
1. Is this a new well o	-				No				
If no, for what purpos 2. Name of the Inject		- •	drilled?	, 	Oil and gas n/a	i			
<ol> <li>Name of Field or F</li> </ol>						ttix Seven	Rivers-Que	en-Gravburg	
4. Has the well ever l	· , · ·			ne(s)? List a					
I.e. sacks of cement of		-							-
Old perfs in interval fr			7-2-86		· · · · · · · · · · · · · · · · · · ·				
See attached sheet for	or plugging	detail							
<u></u>									
5. Give the name and Jalmat.Yates Gas Zoo	-			s underlying o	or overlying the	proposed	injection zor	ne in this are	a:
Completion Record				<u></u>	<u></u>				
Perfs:		See attach	ed diar	uram					
Acid, Shot, Fracture,	Squeeze:				·····				· · · · · · · · · · · · · · · · · · ·
				· · · · · · · · · · · · · · · · · · ·					
								· · · · · · · · · · · · · · · · · · ·	

NO. OF COPIES RECEIVED	Form C-103
DISTRIBUTION	Supersedes Old , C+102 and C+103
SANTA FE NEW MEXICO OIL CONSERVATION COMMISSION	Effective 1-1-65
FILE	· · · · · · · · · · · · · · · · · · ·
U.S.G.3.	Sa. Indicate Type of Lease
LAND OFFICE	State Fas
OPERATOR	5. State Cil & Gas Lease No.
	6-1167
SUNDRY NOTICES AND REPORTS ON WELLS (00 NOT USE THIS FORM FOR POPOSALS TO GRILL OR TO GEEPEN OR FLUG ACK TO A DIFFERENT RESERVOIR, USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS,)	
ait and other. This well	7. Unit Agreement Name
2. Name of Operator	8. Fam or Lease Name
CONOCO INC.	Hanglie Lynn Queer
2. Address of Operator P. O. Box 460, Hobbs, N.M. 88240	9. Well/No.
4. Location of Well	10. Fleid and Pool, or Wildow
UNIT LETTER 1640 PEET FROM THE SOUTH LINE AND 1650 PEET PR	Langlie Matix 78,
THE <u>EAST</u> LINE, DECTION <u>22</u> TOWNENCE <u>235</u> RANGE <u>36E</u> W	• AIIIIIIIIIIIIIIIII
	- unnnn HHHH
15. Elevation (Show whether DF, RT, CR, etc.)	12. County
	Leg AIIIII
Check Appropriate Box To Indicate Nature of Notice, Report or C NOTICE OF INTENTION TO:	Ither Data NT REPORT OF:
PERFORM REMEDIAL WORK	ALTERINS CARINS
TEMPORARILY ABANDON COMMENCE DRILLING OPHS.	PLUG AND ASANDONUEN
PULL OA ALTER CASING CHANGE PLANS CASING TEST AND CEMENT JOB	
ABHTO	
17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, includ	ng estimated date of statting any pro
work) SEE RULE'I (3.	
<ul> <li>D MIRU on 7-1-86. Poot w/ the</li> <li>Set CIBP @ 3600', Displace hole w/mud, Se</li> <li>top of plug after waiting on cmt 35 hrs. (To</li> <li>Bullhead 300 sxs class "C" cmt down 45 csg, out 758" csg. Installed P&amp;A marker.</li> <li>B Rig down on 7-2-86.</li> </ul>	
(2) Sal CIPRE 2000 Decoloce lade W/mind Se	Liscust plugs Ta
a set CIBI a sour, pispiace hore wind, se	Schul plogs. 120
top at plug atter waiting on cmt Jahrs, (To	p@1140')"
(3) Rillhand 300 sys class "( 11 cmt down 41/2 reg.	had anod return
C Donnead Deo 325 Chass C cm Crown r 2 C37)	1000
Out 178" CSq. Installed PEA Marker,	-
(A) Rig Jown on 7-2-86	
	x
13. I hereby certify that the information above is true and complete to the best of my knowledge and belief.	
to the second method with the support to the and complete to the dest of my knowledge and dester.	· · · ·
	7-18-86
signes Clark Haubrand TITLE Administrative Supervisor	7-18-515
stanco Colle Contractor rire Administrative Supervisor	7-18-315
Administrative Supervisor	7-18-86

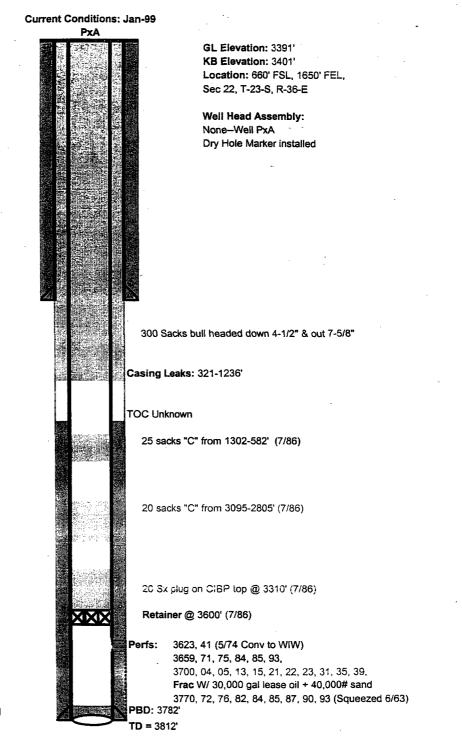
Langlie Lynn Unit #10 Lea County, NM

Conductor: None

Surface Casing: 7-5/8" 32# H-40, ST&C @"307' in 11" hole Cemented to surface W/225 sx Regular Neat

Intermediate Casing: None

Production Casing: 4 1/2" 10.5 & 11.6# J-55 ST&C @ 3800 " in 6-3/4" hole 200 Sx Regular Cement + 4% gel



OPERATOR:		Energen	Resourc	es					
WELL NAME & NUM	BER:	Langlie L	ynn Que	en Unit #11					
WELL LOCATION:	660' FNL	, 660' FEL		1	А	27	T-23-S	R-36-E	Lea
	(Footage Locat	on)			(Unit Letter)	(Section)	(Township)	(Range)	(County)
			WEL	L CONSTRU	CTION DATA		•	,	
				Surface C					
Hole Size:	11"			<u></u>	<u></u>				
Casing Size:	7-5/8"								
Cemented with:	200		sacks	(or)			ft3		
Fop of Cement:	Surface				· · · · · ·				
Method Determined:	Visual								
				Production	Casing				
Hole Size:	6-3/4"								
Casing Size:	4-1/2"								
Cemented with:	300		 sacks	(or)			ft3		
Γop of Cement:	Unkhown			- /	· · · · · · · · · · · · · · · · · · ·	•	_		
Method Determined:									
Fotal Depth:	3730			. ,					
				Injection Ir	nterval				
	f + + -	0000							
3532'	_ feet to	3698'	· · · · · · · · · · · · · · · · · · ·		(Indicate wheth	er Open Hol			
	x						਼ਿ	k	
				<u>Tubing D</u>	etail		·		
Tubing Size:	2-3/8"		_	,	. •				
.ining Material:		•							
Sype of Packer:	<u> </u>	·		······································					
acker Setting Depth:	<u></u>								
Other Type of Tubing	/Casing Se	al (if applic	able):						
Addtitional Data									
		O							
. Is this a new well of no, for what purpos		-	hy drillod	>	No Oil and gas	•			
. Name of the Inject		-	ly united	· · · · · · · · · · · · · · · · · · ·	n/a				
<ol> <li>Name of Field or F</li> </ol>			·····			ttix Seven	Rivers-Quee	en-Gravhurg	
								in oldyburg	
. Has the well ever l			other zo	one(s)? List a	all such perforat	ted interva	ls and give p	lugging deta	ail,
e. sacks of cement of	or plug(s) u	sed.				· · · · · · · · · · · · · · · · · · ·	, 	<u></u>	
. Give the name and	denths of	any oil or c	195 7000		or overlying the	nronosod	injection zer	o in this are	····
almat Yates Gas Zo						•	-		
			<del>184 - Inc. and a second s</del>						
Completion Record									
'erfs:		See attac	ched dia	gram		····		·	
cid, Shot, Fracture,	Squeeze:							·	
	7077 <sup>-</sup> 0		· · · · ·						· · · ·
	•			· .					
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P.O. Box 2088 STRICT II Derwer DD, Arceia, NM 83210 SITE CT II ORNO BRAZOR Rd., Azec, NM 87410 SUNDRY NOTICES AND REPORTS ON WELLS DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOR. USE 'APPLICATION FOR PERMIT (FORM C-101) FOR SUCH PROPOSALS.) Type of Well: OL GAS Type of Well: O	ELL API NO. <u>30-025-20335</u> Iodicate Type of Lease STATE FEE State Oil & Gas Lease No. 23267 Lease Name or Unit Agreement Name Lease Name or Unit Agreement Name Description Of the Unit Agreement Name Description Of the Data EQUENT REPORT OF: ALTERING CASING
P.O. Box 2088 STRICT II Derwer DD, Arceia, NM 83210 SITE CT II ORNO BRAZOR Rd., Azec, NM 87410 SUNDRY NOTICES AND REPORTS ON WELLS DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOR. USE 'APPLICATION FOR PERMIT (FORM C-101) FOR SUCH PROPOSALS.) Type of Well: OL GAS Type of Well: O	30-025-20335 Iodicate Type of Lease STATE FEE State Oil & Gas Lease No. 23267 Lease Name or Unit Agreement Name Lease Name or Unit Agreement Name Lease Name or Unit Agreement Name Mell No. 13 Pool name or Wildcat anglie Mattix 7 RVRS/Queen Feet From The East FM Lea Cou Drt, or Other Data EQUENT REPORT OF:
Drawer DD, Artesia, NM \$8210       3         TRICT III       SUNDRY NOTICES AND REPORTS ON WELLS         DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)         Type of Well:       GLS         OL       WELL         OTHER       Name of Operator         Energen Resources Corporation       8         Address of Operator       9         Usit Lease       C         10. Elevation       10. Elevation (Show whether DF, RKB, RT, GR, etc.)         Check Appropriate Box to Indicate Nature of Notice, Rep         NOTICE OF INTENTION TO:       SUBSI         NOTICE OF INTENTION TO:       SUBSI         NEFORM REMEDIAL WORK       PLUG AND ABANDON         LOR ALTER CASING       CASING TEST AND CEMI         DEscribe Proposed or Completed Operations (Clearly state all periment details, and give periment datas, including	Indicate Type of Lease STATE FEE State Oil & Gas Lease No. 23267 Lease Name or Unit Agreement Name Lease Name or Unit Agreement Name Difference of Unit Agreement Name Lease Name or Unit Agreement Name Name Difference of Unit Agreement Name Difference o
No Rio Braze R4, Azec, NM \$7410       SUNDRY NOTICES AND REPORTS ON WELLS         DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)       Type of Well:         Ot       GAS       OTHER         Name of Operator       States of Operator       States of Operator         Name of Operator       States of Operator       States of Operator         Joint Letter       C       660       Foer From The       North       Line and       1980         Vell Letter       C       660       Foer From The       North       Line and       1980         Section       26       Township       23S       Range       36E       No         NOTICE OF INTENTION TO:       Check Appropriate Box to Indicate Nature of Notice, Rep       NOTICE OF INTENTION TO:       SUBSI         NFORM REMEDIAL WORK       X       PLUG AND ABANDON       REMEDIAL WORK       COMMENCE DRILLING C         LOR ALTER CASING       CASING TEST AND CEMI       CASING TEST AND CEMI       OTHER:       OTHER:         Describe Proposed or Completed Operations (Clearly state all perlinent details, and give perlinent dates, including, including       OTHER:       Including	State Oil & Gas Lease No. 23267 Lease Name or Unit Agreement Name Lease Name or Unit Agreement Name Lease Name or Unit Agreement Name Well No. 13 Pool name or Wildcat anglie Mattix 7 RVRS/Queen Feet From The East FM Lea Cou Drt, or Other Data EQUENT REPORT OF:
DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A       Type of Vell:         OL       CFORM C-101) FOR SUCH PROPOSALS.)         Type of Well:       OX         OL       CAS         WELL       OTHER         Name of Operator       S         Chergen Resources Corporation       Address of Operator         3300 N. A St, Bldg 4, Ste 100, Midland, TX 79705       L         Well Locatioa       Unit Letter       C         Unit Letter       C       660         Forwaship 23S       Range       36E         Section       26       Township 23S       Range         Check Appropriate Box to Indicate Nature of Notice, Rep       NOTICE OF INTENTION TO:       SUBSI         NFORM REMEDIAL WORK       X       PLUG AND ABANDON       REMEDIAL WORK         LOR ALTER CASING       CHANGE PLANS       COMMENCE DRILLING OF CASING TEST AND CEMILING OF THER         DESCRIPTE PROPOSED OF COMpleted Operations (Clearly state all periment details, and give periment dates, including       CASING TEST AND CEMILING OF THER	Anglie Lynn Queen Unit         Well No.         13         Pool name or Wildcat         anglie Mattix 7 RVRS/Queen         Feet From The         East         FM       Lea         Court, or Other Data         EQUENT REPORT OF:
DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A       Type of Vell:         OL       CFORM C-101) FOR SUCH PROPOSALS.)         Type of Well:       OX         OL       CAS         WELL       OTHER         Name of Operator       S         Chergen Resources Corporation       Address of Operator         3300 N. A St, Bldg 4, Ste 100, Midland, TX 79705       L         Well Locatioa       Unit Letter       C         Unit Letter       C       660         Forwaship 23S       Range       36E         Section       26       Township 23S       Range         Check Appropriate Box to Indicate Nature of Notice, Rep       NOTICE OF INTENTION TO:       SUBSI         NFORM REMEDIAL WORK       X       PLUG AND ABANDON       REMEDIAL WORK         LOR ALTER CASING       CHANGE PLANS       COMMENCE DRILLING OF CASING TEST AND CEMILING OF THER         DESCRIPTE PROPOSED OF COMpleted Operations (Clearly state all periment details, and give periment dates, including       CASING TEST AND CEMILING OF THER	Anglie Lynn Queen Unit         Well No.         13         Pool name or Wildcat         anglie Mattix 7 RVRS/Queen         Feet From The         East         FM       Lea         Court, or Other Data         EQUENT REPORT OF:
Type of Well:       Other         WELL       WELL         Name of Operator       S         Chergen Resources Corporation       Address of Operator         Address of Operator       S         3300 N. A St, Bldg 4, Ste 100, Midland, TX 79705       L         Well Location       Unit Letter         Unit Letter       C         Section       26         * Township       23S         Range       36E         North       Line and         10. Elevation (Show whether DF, RKB, RT, GR, etc.)         Check Appropriate Box to Indicate Nature of Notice, Repp         NOTICE OF INTENTION TO:       SUBSI         AFORM REMEDIAL WORK       PLUG AND ABANDON         REFORM REMEDIAL WORK       PLUG AND ABANDON         REFORM REMEDIAL WORK       COMMENCE DRILLING CO         CASING TEST AND CEMILING CO       CASING TEST AND CEMILING CO         LOR ALTER CASING       OTHER:         Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including	Well No. <u>13</u> Pool name or Wildcat anglie Mattix 7 RVRS/Queen Feet From The <u>East</u> FM Lea Cou Drt, or Other Data EQUENT REPORT OF:
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Unit Letter <u>C</u> : <u>660</u> Feet From The <u>North</u> Line and <u>1980</u> <u>Section</u> <u>26</u> <u>Township</u> <u>23S</u> <u>Range</u> <u>36E</u> <u>NN</u> <u>10. Elevation (Show whether DF, RKB, RT, GR, etc.)</u> Check Appropriate Box to Indicate Nature of Notice, Rep NOTICE OF INTENTION TO: <u>SUBSE</u> SUBSE REPORM REMEDIAL WORK <u>N</u> PLUG AND ABANDON <u>REMEDIAL WORK</u> REPORARILY ABANDON <u>CHANGE PLANS</u> <u>COMMENCE DRILLING O</u> L OR ALTER CASING <u>CASING TEST AND CEME</u> HER: <u>Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including</u>	EQUENT REPORT OF:
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Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, includin,	BOF IN
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work) SEE RULE 1103.	estimated date of starting any proposed
MIRU WSU, pull production equipment. Re-perforate the 7 RVRS @ 3,466'-72', and @ 3,496'-3,504'. Acidize w/ 3,000 gals. F	
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	-
creby certify that the information above is true and complete to the best of my knowledge and belief.	

TYPE OR PRINT NAME	Denise Menoud	TELEPHONE NO. 915-687-2
(This space for State Use)		
	URIGINAL SIGNED BY CHRIS WILLIAMS	DATE

DATE -

ORIGINAL SIGNED BY CHRIS WILLIAMS .

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY -

**Current Conditions: Jan-99** 

Langlie Lynn Unit #13 Lea County, NM

Conductor: None

Surface Casing: 7-5/8" 24# Smls, ST&C @"318' in 11" hole Cemented to surface W/200 sx 50/50 Pozmix

Intermediate Casing: None

Production Casing: 4 1/2" 9.50# J-55 ST&C @ 3700' in 6-3/4" hole 250 sx "C" Neat Active-Pumping TOC: 2500' by TS Perfs:

GL Elevation: 3376' KB Elevation: 3386' Location: 660' FNL, 1980' FWL, Sec 26, T-23-S, R-36-E

Well Head Assembly:

Recommended perfs: 3444-52, 3498-3508'

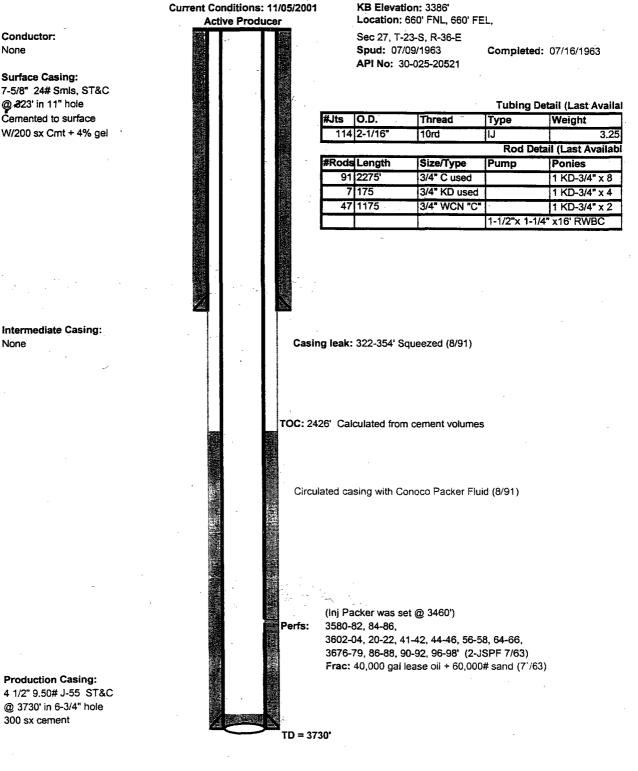
s: 3518-20, 38-40, 50-52, 62-64, 71-73, 79-81, 85-87, 97-99 3612-14, 16-18, 36-38 (2 JSPF)

Frac: 25,000 gal lease oil + 31,500# sand (5/63)

PBD: TD = 3700'

Different PL       OIL CONSERVATION DIVISION P.O. Box 2088       WELLATION 30-025-2021         STRICTI PLO Brave DD, Analia, NM 8210       Santa Pe, New Mexico 87504-2088       30-025-2021         STRICTI PLO Brave DD, Analia, NM 8210       Santa Pe, New Mexico 87504-2088       3: Indices Type of Lates STATES         SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THE PORK FOR PROPOSALS TO DEAL OR TOO DEEPEN OR PLUG BACK TOA DIFFERENT RESERVART. USE APPLICATION FOR PERMIT (FORM CHO) FOR SUCH PROPOSALS       T. Lass Name of Unit Agreement Name 21: Allow of Weilt Weilt (String)         1. Type of Weilt Weilt (String)       One       8. Weilt Name 1: Langlie Lynn Queen Unit Agreement Strong Corporation       8. Weil Na 1: Langlie Lynn Queen Unit Agreement Name 2: Mane of Operator 3300 N. A St. Bldg 4, Ste 100, Midland, TX 79705       1. Mediana of Wided 3300 N. A St. Bldg 4, Ste 100, Midland, TX 79705       1. Mergin Mexics Of Fore The East         Location Weilt Location 2: Mean of Operator 3: Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF: PERPORM REMEDIAL WORK I ALTERING CASING COMMENCE DRILLING OPERIC OF INTENTION TO: SUBSEQUENT REPORT OF: PERPORM REMEDIAL WORK I ALTERING CASING COMMENCE DRILLING OPERIC OF INTENTION TO: SUBSEQUENT REPORT OF: PERPORM REMEDIAL WORK I ALTERING CASING COMMENCE DRILLING OPERIC OF INTENTION TO: SUBSEQUENT REPORT OF: PERPORM REMEDIAL WORK I ALTERING CASING COMMENCE DRILLING OPERIC ALTERING CASING COMMENCE DRILLING OPERIC ALTER STAND CEMENT ADD CE	Submit 3 Copies to Appropriate District Office	En., Minerals and N	atural Resources Department		C•103 d 1•1-8
P.O. Box 2088       P.O. Box 2088         STRICTIL       Santa Fe, New Mexico 87504-2088         P.O. Bower DD, Arusia, NM 87410       S. Indicat Type of Lease         SUBTRICTIL       Santa Fe, New Mexico 87504-2088         SUBTRICTIL       S. Subt OK do Latasa No.         SUBDRY NOTICES AND REPORTS ON WELLS       6. Subt OK do Latasa No.         COD NOT USE THIS FOR HOR PROPONSING TO PRILOR TO DEFERS ON WELLS       7. Laas Name of Usa Agreement Name         1. Type of Well:       Contact Type of Well:       Subt OK do Latasa No.         2. Name of Operator       Resources Corporation       8. Well No.         3. Address of Operator       S. Pool and ew Wilder       11         3. Address of Operator       S. Pool and ew Wilder       11         3. Address of Operator       S. Pool and ew Wilder       11         3. Address of Operator       S. Pool and ew Wilder       11         3. Address of Operator       S. Pool and ew Wilder       11         3. Address of Operator       S. Pool and ew Wilder       11         3. Address of Operator       S. Pool and ew Wilder       11         3. Address of Operator       S. Pool and ew Wilder       12         3. Address of Operator       S. Pool and ew Wilder       12         3. Will A Tremain Cashing       Sont Tremato A	DISTRICT I	OIL CONSERV	ATION DIVISION		
District III Converted District III District IIII District IIII District IIII District IIII District IIIII District IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII		P.O.	Box 2088		
International Strates Rd, Azec, NM 57410 <b>6</b> Sub Obstates Rd, Azec, NM 57410 <b>6</b> Sub Obstates Rd, Azec, NM 57410 <b>6</b> Sub Obstates Rd, Azec, NM 57410 <b>7</b> Sub Control Rd, Azec, NM 5741               Lang List Edge <b>7</b> Sub Control Rd, Azec, NM 5741               Lang List Edge               Sub Control Rd, Azec, NM 574               Lang List Edge               Inthe	DISTRICT II P.O. Drawer DD, Artesia, NM 88210	Santa Fe, New 1	Mexico 87504-2088	5 Indicate Type of Lease	F
SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THE FORM FOR PROPORAL SUE "APPLICATION FOR PENALT (FORM C-101) FOR SUCH PROPOSALS.         1. Type of Well:		х. - С	×	6. State Oil & Gas Lease No.	
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOR. USE "APPLICATION POR PERMIT (FORM C-101) FOR SUCH PROPOSALS)       1. Laws Name or USE Agreement Name Langlie Lynn Queen Uni         1. Type of Wei: wall       0. Weil wall       0. Weil ornex       1. Weil Na 1         2. Name of Openicor 3. Observed Scorporation       8. Weil Na 1       1. Base Name or USE Agreement Name Langlie Lynn Queen Uni         3. Address of Openicor 3. Observed Scorporation       9. Post same or USE Agreement Name Viscanter Agreement Name Score Widet       1. Weil Na 1         3. Address of Openicor 3. Observed Name Usit Lease       A. St. Bldg 4, Ste 100, Midland, TX 79705       Langlie Mattix 7 RVRS/Q         4. Weil London       9. Post same or Widet       1. East 100 (Midland, TX 79705       Langlie Mattix 7 RVRS/Q         4. Weil London       10. East 100 (North TC)       1. East 200 (North TC)       East 100 (North C, Report, or Other Data NOTICE OF INTENTION TO:       SUBSEQUENT REPORT OF:         11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data NOTICE OF INTENTION TO:       SUBSEQUENT REPORT OF:         PERFORM REMEDIAL WORK       9. PLUG AND ABANDON       REMEDIAL WORK       ALTERING CASING         0THER:       0THER:       0THER:       0THER:       0THER:         12. Describe Propood of Completed Opentions (Clearly state all period data), and give periodent data, including and rods, RWTF.       3,000 gals. Run tubing and rods, RWTF.	SUNDRY NOT	ICES AND REPORTS	ON WELLS		
1. Type of Well:       Cold       Onsex       1         2. Nume of Operator       11       1         3. Address of Operator       9. Pod sume or Wildst         3300 N. A St, Bldg 4, Ste 100, Midland, TX 79705       Langlie Mattix 7 RVRS/Q         4. Well Localice       9. Pod sume or Wildst         Ubit Letter       A : 660       Feet From The         Section       27       Township 235       Range 36E         NOTICE OF INTENTION TO:       SUBSEQUENT REPORT OF:         PERFORM REMEDIAL WORK       ALTERING CASING         PULL OR ALTER CASING       COMMENCE DRILLING OPNS.       PLUG AND ABANDON         PULL OR ALTER CASING       CASING TEST AND CEMENT JOB       OTHER:         12. Describe Proposed or Completed Operations (Clearly state all perimere datall, and give perimerel datal, including estimated date of saming any proposed work) SEE RULE 1103.         MIRU WSU, pressure test casing to 500 psi for 30 minutes. Recover RBP @ 3,452'.         Re-perforate the 7 Rivers/Queen, actidize w/ 3,000 gals. Run tubing and rods, RWTP.         Iherdry sectly but be Lowenin bove in twand complete to the bast of my browidely and	( DO NOT USE THIS FORM FOR PR DIFFERENT RESE	OPOSALS TO DRILL OR TO RVOIR. USE "APPLICATION	DEEPEN OR PLUG BACK TO A		
Image: State of Operation       11         3 Address of Operator       9. Pool sume of Wildett         3300 N. A St, Bldg 4, Ste 100, Midland, TX 79705       Langlie Mattix 7 RVRS/Q         4. Well Loading       Langlie Mattix 7 RVRS/Q         Usit Leaser       A : 660       Feet From The North       Lise and 660       Feet From The Least         Section       27       Township       235       Range 36E       NMFM       Least         In.       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       Alterning CASING         PULL OR ALTER CASING       CHANGE PLANS       COMMENCE DRILLING OPNS.       PLUG AND ABANDON         PULL OR ALTER CASING       OTHER:		OTHER			
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3300 N. A St, Bldg 4, Ste 100, Midland, TX       79705       Langlie Mattix 7 RVRS/Q         4. Well Leadies       A : 660       Feet From The North Line and 660       Feet From The East         Unit Letter       A : 660       Feet From The 235       Rzage 36E       NOTM         Section       27       Township 235       Rzage 36E       NOTM		poration			
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PULL OR ALTER CASING       CASING TEST AND CEMENT JOB         OTHER:       OTHER:         12. Describe Proposed or Completed Operations (Clearly state all periment dataits, and give periment datas, including estimated date of starting any proposed work) SEE RULE 1103.         MIRU WSU, pressure test casing to 500 psi for 30 minutes. Recover RBP @ 3,452'.         Re-perforate the 7 Rivers/Queen, acidize w/ 3,000 gals. Run tubing and rods, RWTP.         Ihereby certify that the information shore is the and complete to the best of my browledge and belief.         SIGNATURE       Prod. Tech.         Date       3/13/         TYPE OR FRENT NAME       Denise Menoud         This parts for Stars line       TELEPHONE Knogl		PLUG AND ABANDO			NG
OTHER:       OTHER:         12 Describe Proposed or Completed Operations (Clearly state all periment datails, and give periment data; including estimated date of starting any proposed work) SEE RULE 1103.         MIRU WSU, pressure test casing to 500 psi for 30 minutes. Recover RBP @ 3,452'.         Re-perforate the 7 Rivers/Queen, acidize w/ 3,000 gals. Run tubing and rods, RWTP.         Ihereby certify that the information shove is the test complete to the best of my knowledge and belief.         stonkatures       Prod. Tech.         Date       3/13/         TYPE OR PRINT NAME       Denise Menoud         TDistance for Sturing Line)	Ĺ.				
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I hereby certify that the information above is true and complete to the best of my knowledge and belief.       SIGNATURE	work) SEE RULE 1103. MIRU WSU, pressure te:	st casing to 500 p	psi for 30 minutes.	Recover RBP @ 3,452'.	
SIONATURE	ke-periorate the / ki	vers/Queen, acidi:	ze w/ 3,000 gais. Ru	in tubing and rods, RWT	Ρ.
SIONATURE					
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TYPE OR PROT NAME Denise Menoud TELEPHONE NO.91	I hereby certify that the information above is t	ue and complete to the best of my k	sowledge and belief.		
	SIGNATURE	roud	mue Prod. Teci	DATE	
(This space for State Use) MAR 20	TYPE OR PRINT NAME Denis	e Menoud		TELEPHONE K	915-
MAR 20	(This space for State Use)	··· —·· \6	e fort en al t		5 C 7
	APPROVED BY	SIGNED BI CHAID ST	TILE		20 4
CONDITIONS OF APPROVAL IF ANY: DISTRICT I SUIT	UNIC	TRICT I SUI S	- · · · ·		

Langlie Lynn Unit #11 Lea County, NM



GL Elevation: 3376'

None

None

**Production Casing:** 4 1/2" 9.50# J-55 ST&C @ 3730' in 6-3/4" hole 300 sx cement

### JECTION WELL DATA SHEET

OPERATOR:	Energen Re	esource	S					
WELL NAME & NUM	BER: Langlie Lyn	n Quee	n Unit #12	;;;;,		, 		
WELL LOCATION:	660' FNL, 660' FWL			D	26	<u>T-23-S</u>	R-36-E	Lea
	(Footage Location)			(Unit Letter)	(Section)	(Township)	(Range)	(County)
·			001070107					
		WELL	CONSTRUCT	ION DATA				
			<u>Surface Cas</u>	<u>ing</u>				
Hole Size:	11"							
Casing Size:	7-5/8"		<i>.</i> .			<i></i>		
Cemented with:	200	sacks	(or)			_ft3		
Top of Cement:	Surface			,				
Method Determined:	Visual							
	0.0/48	<u>[</u>	Production Ca	nsing	•			
Hole Size:	<u>6-3/4"</u> 4-1/2"							
Casing Size: Cemented with:	300	sacks	(or)	•		ft3		
Fop of Cement:	2100'	ouono	(0.)					
Vethod Determined:	TS							
Fotal Depth:	3750'							
			Slim Unin Co					
-lole Size:	4-1/2"		Slim Hole Ca	sing				
Casing Size:	2-7/8"							
Semented with:	545	sacks	(or)			ft3		
Fop of Cement:	Surface					- <u>`</u> `	:	
Method Determined:	Visual							
			Injection Inte	rval				
3446'	feet to <u>3682'</u>			(Indicate wheth	er Open Hol	e or perforated)	perforated	
		<u>Pro</u>	oposed Tubin	<u>q Detail</u>				
ubing Size:	2-3/8" J-55				•			
ining Material: ⁻ype of Packer:	Internal Plastic Coated Baker "Lok-Set"	(IPC)						
acker Setting Depth:	± 3350'	<del></del>		-				
	/Casing Seal (if applicab	le):						
				· · · · · · · · · · · · · · · · · · ·				
	x							
Additional Data								
Is this a new well o	trilled for injection?		r.	No				
	e was the well originally	drilled?		Oil and gas		``````````````````````````````````````		
Name of the Inject		,	the second se	ers-Queen-C	and the second			
Name of Field or F	Pool (if applicable):			attix Seven R		en-Grayburg		
Has the well ever l	peen perforated in any o	ther zor	ne/e)? Liet all e	such nerforat	ed intonia	le and give n	lugging dot	-il
e. sacks of cement of		No		such perioral	leu interva	is and give p	augging deta	an,
Give the name and	d depths of any oil or gas	20000	underlying or	working the	proposed	injontion Ton	o in this are	
	ne, Top @ approx. 3040		underlying or t	overiging the	proposed	injection zon	ie in uns are	d.
		·····						······
Completion Record								
'erfs:	See attach	ed diagr	ram	-				
icid, Shot, Fracture,	Squeeze:							
				· · · · · · · · · · · · · · · · · · ·				

	Ene Minerals and	d Natural Resources	Revised March 25, 19
District I 1625 N. French Dr., Hobbs, NM 87240		- THERE AT TEACHING	Revised March 25, 19
District II	OIL CONSERVA	ATION DIVISION	30-025-20052
811 South First, Artesia, NM 87210 District III		th Pacheco	5. Indicate Type of Lease
1000 Rio Brazos Rd., Aztec, NM 87410	Santa Fe,	NM 87505	STATE X FEE
District IV 2040 South Pacheco, Santa Fe, NM 87505			6. State Oil & Gas Lease No.
SUNDRY NOTIO (DO NOT USE THIS FORM FOR PROP DIFFERENT RESERVOIR. USE "APPLI PROPOSALS.)		EPEN OR PLUG BACK TO A	7. Lease Name or Unit Agreement Name: Langlie Lynn Queen Unit
1. Type of Well: Oil Well X Gas Well	Other		
2. Name of Operator			8. Well No.
Energen Resources Corporation	<u>1</u>	·	12
<ol> <li>Address of Operator</li> <li>3300 N. "A" St., Bldg 4, Ste.</li> <li>Well Location</li> </ol>	. 100. Midland, TX 797	705	9. Pool name or Wildcat Langlie Mattix 7 RVRS/Queen/GB
Unit Letter:	660 feet from the	North line and	660 feet from the West lir
Section 23		3S Range 36E	NMPM County Lea
	10. Elevation (Show w	hether DR, RKB, RT, GR, e	nc.)
11. Check	Appropriate Box to In	dicate <sub>l</sub> Nature of Notice	, Report, or Other Data
NOTICE OF INT	ENTION TO:	SUE	BSEQUENT REPORT OF:
PERFORM REMEDIAL WORK	PLUG AND ABANDON		
	CHANGE PLANS		LING OPNS. DPLUG AND ABANDONMENT
PULL OR ALTER CASING	MULTIPLE COMPLETION	CASING TEST AND CEMENT JOB	
OTHER: Convert to Injection			
			give pertinent dates, including estimated date h wellbore diagram of proposed completion
MIRU WSU, pull all produce 30 mins. POOH & reperf t tubing. Perform casing	the 7 RVRS/ Queen. Ac	cidize w/ 3,000 gals 15	), pressure test casing to 500# for % HCL. Run injection packer & er approval of permit.
۵۰ – ۲۰ ۲			
		· · · · · · · · · · · · · · · · · · ·	
hereby certify that the information abov	e is true and complete to the	best of my knowledge and beli	ef.
SIGNATURE <u>N.</u>	fencul_	_ TITLE Production Tec	hDATE04/13/2000
			Talashan Ma
ype or print name Denise Menoud		<del> </del>	Telephone No. (915)687-207
This space for State use)			
APPROVED BY		TITLE	DATE
Conditions of approval, if any:			

Lea County, NM	Current Co	nditions: 10/30	0/2001	KB Elev	ation: 3368' ation: 3378'	-	
		Active WIW			n: 660' FNL,	-	
Conductor: None				Spud:	T-23-S, R-36 )5/30/1963 30-025-200	Completed: 06	6/18/1963
Surface Casing: 7-5/8" 24# H-40, ST&C @ 330' in 11" hole					· ·	Tubing	) Detail (Las
Cemented to surface			#Jts	O.D.	Thread	TAC/Depth	Weight
W/200 sx 50/50 Pozmix			107	2-1/16"	10 rd	<u>м</u>	
			M				Detail (Las
,						Packer Type	
						1.05" NU 10 rd	x 2-7/8" NP
		(2) (2) (2) (2) (2) (2) (2) (2) (2) (2)					
Intermedicte Contines							
Intermediate Casing: None			I-1/2" casini	g leaks fr	om 580-1300	<b>.</b>	
•			I-1/2" casin <u>i</u> T <b>OC:</b> 2100'	-	om 580-1300	<b>.</b>	
•				-	om 580-1300	<b>.</b>	
•				-	om 580-1300	•	
None				-	om 580-1300	•	
None Slim Hole String: (10/80)	"C"		<b>TOC:</b> 2100'	by TS	om 580-1300 n'2-7/8" casi		
None Slim Hole String: (10/80) 2-7/8" tubing @ 3748'	<b>°℃</b> "		<b>FOC:</b> 2100' Tight Spot Perfs: 344( 354)	@ 3416' 3-54, 349 3-50, 64-6	n 2-7 <sup>/</sup> 8" casi 5-3504, 3512 36, 82-84,	ng -18 (04/00) (120 d	•
None Slim Hole String: (10/80) 2-7/8" tubing @ 3748'	"C"		Tight Spot Perfs: 3446 3544 3602 3644	@ 3416' 5-54, 349 3-50, 64-6 5-07, 08-1 3-50, 53-5	n 2-7 <sup>/</sup> 8" casi 5-3504, 3512 36, 82-84,	ng -18 (04/00) (120 d -26, 28-30, 42-44, -68, 80-82'	•

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1	Conoco d'	sel si Raptor Pes	19 Raptor Res 1 A Rastor Res 1 19 A. AL. IF (ATT) (A) A. AC. I	*: Raptor Res. 1) "A-AC-I" %! **** 029 . Cares fit	10 20020 (**) 10 10 10 10 10 10 10 10 10 10 10 10 10 1	Rocalinad Sum
	4 8 Canaga Danchiger	A 303 11 <sup>+</sup> A AC-1 <sup>-</sup> # MA WO 1 5 <sup>2</sup>	4-10)	A 363 77A	Turun Crecitor 2. Kard na Karan	
	8 <mark>}⊄</mark> 8 3er∺t et4.	9 (Amaca /2) bei 5000'		Arch Pet	Christen Guy F. H 2 Sen Guy F. H 2 Helmet Sute es Rece Prez. Leimet Sute es Clay Grp. T. Chal	Conoco "54.445 030556 Card "6 11" 18
	"0 1'34 Dencigen U 1 **	1331 1331 76 70 10 10 10 17 10 10 10 10 17		о <sup>2</sup> <sup>2</sup> <sup>2</sup> <sup>2</sup>	Conti 1 - Coneca - Ci sing	1"""""""""""""""""""""""""""""""""""""
		3.3.9	(Palsingre Anator Besources	State States Rispine Res A 281	Borris Carevana	Ugin Jersman C, J W W. (13)
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# LANGLIE-LYNN #12

LANGLIE-LYNN UNIT LANGLIE-MATTIX FIELD T23s – R36E Lea County, New Mexico TWO MILE RADIUS

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Harris E. Wulton KeZ			ж <sup>т</sup> .		(P/B)	12.LN 5.11		*B*
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vry (5) 10.1.937	ARCO OF Qn		Ste	vens"			Moraio Si pilo3	0104
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LANGLIE-LYNN #12 LANGLIE-LYNN UNIT

LANGLIE-MATTIX FIELD T23S – R36E Lea County, New Mexico HALF MILE RADIUS

<u>Langlie Lyr</u> FNL, 1980' FWL e Location) 3" ace al	WELL sacks		C (Unit Letter) CTION DATA Ising	26 (Section)	T-23-S (Township) ft3	R-36-E (Range)	Lea (County)
e Location) 3" ace al	sacks	<u>Surface Ca</u>	(Unit Letter)		(Township)		
3" ace al	sacks	<u>Surface Ca</u>	CTION DATA	(Section)	· · ·	(Range)	(County)
ace al	sacks	<u>Surface Ca</u>			ft3		
ace al	-		<u>nsing</u>		ft3		
ace al	-				#2		
ace al	-	(or)	<b></b>		f#3		
al	-	(or)	<u></u>		ft3		
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	sacks	(or)			_ft3		
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		<u>Injection In</u>	<u>terval</u>				
et to <u>3638'</u>			(Indicate whethe	er Open Hole	e or perforated)	perforated	
						14	
		Tubing D	<u>etail</u>		X		
3"	-						
o Seal (if applical	- ble):		e a construction of the second se				
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for injection?	<u> </u>		No		·		
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				tiv Souce	Divers Over		
applicable).	<u> </u>		Langlie Mai	ux Seven	Rivers-Quee	en-Grayburg	r <u> </u>
	other zor	ne(s)? List al	ll such perforat	ed interva	ls and give p	lugging deta	il,
(s) used.	<u> </u>			······	······		
······································	·····		**************************************	<u> </u>			
		underlying o	r overlying the	proposed	injection zor	e in this are	a:
	)'		·····	······································	<del></del>		
							<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>
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		· <u>····································</u>					
	et to <u>3638'</u> ag ag Seal (if applical for injection? the well originally irmation: applicable): perforated in any of (s) used. appload or ga p @ approx. 3040	et to <u>3638'</u> gr g Seal (if applicable): for injection? the well originally drilled? formation: applicable): perforated in any other zor (s) used.  hs of any oil or gas zones p @ approx. 3040' See attached diage	Injection In         et to 3638'         Tubing Description         g Seal (if applicable):         for injection?         the well originally drilled?         immation:         applicable):         perforated in any other zone(s)? List and (s) used.         ins of any oil or gas zones underlying of p @ approx. 3040'         See attached diagram	Injection Interval         et to 3638'       (Indicate whether         Injection Detail       Injection         Image: Injection Interval       Image: Im	Injection Interval         et to 3638'       (Indicate whether Open Hold         Image: Seal (if applicable):       Image: Seal (if applicable):         Image: Seal (if applicable):       No         Image: Seal (if applicable):       Image: Seal (if applicable):         Image: Seal (if applicable):       Image: Seal (if applicable):	Injection Interval         et to 3638'       (Indicate whether Open Hole or perforated)         Tubing Detail       "         g"	Injection Interval         at to       3638'         Injection Interval         at to       3638'         Injection Interval         at to       3638'         Injection Interval         Injection Interval </td

.

OPERATOR:		Energen R	esources	; 	<u></u>					·
WELL NAME & NUMBER: Langlie Lynn Queen Unit #20										
WELL LOCATION:	672' FSL, *	1797' FEL		<u></u>		0	22	T-23-S	R-36-E	Lea
	(Foolage Location	1)			(Unil	Leiter)	(Section)	(Township)	(Range)	(Counly)
			WELL	CONSTR		ΔΑΤΑ				
				Surface	,					
Hole Size:	12-1/4"		-	<u></u>	ouoma					. '
Casing Size:	8-5/8"		-							
Cemented with:	300		sacks	(or)			ft3			
Top of Cement:	Surface		-							
Method Determined:	<del>,</del>		-							
			Produc	ction Cas	sing (Inter	nded)				
Hole Size:	7-7/8"		-							
Casing Size:	5-1/2"		-							
Cemented with:	500	· · · · · · · · · · · · · · · · · · ·	sacks	(or)	<u> </u>	<u></u>		_ft3		
Top of Cement: Method Determined:	Surface		-							
Total Depth:	Visual 3850'		-							
			-							
			. 4	Injection	Interval					
3576'	feet to	3804'			(Indica	te wheth	er Open Hole	or perforated)	perforated	
								°*.		
				<u>Tubing</u>	Detail					
Tubing Size:			-							
Lining Material:	• <u></u>						ν.			
Type of Packer:	· <u> </u>		<del>~</del>		<del></del> ,					
Packer Setting Depth: Other Type of Tubing/	Casing Sea	l (if applical	- ole):							
	Ũ									
Addtitional Data								,		
1. Is this a new well d	rilled for inje	ection?			No					
If no, for what purpose			drilled?		Spu	dded 2-	24-00. Pre	sently drillin	g as a prod	ucer
2. Name of the Injecti					n/a				<u></u>	
3. Name of Field or P	ool (if applic	cable):	• <u>-</u>		Lanç	glie Mat	tix Seven I	Rivers-Quee	en-Grayburg	
4. Has the well ever b	een perfora	ated in any o	other zon	e(s)? List	t all such p	perforat	ed interval	s and give p	lugging deta	ail,
I.e. sacks of cement o	r plug(s) us	ed.			No					
· · · · · · · · · · · · · · · · · · ·										
5. Give the name and Jalmat Yates Gas Zor								njection zor		a:
Completion Record	······	<u> </u>	;			<u>, , , , , , , , , , , , , , , , , , , </u>	····			
Perfs:		See attach	ed diagra	am						
Acid, Shot, Fracture, S	Squeeze:									
		" <u></u>								

Langlie Lynn Unit #20 Lea County, NM

Conductor: None

Surface Casing: 8-5/8" 24#, J-55, ST&C @"329' in 12-1/4" hole Cemented to surface W/300 sx"C" + 2% CaCl2

Intermediate Casing:

None

**Current Conditions: Mar-00** New Well Perfs:

**Production Casing:** 

5 1/2" 15.50# J-55 LT&C @ 3853' in 7-7/8" hole 650 sx 50/50 Poz "C" + 10% gei, 5% salt FB 225 sx 50/50 Poz "C" + 5% salt Cement Circulated GL Elevation: 3394' DF Elevation: 3406' Location: 627' FSL, 1797' FEL, Sec 22, T-23-S, R-36-E API # 30-025-34916 Well Head Assembly:

TOC: 5-1/2" x 8-7/8" casing annulus @ 89' by Temp Survey

s: 3577, 88, 94, 3608, 13, 42, 59, 77, 97, 3703, 10, 18, 22, 36, 45, 53, 62, 68, 76, 80 3802

PBD: TD = 3853'

# INJECTION WELL DATA SHEET

OPERATOR:		Energen R	esource	<u>S</u>				<u></u>	
WELL NAME & NUM	BER:	Langlie Lyr	in Quee	n Unit #23	· · ·				<u>.</u>
WELL LOCATION:	1863' FSL	, 1950' FEL			J	23	T-23-S	R-36-E	Lea
	(Footage Locatio	n)		· · ·	(Unit Letter)	(Section)	(Township)	(Range)	(Counly)
			WELL (	CONSTRUC	TION DATA				
				Surface Ca	sing				
Hole Size:	12-1/4"			······································					
Casing Size:	8-5/8"								
Cemented with:	225		sacks	(or)			_ft3		
Top of Cement:	Surface								
Method Determined:	Visual								
			<u>P</u>	roduction C	asing				
Hole Size:	7-7/8"								
Casing Size:	5-1/2"								
Cemented with:	825		sacks	(or)	1738		_ft3		
Top of Cement:	Surface								
Method Determined:	Visual								
Total Depth:	3843'						i.		
				Injection Int	<u>erval</u>				
			•						
**********	_ feet to				(Indicate whethe	r Open Hole	e or perforated)	·····	
							n		
				Tubing De	tail		. 1	t i i i i i i i i i i i i i i i i i i i	
Tubing Size:	<u> </u>								
Lining Material:			<u></u>						
Type of Packer:		· · · · · · · · · · · · · · · · · · ·							
Packer Setting Depth: Other Type of Tubing	Casing Se	al (if applica	able) <sup>,</sup>						
			1010).						
Addtitional Data									
1. Is this a new well	drilled for ir	niection?			Yes, spudd	led 2-13-2	2000		
If no, for what purpos		•	y drilled'	?	n/a				
2. Name of the Inject	tion Forma	tion:			Seven Rive	ers-Queer	n-Grayburg		· -
3. Name of Field or F	ool (if app	licable):		<u>.</u>	Langlie Ma	ttix Sever	Rivers-Que	en-Graybu	rg
4. Has the well ever	heen perfo	rated in any	other zo	ne(s)? List:	all such perfor	rated inte	wals and div	e olugging .	lietab
I.e. sacks of cement			n/a				-		uciaii,
			·			<i></i>		···· ** -··· , _* #*	
5. Give the name an	d depths of	any oil or g	as zone:	s underlying	or overlying th	ne propos	ed injection	zone in this	area:
Jaimat Yates Gas Zo									
Completion Record									······································
Perfs:									
Acid, Shot, Fracture,	Acid, Shot, Fracture, Squeeze:								
	·						·····		

#### ENERGEN RESOURCES, INC. Langlie Lynn Unit #23 Lea County, NM Current Conditions: 11/07/2001 Shut In GL Elevation: 3387' Conductor: KB Elevation: 3399' None Location: 1863' FSL X 1950' FEL Unit J Sec 22, T-23-S, R-36-E Surface Casing: Spud: 02/13/2000 8 Jts 8-5/8" 24#, J-55, ST&C Completed: @"338' in 12-1/4" hole API No: 30-025-34919 Cemented to surface W/225 sx"C" + 2% CaCl2 07/11/00: Installed 5-1/2" collar, 5-1/2" x 2" csg swage & 2' ball Pumped 100 bbls of filtered 2% KCL water W. 2% of Well T X A'd 07/10/2000 Intermediate Casing: None 7 Rvrs-Queen Perfs: 3626, 28, 36, 38, 40, 64, 66, 68, 82, 85, 98,3706, 22 3728, 32, 34, 40, 48, 50, 63, 65, 67, 80, 90, 92, 9 (120 degee phased JSPF 87 holes over the 29 in **Production Casing:** 90 Jts 5 1/2" 15.50# J-55 LT&C @ 3842' in 7-7/8" hole 600 sx 50/50 Poz "C" + 10% gei, 5% salt PBD: FB 225 sx 50/50 Poz "C" + 5% salt TD = 3842' Cement Circulated

Sub nit 3 Copies To Appropriate District State of New Mexico	<b>Form C-1</b> 03
Office Energy, Minerals and Natural Resources	Revised March 25, 1999
1625 N. French Dr., Hobbs, NM 87240	WELL API NO. 30-025-34919
District II 811 South First, Artesia, NM 87210 District III OIL CONSERVATION DIVISION 2040 South Pacheco	5. Indicate Type of Lease
District III 2040 South Facheco 1000 Rio Brazos Rd., Aztec, NM 87410 Santa Fe, NM 87505	STATE X FEE
District IV 2040 South Pacheco, Santa Fe, NM 87505	6. State Oil & Gas Lease No.
SUNDRY NOTICES AND REPORTS ON WELLS	23267
(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	7. Lease Name or Unit Agreement Name:
PROPOSALS	Langlie Lynn Queen Unit
1. Type of Well: Oil Well Gas Well Other SI WIW	
2. Name of Operator	8. Well No.
Energen Resources Corporation	23
3. Address of Operator	9. Pool name or Wildcat
3300 N. "A" St., Bldg 4, Ste. 100, Midland, TX 79705 4. Well Location	Langlie Mattix 7 RVS/ Queen/ GB
Unit Letter	1950 feet from the East line
Section 22 Township 23S Range 36E	NMPM County Lea
10. Elevation (Show whether DR, RKB, RT, GR, etc.	
3387' GL	
11. Check Appropriate Box to Indicate Nature of Notice,	•
	SEQUENT REPORT OF:
	NG OPNS. PLUG AND ABANDONMENT
PULL OR ALTER CASING MULTIPLE CASING TEST AND COMPLETION CEMENT JOB	
	n of New Drill, Shut well in.
<ol> <li>Describe Proposed or Completed Operations (Clearly state all pertinent details, and g of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach or recompilation.</li> </ol>	
Drilled out down to 3817', tested casing to 3000# for 15 mins w/ no 1 500 gals Xylene, & 110 bbls 2% KCL water. Ran CBL/GR/CCL log from WL The log showed good bond across all intervals to be perforated. Perf 3626'-3798', (total of 87-0.44" holes). Acidized w/ 3500 gals 15% HC 500# w/ no leak-off. Swab-tested the well. Installed a 5 1/2" collar, ball valve. Shut well in until the opposition to injection is resolv	PBTD of 3824 back up to 2800' FS. orated the 7 Rivers/ Queen @ L/ DI acid. Tested the casing to 5 1/2" x 2" casing swage. & a 2"
· · · ·	
l hereby certify that the information above is true and complete to the best of my knowledge and belie	f.
	00/12/00
SIGNATURE	DATE 09/13/00
Type or print name Denise Menoud	Telephone No. 915-687-2074
(This space for State USE) GINAL SIGNED BY CHRIS WOLLS USE TO THE TO THE PERIOD	00= 01010
APPROVED BY TITLE TITLE TITLE	DATE
	· · · · · · · · · · · · · · · · · · ·

Submit 3 Copies To Appropriate District State of New Office Energy, Minerals and I			Form C-103 Revised March 25, 1999		
District 1 1625 N. French Dr., Hobbs, NM 87240 District II 811 South First, Artesia, NM 87210 OIL CONSERVAT		WELL API NO. 30-025-349 5. Indicate Type of Lea	19		
District III2040 South1000 Rio Brazos Rd., Aztec, NM 87410Santa Fe, N		STATE I	FEE		
District IV 2040 South Pacheco, Santa Fe, NM 87505		6. State Oil & Gas Lease No. 23267			
SUNDRY NOTICES AND REPORTS ON (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEED DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM	PEN OR PLUG BACK TO A	7. Lease Name or Unit			
PROPOSALS.) 1. Type of Well:		Langlie Lynn Queen	Unit		
Oil Well 🔲 Gas Well 🗌 Other SI WIW					
2. Name of Operator		8. Well No.			
Energen Resources Corporation	·	23			
3. Address of Operator		9. Pool name or Wildc			
3300 N. "A" St., Bldg 4, Ste. 100, Midland, TX 7970	5	Langlie Mattix 7 R	/S/_Queen/_GB		
4. Well Location		•			
Unit Letter J: 1863 feet from the	South line and	1950 feet from th	e <u>East</u> line		
Section 22 Township 235			County Lea		
10. Elevation (Show whe	ether DR, RKB, RT, GR, et 3387' GL	c.)			
11. Check Appropriate Box to Indi	icate <sub>l</sub> Nature of Notice,	Report, or Other Da	ita		
NOTICE OF INTENTION TO:	SUB	SEQUENT REPO	RT OF:		
TEMPORARILY ABANDON					
PULL OR ALTER CASING MULTIPLE COMPLETION	CASING TEST AND CEMENT JOB				
OTHER:	OTHER: Drill, se	et & cement casing			
<ol> <li>Describe Proposed or Completed Operations (Clearly state of starting any proposed work). SEE RULE 1103. For Mu or recompilation.</li> </ol>					

Spudded @ 3:30 p.m., 02/13/00. 8 5/8" J-55 24# ST&C R-3 casing was set @ 338' & cemented to surface w/ 225 sx Class "C" cement w/ 2% CaCl2 & 1/4# Cello-Flake sx w/ a yield of 1.35 mixed @ 14.8 ppg, total slurry volume 304 cu. ft. The plug was down w/ 890# @ 10:15 p.m., 02/13/00. The float held good. 4 1/2" DP was set @ 2.677'. spotted a 295# sx Class "H" w/ 0.9% CD-31 cement plug w/ a yield of 0.88 mixed @ 18.0 ppg. Plug on spot @ 5:15 a.m., 02/17/00. (Calculated TOC @ 1.900'). WOC 22 hrs. TD of 3843' was reached 02/22/00. Ran "Compensated Neutron 3-Detector Density". "Azimuthal Laterolog. MicroCFL". & "Mechanical Sidewall Coring Tool Monitor" logs. 5 1/2" J-55 15.5# LT&C R-3 casing was set @ 3842'. centralized up to 2962'. & cemented to surface w/ 825 sx 50/50 Poz C w/ 5% Salt. 0.6% FL-62, 0.5% CD-32. 0.2% SMS. & 1/4# Cello-Flake sx w/ a yield of 1.27 mixed @ 14.2 ppg. The total of both "Batch-Mixed" slurries was 1738 cu. ft. The plug was down w/ 1450# @ 9:00 p.m., 02/23/00. The floats held.

 I hereby certify that the information above is true and complete to the best of my knowledge and belief.

 SIGNATURE
 Image: Complete to the best of my knowledge and belief.

 SIGNATURE
 Image: Complete to the best of my knowledge and belief.

 Type or print name Denise Menoud
 TITLE Production Tech.

 DATE
 09/13/00

 Type or print name Denise Menoud
 Telephone No. 915.687.2074

 (This space for State use)
 ORIGINAL SIGNED BY CHERS WILLIAMS

 APPROVED BY
 DISTITLE I SUFERVISOR

 IniSTITLE
 DATE

 2 2000

Image: Sector Resources         Raptor Res					and the second se				·····
Appendix	「「米」「四味」	127 A.987 9	1 -1-81 @ 20 701 -1-81	(02 24598)	Raptor Res. A.9 0 <sup>129</sup> 2017 "A.AC.1"	83 /16 /10	R( (#78)	12: 20 - <b>20</b> 4P/18	Ces 106 (7/6)
Marce served         Applor Res.	Rootor Res.	may 59 (Dual)	246 90 \$P3'	75 ( 1000)	28	13		A.AL-I	
Image: Provide (S)       Image: Provide (S)       Image: Provide (S)       Image: Provide (S)         Image: Provide (S)       Image: Provide (S)       Image: Provide (S)       Image: Provide (S)         Image: Provide (S)       Image: Provide (S)       Image: Provide (S)       Image: Provide (S)         Image: Provide (S)       Image: Provide (S)       Image: Provide (S)       Image: Provide (S)         Image: Provide (S)       Image: Provide (S)       Image: Provide (S)       Image: Provide (S)         Image: Provide (S)       Image: Provide (S)       Image: Provide (S)       Image: Provide (S)         Image: Provide (S)       Image: Provide (S)       Image: Provide (S)       Image: Provide (S)         Image: Provide (S)       Image: Provide (S)       Image: Provide (S)       Image: Provide (S)         Image: Provide (S)       Image: Provide (S)       Image: Provide (S)       Image: Provide (S)         Image: Provide (S)       Image: Provide (S)       Image: Provide (S)       Image: Provide (S)         Image: Provide (S)       Image: Provide (S)       Image: Provide (S)       Image: Provide (S)         Image: Provide (S)       Image: Provide (S)       Image: Provide (S)       Image: Provide (S)         Image: Provide (S)       Image: Provide (S)       Image: Provide (S)       Image: Provide (S)	Ares.St. 23	Raptor Res.	Roptor Res	X		0556	122	13JH Hen	drix 1.JJ
(ref)       (ref) <td< td=""><td>221 J Petro.</td><td></td><td>(770)</td><td>Y Markins Yarbre</td><td></td><td>Art. Nens</td><td>*</td><td>2 8 167</td><td></td></td<>	221 J Petro.		(770)	Y Markins Yarbre		Art. Nens	*	2 8 167	
Raytor Res.       Raptor Res.	le panexco	Dellist. J T. Dian	J.E. MOTRIMET		J. T. Dipwiddie (				u.4●
H.K.Bosmussen     H.B.S. Cookie     H.S. Co		Raptor Res.	(Fre)	***	13 X (aver to a	(778)	"A.AC.1" A	126 no 3000	7 4 4 1 6
1/2       Concection		#19 11 Dreufus # 1/4	to 3055		27"A-AC-1" 2 34 7000		— — — — — — — — — — — — — — — — — — —		
BA       1100       11540       200       11000       1100       1100		Yores (2000) 2 1 Energen	Contraction OC.C HWI B-1167,2 WO HWI B-1167,2	ALCALDO	nergen 48 3638' øs (le) •	ARCO 5A QI	107 (Ar 8)	451	54 🛛
Conoco Hardson S. Corroco Energent 12 Energent 16 3 wyfamilyord Texoco Broots 12 10 10 10 10 10 10 10 10 10 10 10 10 10	10 BA # 000	SI AI	20 00		T. Sinclair - S	t." >A	•10 <b>•</b> →		
$ \begin{array}{c} \left  \begin{array}{c} \left  \begin{array}{c} \left  \begin{array}{c} \left  $	ate (WO)	Store -7	Shell-State	1E/NERG	EN(OPER.)	Sinchor St			erveo ron
$\begin{array}{c} \mathbf{Tr}(\mathbf{r}) \\ \mathbf{Tr}(r$	Conoco	Cono	CO Energe	nV F	Name and Address of the Owner, or other Designation of the Owner, where th	The second s		ord Texoco	Bros V2
Conti Dir Geo Eliz Geo Gilis Geo Gilis Geo Gilis Giloni Citation Oe,G Conti	Conoco HEITOCO Conoco HEITOCO COISS X.	Conoco Lynn 3-4	(Flag-Redlern)		ie js ie js ie js ierr-McGee)	,16 ,7€2,17 ,7€2,17 ,7€44	ARCO 3 wy Lonkf A R Co N"	ord I Texaco	Bros V2 Bros V2 Aust-al
3 West- 3 West- 1011 Greenbrier Middand Oper. 1011 O'Texpool (V.J. Sirgo) 5 (1) Citation OE.G Contri	(WSW) 5 Conoco 19370 030139 7. 1A 1A 1A 1A 1A 1A 1A 1A 1A 1A	Conoco Lynn Roca Prod. 2 [Clay Grp. Tr. etal]	Energe 21644 (Flag - Redlern) (Flag - Re		ierr-McGee)	216 217 217 2000000 21644 2812	ARCO 3 wy Lonkf A R Co 	ord I Texoco Ist p Ist p Ino 0. Lunkfor C B Burleson, I J J J J J J J J J J J J J J	Brosvi Brosvi 1. Carter Austrol Sup Th Th Sup
(El Fois: Prod.) Stevens Tojsoo Gonti Roptor ten" Roptor ten" Roptor ten" Roptor ten"	(WSW) 5 Conoco TBJTQ 030139 A 1A 28 TA TA Trnisun DEG(WO) TO 4000' Cont 1 D/R 4 030' 10	Conoco Lynn Roca rrad. 2 [Clay Grp. Tr. etal] 2 Geo Elz Geo Elz	Energe 21644 (Flog-Redfern) (Flog-Re		nergen 43 16 15 16 15 15 15 16 15 15 15 15 15 15 15 15 15 15	216 216 216 216 216 216 216 216 216 216	ARCO 3 wy Lonkf A R Co N" N" N" N" N" N" N" N" N" N" N" N" N" N" N"	ord I Texoco Ist p Ist p Ino 0. Lunkfor C B Burleson, I J J J J J J J J J J J J J J	Bros V2 Bros V2 I. Carter Austral SUR TA TA
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ten" Holt" Hen Dovis" to base within the line of the state of the sta	(WSW) 5 Conoco 1370 030135 A. 1.A 20 1.A 20 Tenisun DE G(MO) To 4000' Cont'l D/R Cont'l D/R Cont'l D/R Cont'l D/R Joil Citation DE G (El Fas: Prod) Tancs	Conoco (Lynn 3.4 Conoco (Lynn 3.620 Conoco 5.8 Conoco 3.620 Conoco 5.8 Conoco C	Energe CO C C C C C C C C	1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	ierr-McGee) ierr-McGee) ierr-McGee) ierr-McGee is is ierr-McGee is is ierr-McGee is is is is is is is is is is	16 7 2 2 17 2 17 2 17 2 17 17 17 17 17 17 17 17 17 17	ARCO 3 WH Lonkf A R CO A R	ord 1 Texoco 1 1 1 1 1 1 1 1 1 1 1 1 1	Brosvi Brosvi Jo L. Carter Austrol Sin TiA TiA Sin TiA Sin TiA Sin TiA Sin TiA Sin TiA Sin TiA Sin TiA Sin TiA Sin TiA Sin Sin Sin Sin Sin Sin Sin Sin Sin Sin
	Conoco 14 030135 Tenisun DE G(MO) To 4000' Cons'I D/R To 400' Cons'I D/R To 50' Cons'I D/R To 50' Cons'I Cons'I Cons'I To 10' Cons'I Cons'I Cons'I Cons'I Cons'I Cons'I Cons'I Cons'I Cons'I Cons'I Cons'I Cons'I Cons'I Co	Conoco (Lynn 'Jan Conoco (Lynn 'Jan Roca Prod. Clay Grp. Tr. etal) Clay Grp. Tr. etal) Control Swo Swo Swo Stevens To 3800 Stevens Contil Contil	Energe 21644 (Flag-Redlern Lynn S. Fir 7, 10 1950 7, 10 1950 7, 10 1950 7, 10 1950 7, 10 1950 3 - 31 - 2001 Energe S. Fir 3 - 31 - 2001 Energe C. Sirgo 3 - 31 - 2001 Energe Energe C. Sirgo 3 - 31 - 2001 Energe Energe C. Sirgo S. Fir Energe C. Sirgo S. Fir Energe C. Sirgo S. Fir Energe C. Sirgo S. Fir Energe C. Sirgo S. Sirgo	n - 12 1. 3 € 12 1. 3 € 21 (k 10 10 10 10 10 10 10 10 10 10	inergen 43 16 26 15 16 15 15 16 15 15 16 15 15 16 15 15 16 15 15 16 15 15 16 15 15 16 15 15 16 15 15 16 15 15 16 15 16 15 16 15 15 16 15 15 16 15 1	16 16 16 17 17 17 17 17 17 17 17 17 17	ARCO 3 WH Lonkf A R CO A R	ord 1 Texoco 1 1 1 1 1 1 1 1 1 1 1 1 1	Brosvi Brosvi Brosvi 10 10 10 10 10 10 10 10 10 10 10 10 10

MILES

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LANGLIE-LYNN #23 LANGLIE-LYNN UNIT

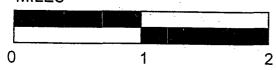
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LANGLIE-MATTIX FIELD T23S – R36E Lea County, New Mexico HALF MILE RADIUS

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Conoco d' 3 013864 3	act 33 M Paptor Res. 34	19 Roptor Res : 1 Roptor Res : 19 Roptor A. Ac. 12 A A Ac. 1 - 9 4-193	•: Ropor R+3 •: •: •: •: •: •: •: •: •: •: •: •: •: •	Starts Casse Start	Racafrod 3 in Ficial Fred States
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8 <sup>5</sup> 75 8 3e-11 eids	9 (4-0001/2) 9 bri. 5000'		(****) (****)	t a the state of t	
¢ 70 1'34	≠'0 \$1,24 \$1,233,54			Jeing base of Clay Grown	030556 C1
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(Leneco, rtal) Raptor Res	Permetil Ener. and pris mar add) a biss statistics for the statistic of t	Appler Recources	102 Rupter RC 1 281 102 0127 127 16 176 104 101 127 14 101 140	Raptor Resources	Canace eral 201 201
TA TI AILANCE	Acres 54 23	-36 Share thing)	* 0 20 73 03	a 14 at 15 at 14 at 14	
0 ALI ALC COSIGNO ROPTOR RES 3 1 39" A-AC.I" ARC 01 01192 A-983 A-983 A-983	Les au Barger States Langers 2 Les au Bargers States 1 - C Les au Bargers Bargers Amar Jan States 1 - C Jan Bargers Amar Jan Bargers	Raptor Reptor Reg.		Hereit and the second second	
LACO FAIL How the I	1 6:06		Since Concer Concer Since	*	U.S. January (S)
(Evens ((Gu)) O)U(1) & A B TO WIN, Dean (Sun) S-Al	Raptor Res Junde Arch 1 E	Aptor Pes (Erron) 1010	Raptor Res. (P/8) 478 (P/6) (P/8) 4782 (P/6)		1"24 ***Gruy Pet. ** n = 22 1001-264 0** 2544 31.4***
PAS 2 Rogar Sun PAS 2 Rogar Sun USMI. A Sa Si CL. Mingszo	34 3 Portanii ( Hi Rosmussen Srstio 6 Gul F. Sr Contor Srstio 46 1 1 1 1 1	Dreyfus #	• "	00M3	During the Stranger Ourne Accords
61 6 6 6 61 6 6 6 7 6 6 6 7 6 6 6 7 6 6 6	* · · · · · · · · · · · · · · · · · · ·	Energen	23- 2467638 * 31467638 450 * 461661 • 24 * 4606610 • 10 * 4606610 • 10 * 10	54 5-81 2 mg. 01: 40.8	
Bill C. E. Charce J. Linda K. Prop. fr. Lewalten) in 1995 U.S. Tred." State	Ter Pac		GLIE LYNNON	(me) Starte Reverse (1.3.)	11 544
Conocoletai H.B.P.	1014 Tenison Conoro 2001 016 030139	Conver		1 mg Lonkforg (1) mg Lonkforg	
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	76 17/8)	ClayGrp.Tr. etal) + CMEO/G ClayGrp.Tr. etal) + 3 31 2001			All races O Hartman 3-
U.S.	US Wes Perry(S)	Geo E'z 1 'C'au' Ymgi • 1 'C'au' Ymgi	J.T. Lynn	- Q1 415 415 Lynn	mon a merser nere 13 mer 20 (5.5) 20 (5.5) 2 w (3 m fen (5.5)
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Citation OE,G H.B.F B.1167	Poloris Dod Loco services	Waiton IS noter ARCO Commen	15 ' Co' (PB)		
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Augusta in the second for the second	(Sunray) -g-ris (Walton Sunray) Sig	0 34 410.234 3 40 140 7 100.0546 1 2 Tenison OE,G to 5000' 	13 - 54 - 54	17. 19.00 (19.0. 19.00) (not Canaco (19.00) (not Canaco (19.00) (not Canaco (19.00)	1 110 1 10 10 10 10 10 10 10 10 10 10 10
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7 20 49 huransan 5 20 19 5 A 11 4 11 70 4 10 20 94 4 6 20	Tenness 5 16-97 J Tolefo Westerney (S) Swelly (S) Swelly (S) Strelly (S) Stre	7 Tevace 8 Fr.A * H LAND Service Service	Gruy Pet. Fr. Texaco To Jeda Sandi B 2310 G	(mg) (200 and (2.) Cromp) (A and Cromp) (mg) (2.) (mg) (2.) (m	Martin (1) Martin (1) Martin (1) Martin (1) Martin (1) Martin (1) Martin (1) Martin (
⊗ <sup>1</sup> Wes Perry (1)	TL Strater etal	"E. Couls, etal satis is "E. Couls, etal satis is "E. Couls, etal satis is Wes Permy(S)	A Carrier St. Bislo C. Jac Sin - Cover.St. Burlington Jac Sin - Cover.St. Jac Sin - Cover. Jac	inor their Cooper	

MILES



# LANGLIE-LYNN #23

LANGLIE-LYNN UNIT LANGLIE-MATTIX FIELD T23s – R36E Lea County, New Mexico **TWO MILE RADIUS** 

OPERATOR:	Lanexco	<del></del>					
VELL NAME & NUM	BER: <u>El Paso State #</u>	1					
VELL LOCATION:			J	22	T-23-S	R-36-E	Lea
	(Foolage Location)		(Unit Letter)	(Section)	(Township)	(Range)	(County)
	14/2		JCTION DATA		,		
	VIL						ı
lole Size:	Waiting on data	Surface (	Casing				
asing Size:	8 5/8						
emented with:	sack	<s (or)<="" td=""><td></td><td></td><td>ft3</td><td>ι.</td><td></td></s>			ft3	ι.	
op of Cement:	<u>Surface</u>						
1ethod Determined:	circulated			•			
		Intermediat	e Casing				
lole Size:							
asing Size:	·		-		80		
emented with: op of Cement:	sacl	ks (or)			ft3		
lethod Determined:							
	. 7/	<b>Production</b>	Casing				
ole Size:	7 %						
asing Size: emented with: 3	55 50 5 50 62 +440 * sach	(a.)			ft3	-	
op of Cement:	sons solors the sace	ks (or)	· · · · · · · · · · · · · · · · · · ·		_10	ž	
ethod Determined:	circulated				~		
otal Depth:	3610						
		Injection	Interval				
	feet to						
<u></u>		······································	(Indicate wheth	er Open Ho	le or periorated)	•••••••••••••••••••••••••••••••••••••••	· · · · · · · · · · · · · · · · · · ·
		<u>Tubing</u>	<u>Detail</u>				
ubing Size:	2 23	_					
ning Material: /pe of Packer:	· · · · · · · · · · · · · · · · · · ·						
icker Setting Depth:	None						
her Type of Tubing	/Casing Seal (if applicable):		· · · · · · · · · · · · · · · · · · ·				<u> </u>
dtitional Data							x
Is this a new well d	Irilled for injection?		No				
	e was the well originally drille	d?	Oil and gas	;			······································
Name of the Inject			n/a			· · · · · · · · · · · · · · · · · · ·	
Name of Field or P	Pool (if applicable):						
Has the well ever b	peen perforated in any other	zone(s)? List	all such perforat	ed interva	lls and give p	lugging deta	ail,
. sacks of cement c	or plug(s) used.						
	······						· · · · · · · · · · · · · · · · · · ·
, .	d depths of any oil or gas zon n <b>e, Top @ approx. 3040'</b>	nes underlying			-		
	ייין יישר ש מאטועטיי אייי						
ompletion Record			· · · · · · · · · · · · · · · · · · ·				
mpletion Record							
rfs:							
id, Shot, Fracture,	Squeeze:						

.

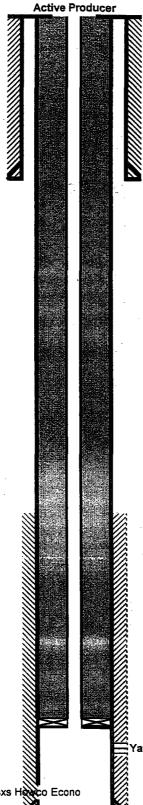
#### Lanexco Inc El Paso State #1 Lea County, NM

Conductor: None Surface Casing: 8 5/8"24# @ 383'

Hole Size: 12 1/4" Cemented to surface w/ 200 sx Class C

383'

Intermediate Casing: None



#### GL Elevation: 3392.5

Location: 1980' FSL X 1650' FEL Unit J Sec 22, T-23-S, R-36-E Spud: 06/09/1979 Completed: 07/26/1979 API No: 30-025-26346

Production Casing: 87 Jts 5 1/2" 17# @ 3610' Hole Size: 7-7/8" Cemented w/ 350 sxs 50-50 Poz + 400 sxs Harco Econo TOC: 2950'

TOC:

Circulated cement to surface

Yates Seven Rivers Perfs: 3045, 3051, 3060, 3077, 3084, 3088, 3093, 31 3450, 3480, 3510, 3531, 3538

OPERATOR:		Conoco			·	ı			
WELL NAME & NUME	BER:	Lynn B-1 #	3						
WELL LOCATION:	990' FNL, (Footage Location	1650' FWL			C (Unit Letter)	26 (Section)	T-23-S (Township)	R-36-E (Range)	Lea (County)
			WELL C	CONSTRU	CTION DATA				κ.
			:	Surface Ca	asing				
Hole Size:	Unknown								
Casing Size:	7-5/8" @ 1	214'	-						
Cemented with:	500		sacks	(or)			_ft3		
Top of Cement:	Surface								
Method Determined:	Visual		-						
			<u>Pi</u>	roduction	<u>Casing</u>				
Hole Size:	Unknown		-						
Casing Size:	5-1/2" @ 2	2882'	-						
Cemented with:	690		sacks	(or)	•		ft3		
Top of Cement:	Unknown		-						
Method Determined:		·····	-						
Total Depth:	3385'		-						
Addtitional Data									
1. Is this a new well d	rilled for inj	ection?			No				
If no, for what purpose	e was the w	ell originally	drilled?		Oil and gas				·······
2. Name of the Inject	ion Formati	on:	<u></u>	·····	n/a				
3. Name of Field or P	ool (if appli	cable):			Langlie Matt	ix Seven	<b>Rivers-Quee</b>	en-Grayburg	
4. Has the well ever to l.e. sacks of cement of			other zone	e(s)? List a	II such perforate	ed interva	Is and give p	blugging deta	ail,
5. Give the name and Jalmat Yates Gas Zor				inderlying c	or overlying the p	proposed	injection zor	ne in this are	a:
Completion Record	•								
Perfs:		Open hole	2882'-33	85'					
Acid, Shot, Fracture, S	Squeeze:	•••••							
							· · · · · · · · · · · · · · · · · · ·		

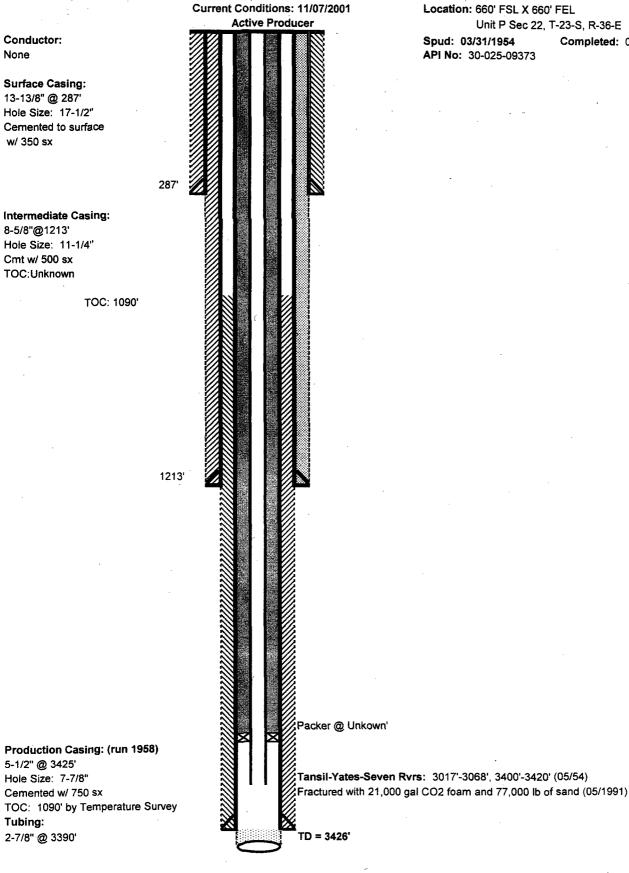
OPERATOR:		Conoco					····		
WELL NAME & NUM	BER:	Lynn B-1 #	17				·····		
WELL LOCATION:	990' FNL,	990' FEL			<u> </u>	27	T-23-S	R-36-E	Lea
	(Footage Location	n)			(Unit Letter)	(Section)	(Township)	(Range)	(County)
			WELL	CONSTRU	CTION DATA				
				Surface C	asing				
Hole Size:	Unknown		-						
Casing Size:	7-5/8" @ 1	244'	-						
Cemented with:	500		sacks	(or)			_ft3		
Top of Cement:	Surface								
Method Determined:	Visual		-						
	, ,								
			<u>P</u>	roduction	<u>Casing</u>				
Hole Size:	Unknown		-						
Casing Size:	5-1/2" @ 2	2929'	_						
Cemented with:	500		sacks	(or)	•		ft3		
Top of Cement:	Unknown		-						
Method Determined:	·		-						
Total Depth:	3480'		-						
Addtitional Data									
1. Is this a new well d	Irilled for inj	ection?			No				
If no, for what purpose	-		drilled?		Oil and gas	;	1		
2. Name of the Inject	ion Formati	on:			n/a				
3. Name of Field or P	ool (if appli	cable):			Jalmat Tan	sil-Yates-	Seven Rivers	3	
4. Has the well ever to l.e. sacks of cement of			other zone		Il such perforat			blugging deta	ail,
						·			
5. Give the name and Jalmat Yates Gas Zor	-	• •		• •			•		a:
Jaimat Tales Gas 201		appiox. 3040	·					<u> </u>	
Completion Record			· · ·						
Perfs:		Onen hole	2929'-34	80' ?					
Acid, Shot, Fracture,	Squeeze:								
······································									
· · · · · · · · · · · · · · · · · · ·									

OPERATOR:	Gruy Petr	oleum N	lanagement					
WELL NAME & NUM	BER: Shell State	e #3						
WELL LOCATION:	660' FSL, 660' FEL			Р	22	T-23-S	R-36-E	Lea
	(Foolage Location)			(Unit Letter)	(Section)	(Township)	(Range)	(County)
	,			·				
		WEL		CTION DATA				
			<u>Surface C</u>	asing				
Hole Size:	17-1/2"	-						
Casing Size:	13-3/8" @ 287'							
Cemented with:	350	sacks	(or)			ft3		
Top of Cement:	Surface							
Method Determined:	Visual	-						
			Intermediate	- Casing				
Hole Size:	11-1/4"	4						· · ·
Casing Size:	8-5/8" @ 1213'	·						
Cemented with:	500	- sacks	(or)			ft3		
Top of Cement:	Unknown	_		<del></del>				
Method Determined:		-						
		-						
• •			Droduction	Casing				
Hole Size:	7-7/8"		<u>Production</u>	Casing				
Casing Size:	5-1/2" @ 3425'	-						
Cemented with:	750	- sacks	(or)			ft3 n_		
Top of Cement:	Unknown	_ 340K3	(01)			- "S ( <b>)</b>		
Method Determined:	Onknown							
	2426'							
Total Depth:	3426'	-						
Addtitional Data								
1. Is this a new well of	trilled for injection?			No				
	e was the well originally	drilled	?	Oil and gas	s			
2. Name of the Inject	• • •			n/a				
3. Name of Field or F		· · · · · · · · · · · · · · · · · · ·			nsil-Yates-	Seven Rivers	;	<u></u>
		- 44					1	. *1
	been perforated in any	otner zo	ine(s)? List a		ited interva	als and give p	lugging deta	311,
I.e. sacks of cement of	or plug(s) usea.	· <u></u>		n/a				
5. Give the name and	d depths of any oil or ga	is zones	s underlving	or overlving the	proposed	injection zor	e in this are	a.
	ne, Top @ approx. 304		-		proposed			<b>.</b>
Completion Record								······································
Dorfer	00471.000	01 0400						
Perfs:	3017'-306	_					<u>`````````````````````````````````````</u>	— *
Acid, Shot, Fracture,	Squeeze: Sano-Irac	w/ 10,0	uu gai., 1# p	er gal. sand to	011			

## Gruy Petroleum Management

#### Shell State #3

Lea County, NM

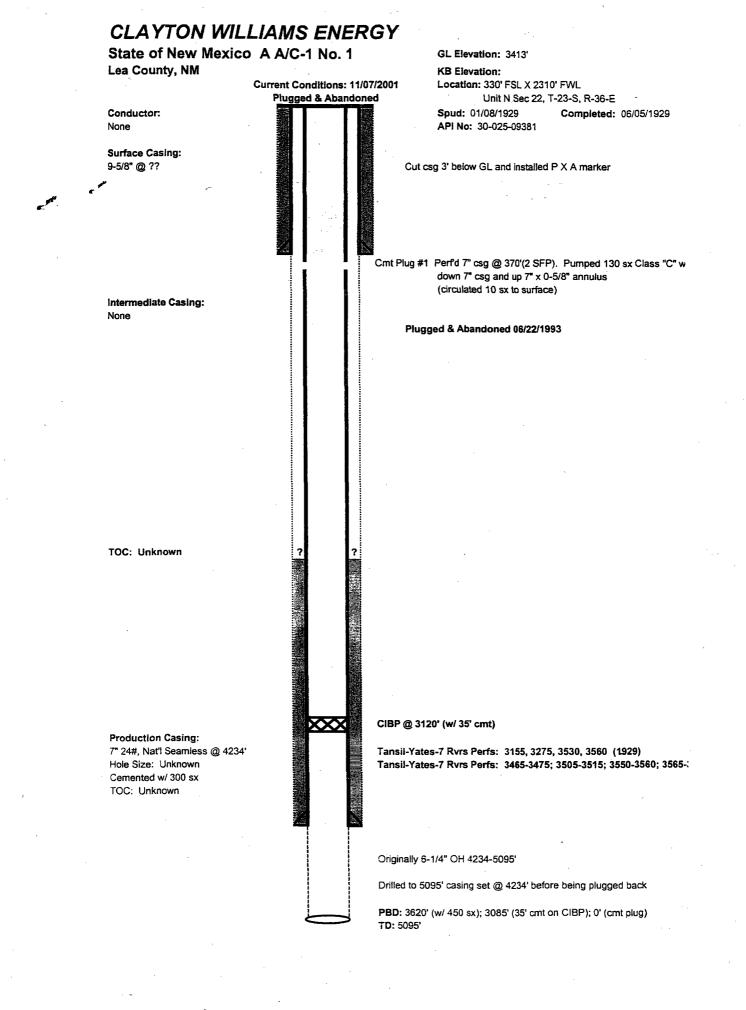


KB Elevation: DF 3383' Location: 660' FSL X 660' FEL Unit P Sec 22, T-23-S, R-36-E Completed: 05/12/1954

VELL NAME & NUMI	BER: Sinclair A							
ELL LOCATION:		State #10	)					
· .	990' FSL, 990' FWL			M	23	<u>T-23-S</u>	R-36-E	Lea
	(Foolage Location)			(Unit Letter)	(Section)	(Township)	(Range)	(County)
		WELL	CONSTRU	CTION DATA				
			Surface Ca	ocina				
ole Size:	12-1/4"		Surface C	asing				
asing Size:	8-5/8" @ 340'							
emented with:	200	– sacks	(or)			ft3		
op of Cement:	Surface		()			_	`	
lethod Determined:	Visual							
· .	₩,k							
		D	raduation	Cooina				
ole Size:	7-7/8"	<u> </u>	roduction	Casing				
	5-1/2" @ 3550'	-						
asing Size: emented with:	700	- sacks	(or)			ft3		
op of Cement:	Unknown	- 300K3	(01)	<u></u>				
lethod Determined:								
otal Depth:	3550'							
oral Dopin.								
			<u>Tubing D</u>	etail				
ubing Size:	2-3/8" @ 3241'		·					
ning Material:	•					•		
ype of Packer:							k	
acker Setting Depth:	/Casing Seal (if applica	_						
ddtitional Data								
. Is this a new well c	Irilled for injection?			No				
no, for what purpos	e was the well originally	y drilled?		Oil and gas		· · · · · · · · · · · · · · · · · · ·		
. Name of the Inject		<del></del>		n/a				
Name of Field or P	'ool (if applicable):			Jalmat Tan	sil-Yates-	Seven Rivers	3	
. Has the well ever I	been perforated in any or plug(s) used.	other zon	e(s)? List a	Il such perforat	ed interva	Ils and give p	lugging deta	ail,
e. sacks of cement of Give the name and	d depths of any oil or gane, Top @ approx. 304		underlying c	or overlying the	proposed	injection zor	ne in this are	a:
e. sacks of cement of Give the name and almat Yates Gas Zor			underlying c	or overlying the	proposed	injection zor	ne in this are	a:
e. sacks of cement of Give the name and almat Yates Gas Zor ompletion Record	ne, Top @ approx. 304	0'		or overlying the	proposed	injection zor	ne in this are	a:
e. sacks of cement of Give the name and almat Yates Gas Zon ompletion Record erfs:	ne, Top @ approx. 304 	0' 4'; PBTD	3520'	or overlying the			ne in this are	a:
e. sacks of cement of Give the name and almat Yates Gas Zon ompletion Record erfs:	ne, Top @ approx. 304 	0' 4'; PBTD	3520'				ne in this are	a:
e. sacks of cement of Give the name and almat Yates Gas Zon ompletion Record erfs:	ne, Top @ approx. 304 	0' 4'; PBTD	3520'				ne in this are	a:
e. sacks of cement of Give the name and almat Yates Gas Zon ompletion Record erfs:	ne, Top @ approx. 304 	0' 4'; PBTD	3520'				ne in this are	a:
e. sacks of cement of Give the name and almat Yates Gas Zon ompletion Record erfs:	ne, Top @ approx. 304 	0' 4'; PBTD	3520'				ne in this are	a:
e. sacks of cement of Give the name and almat Yates Gas Zon Completion Record erfs:	ne, Top @ approx. 304 	0' 4'; PBTD	3520'				ne in this are	a:
e. sacks of cement of Give the name and almat Yates Gas Zon ompletion Record erfs:	ne, Top @ approx. 304 	0' 4'; PBTD	3520'				ne in this are	a:
e. sacks of cement of Give the name and almat Yates Gas Zon Completion Record erfs:	ne, Top @ approx. 304 	0' 4'; PBTD	3520'				ne in this are	a:
e. sacks of cement of Give the name and almat Yates Gas Zon ompletion Record erfs:	ne, Top @ approx. 304 	0' 4'; PBTD	3520'				ne in this are	a:
e. sacks of cement of Give the name and almat Yates Gas Zon Completion Record erfs:	ne, Top @ approx. 304 	0' 4'; PBTD	3520'				ne in this are	a:
e. sacks of cement o	ne, Top @ approx. 304 	0' 4'; PBTD	3520'				ne in this are	a:

OPERATOR:	Clayton Wi	lliams Ene	ergy						
WELL NAME & NUME	BER: State of Ne	w Mexico	A A/C-1 #1						
WELL LOCATION:	330' FSL, 2310' FWL			N	22	T-23-S	R-36-E	Lea	
	(Footage Location)			(Unit Letter)	(Section)	(Township)	(Range)	(County)	
		WELL C	ONSTRUC	HON DATA					
			Surface Cas	ing					
Hole Size:	Unknown	•							
Casing Size:	<u>7" @ 4234' '</u>	-							
Cemented with:	Unknown	sacks	(or)			_ft3			
Top of Cement:	Surface	-							
Method Determined:	Visual	-							
,									
X		Pr	oduction C	asing					
Hole Size:									
Casing Size:	<u> </u>	-							
Cemented with:		sacks	(or)			_ft3			
Top of Cement:									
Method Determined:		-							
Total Depth:	5095' OWDD								
Addtitional Data									
1. Is this a new well d	Irilled for injection?			No					
	e was the well originally	drilled?		Oil and gas		n,			
2. Name of the Inject			<del></del>	n/a					
3. Name of Field or P		Jalmat Tansil-Yates-Seven Rivers							
	peen perforated in any c	other zone	(s)? List all	such perforate	ed interva	ls and give p	lugging deta	ail,	
I.e. sacks of cement of	or plug(s) used.	<del></del>							
PB from 5095' to 3620	0' w/ 450 sx cmt		· · · ·	<u></u>					
Old perfs @ 3465'-35	75', P&A'd 6-22-93 as fo	ollows:							
Set CIBP at 3120' w/ 3	35' cmt on top								
Perforate-7" casing at	370'. Pumped 130 sx o	cmt down	7" casing an	nd up 7" / 9-5/	8" annulus				
Circulate 10 sx to surf	ace								
····									
	l depths of any oil or ga ne, Top @ approx. 3040	s zones ui '	nderlying or	overlying the p		•		a:	
Completion Record									
Dorfo	04051 0475								

Perts:	3465'-3475', 3505'-3515', 3550'-3560', 3565'-3575'
Acid, Shot, Fracture, Squeeze:	Unknown



OPERATOR:		Doyle Harl	tman			•••••••••••••••••••••••••••••••••••••••					
WELL NAME & NUMBER:		State of New Mexico AA #1									
WELL LOCATION:	1980' FNL	, 660' FEL			н	22	T-23-S	R-36-E	Lea		
·	(Footage Locatio	n)		· · · · · · · · · · · · · · · · · · ·	(Unit Letter)	(Section)	(Township)	(Range)	(County)		
			<u>WELL (</u>	CONSTRU	CTION DATA						
				<u>Surface C</u>	asing						
Hole Size:	13-3/4		-								
Casing Size:	10-3/4" @	305.26'	_								
Cemented with:	300		sacks	(or)	<u> </u>		ft3				
Top of Cement:	Surface		-								
Method Determined:	Visual										
			`								
			PI	roduction	Casing						
Hole Size:	8-3/4"										
Casing Size:	7" @ 2906	5'	. <del></del>								
Cemented with:	2350		sacks	(or)			_ft3				
Top of Cement:	n/a		-				_				
Method Determined:			-								
Total Depth:	3130'		-								
Addtitional Data											
1. Is this a new well of	Irilled for ini	ection?			No						
If no, for what purpose was the well origi			drilled?		Oil and gas						
2. Name of the Inject				<u></u>				······································			
3. Name of Field or F				Jalmat Tansil-Yates-Seven Rivers							
4. Has the well ever l			other zone	e(s)? List	all such perforat	ted interva	ils and give p	olugging deta	ail,		
I.e. sacks of cement of	or plug(s) us	sea.									
									······································		
······						·	<u> </u>				
5. Give the name and	d depths of	any oil or ga	is zones u	Inderlying	or overlying the	proposed	injection zor	ne in this are	a:		
Jalmat Yates Gas Zor	ne, Top @ a	approx. 304	0'								
			····								
Completion Record											
Perfs:		Open hole	2906'-31	30'							
	~										

Acid, Shot, Fracture, Squeeze:

None

	OPERATOR:		Grace Pet	roleum C	orp.					
(Foelage Location)       (Unit Letter)       (Betlern)       (Township)       (Range)       (County)         WELL CONSTRUCTION DATA         Surface Casing         Hole Size:       9-7/8"         Casing Size:       7-5/8" @ 328'         Cemented with:       175       sacks       (or)       ft3         Top of Cement:         Durface         Production Casing         Method Determined:         Visual         Production Casing         Hole Size:       6-3/4"         Comented with:       200         sacks (or)       ft3         Top of Cement:       n/a         No         Total Depth:         3630'         Additional Data         I. Is this a new well drilled for injection?       No         f no, for what purpose was the well originally drilled?       Oil and gas         . Name of He Injection Formation:       n/a         . Name of Field or Pool (if applicable):       Langlie Mattix Seven Rivers-Queen-Grayburg         i. Has the well ever been perforated in any other zone(s)?	WELL NAME & NUM	BER:	State of N	ew Mexic	o AA #3					
(Freeinge Location)       (Unit Letter)       (Section)       (Township)       (Hange)       (County)         WELL CONSTRUCTION DATA         Surface Casing         Hole Size: 9-7/8"         Cemented with: 175       sacks (or)f13         Comment: Surface         Method Determined: Visual         Production Casing         Hole Size: 6-3/4"         Casing Size: 2-7/8" @ 3629'         Cemented with: 200       sacks (or)	WELL LOCATION:	2310' FNL	, 330' FEL			н	22	T <b>-2</b> 3-S	R-36-E	Lea
Surface Casing         Hole Size:       7-5/8"         Casing Size:       7-5/8"         Cemented with:       175         Surface	·	(Footage Location	ı)			(Unit Letter)	(Section)	(Township)	(Range)	(County)
Hole Size:       9-7/8"         Casing Size:       7-5/8" @ 328'         Cemented with:       175       sacks (or)       ft3         Top of Cement:       Surface       ft3         Method Determined:       Visual       ft3         Production Casing         Hole Size:       6-3/4"         Casing Size:       2-7/8" @ 3629'         Cemented with:       200       sacks (or)         Casing Size:       2-7/8" @ 3629'         Cemented with:       200       sacks (or)         Top of Cement:       n/a         Method Determined:       ft3         Foot Cement:       n/a         Method Determined:       ft3         Total Depth:       3630'         Additional Data       1.         I. Is this a new well drilled for injection?       No         f no, for what purpose was the well originally drilled?       Oil and gas         . Name of Field or Pool (if applicable):       Langlie Mattix Seven Rivers-Queen-Grayburg         I. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, e. sacks of cement or plug(s) used.         Jd perfs @ 3613'-3621'. PA'd 4-16-79 as follows:				WELL	CONSTRU	CTION DATA	ı			
Hole Size:       9-7/8"         Casing Size:       7-5/8" @ 328'         Cemented with:       175       sacks (or)       ft3         Top of Cement:       Surface       ft3         Method Determined:       Visual       ft3         Production Casing         Hole Size:       6-3/4"         Casing Size:       2-7/8" @ 3629'         Cemented with:       200       sacks (or)         Casing Size:       2-7/8" @ 3629'         Cemented with:       200       sacks (or)         Top of Cement:       n/a         Method Determined:       ft3         Foot Cement:       n/a         Method Determined:       ft3         Total Depth:       3630'         Additional Data       1.         I. Is this a new well drilled for injection?       No         f no, for what purpose was the well originally drilled?       Oil and gas         . Name of Field or Pool (if applicable):       Langlie Mattix Seven Rivers-Queen-Grayburg         I. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, e. sacks of cement or plug(s) used.         Jd perfs @ 3613'-3621'. PA'd 4-16-79 as follows:					Surface C	asing				
Casing Size: 7-5/8" @ 328' Cemented with: 175 sacks (or)ft3 Top of Cement: Surface Method Determined: Visual Production Casing Hole Size: 6-3/4" Casing Size: 2-7/8" @ 3629' Cemented with: 200 sacks (or)ft3 Top of Cement: n/a Method Determined: Total Depth: 3630' Additional Data 1. Is this a new well drilled for injection? No f no, for what purpose was the well originally drilled? Oil and gas 2. Name of the Injection Formation: Name of Field or Pool (if applicable): Langlie Mattix Seven Rivers-Queen-Grayburg 4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, e. sacks of cement or plug(s) used. 2. Jd perfs @ 3613'-3621', PA'd 4-16-79 as follows: 3et 100' cmt plug 50' in & 50' out of 2-7/8" casing stub @ 2050' w/ 30 sx (TOC 1950') 3et 100' cmt plug @ 378' w/ 30 sx (TOC 278')	Hole Size:	9-7/8"			· · · · · · · · · · · · · · · · · · ·				,	
Cemented with: 175 sacks (or) f13 Top of Cement: Surface Method Determined: Visual Production Casing Hole Size: 6-3/4" Casing Size: 2-7/8" @ 3629' Cemented with: 200 sacks (or) f13 Top of Cement: n/a Wethod Determined: Fotal Depth: 3630' Additional Data I. Is this a new well drilled for injection? No f no, for what purpose was the well originally drilled? Oil and gas Name of the Injection Formation: n/a Name of Field or Pool (if applicable): Langlie Mattix Seven Rivers-Queen-Grayburg I. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, e. sacks of cement or plug(s) used. Method Determined: Method Determined: Method Determined: Method Determined: Method Determined: I. Is this a new well drilled for injection? No f no, for what purpose was the well originally drilled? Oil and gas Additise and the Injection Formation: n/a Name of Field or Pool (if applicable): Langlie Mattix Seven Rivers-Queen-Grayburg I. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, e. sacks of cement or plug(s) used. Method Determined: Method Determined: Me	Casing Size:	······································	28'	_						
Top of Cement:       Surface         Method Determined:       Visual         Hole Size:       6-3/4"         Casing Size:       2-7/8" @ 3629'         Cemented with:       200       sacks (or)         Top of Cement:       n/a         Wethod Determined:       ft3         Fotal Depth:       3630'         Additional Data       .         I. Is this a new well drilled for injection?       No         f no, for what purpose was the well originally drilled?       Oil and gas         . Name of the Injection Formation:       n/a         . Name of Field or Pool (if applicable):       Langlie Mattix Seven Rivers-Queen-Grayburg         . Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail,         .e. sacks of cement or plug(s) used.         Jid perfs @ 3613'-3621'. PA'd 4-16-79 as follows:         iet 100' cmt plug @ 378' w/ 30 sx (TOC 278')				_ sacks	(or)			ft3		
Method Determined:       Visual         Production Casing         Hole Size:       6-3/4"         Casing Size:       2-7/8" @ 3629'         Cemented with:       200       sacks (or)         Casing Of Cement:       n/a         Method Determined:       ft3         Fotal Depth:       3630'         Additional Data	Top of Cement:	Surface		-						
Hole Size:       6-3/4"         Casing Size:       2-7/8" @ 3629'         Cemented with:       200       sacks       (or)       ft3         Top of Cement:       n/a       ft3       ft3         Method Determined:	•	Visual								
Hole Size:       6-3/4"         Casing Size:       2-7/8" @ 3629'         Cemented with:       200       sacks       (or)       ft3         Top of Cement:       n/a       ft3       ft3         Method Determined:										
Casing Size:       2-7/8" @ 3629'         Cemented with:       200       sacks       (or)       ft3         Top of Cement:       n/a				<u>P</u>	roduction	<u>Casing</u>				
Cemented with: 200 sacks (or) ft3   Top of Cement: n/a   Wethod Determined:   Fotal Depth: 3630'   Additional Data   I. Is this a new well drilled for injection?   No   f no, for what purpose was the well originally drilled?   Oil and gas   *. Name of the Injection Formation:   n/a   I. Name of Field or Pool (if applicable):   Langlie Mattix Seven Rivers-Queen-Grayburg   I. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, e. sacks of cement or plug(s) used. Did perfs @ 3613'-3621'. PA'd 4-16-79 as follows: Set 100' cmt plug 50' in & 50' out of 2-7/8" casing stub @ 2050' w/ 30 sx (TOC 1950') Set 100' cmt plug @ 378' w/ 30 sx (TOC 278')	Hole Size:	6-3/4"		_						
Cemented with: 200 sacks (or) ft3   Top of Cement: n/a   Wethod Determined:   Total Depth: 3630'   Additional Data   I. Is this a new well drilled for injection? No   f no, for what purpose was the well originally drilled? Oil and gas   ?. Name of the Injection Formation: n/a   I. Name of Field or Pool (if applicable): Langlie Mattix Seven Rivers-Queen-Grayburg   I. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, e. sacks of cement or plug(s) used. Did perfs @ 3613'-3621'. PA'd 4-16-79 as follows: Set 100' cmt plug 50' in & 50' out of 2-7/8" casing stub @ 2050' w/ 30 sx (TOC 1950') Set 100' cmt plug @ 378' w/ 30 sx (TOC 278')	Casing Size:	2-7/8" @ 3	629'	-						
Method Determined:	-	200		sacks	(or)			ft3		
Total Depth:       3630'         Addtitional Data         I. Is this a new well drilled for injection?       No         f no, for what purpose was the well originally drilled?       Oil and gas         ?.       Name of the Injection Formation:         Name of Field or Pool (if applicable):       Langlie Mattix Seven Rivers-Queen-Grayburg         I. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail,         e. sacks of cement or plug(s) used.         Did perfs @ 3613'-3621'. PA'd 4-16-79 as follows:         Set 100' cmt plug 50' in & 50' out of 2-7/8" casing stub @ 2050' w/ 30 sx (TOC 1950')         Set 100' cmt plug @ 378' w/ 30 sx (TOC 278')	Top of Cement:	n/a		-						
Addtitional Data         I. Is this a new well drilled for injection?       No         f no, for what purpose was the well originally drilled?       Oil and gas         ?. Name of the Injection Formation:       n/a         !. Name of Field or Pool (if applicable):       Langlie Mattix Seven Rivers-Queen-Grayburg         !. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail,         .e. sacks of cement or plug(s) used.         Jld perfs @ 3613'-3621'. PA'd 4-16-79 as follows:         Set 100' cmt plug 50' in & 50' out of 2-7/8" casing stub @ 2050' w/ 30 sx (TOC 1950')         Set 100' cmt plug @ 378' w/ 30 sx (TOC 278')	Method Determined:			<b></b> .						
I. Is this a new well drilled for injection?       No         f no, for what purpose was the well originally drilled?       Oil and gas         f. Name of the Injection Formation:       n/a         I. Name of Field or Pool (if applicable):       Langlie Mattix Seven Rivers-Queen-Grayburg         I. Has the well ever been perforated in any other zone(s)?       List all such perforated intervals and give plugging detail,         e. sacks of cement or plug(s) used.       Did perfs @ 3613'-3621'. PA'd 4-16-79 as follows:         bet 100' cmt plug 50' in & 50' out of 2-7/8" casing stub @ 2050' w/ 30 sx (TOC 1950')         bet 100' cmt plug @ 378' w/ 30 sx (TOC 278')	Total Depth:	3630'								
f no, for what purpose was the well originally drilled? Oil and gas Name of the Injection Formation: n/a Name of Field or Pool (if applicable): Langlie Mattix Seven Rivers-Queen-Grayburg Langlie	Addtitional Data									
f no, for what purpose was the well originally drilled? Oil and gas   ?. Name of the Injection Formation: n/a   Name of Field or Pool (if applicable): Langlie Mattix Seven Rivers-Queen-Grayburg   I. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail,   e. sacks of cement or plug(s) used.   Oil and gas   Oil or Pool (if applicable):	I. Is this a new well o	drilled for inje	ection?			No				
Name of the Injection Formation:       n/a         Name of Field or Pool (if applicable):       Langlie Mattix Seven Rivers-Queen-Grayburg         Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail,         e. sacks of cement or plug(s) used.         Did perfs @ 3613'-3621'. PA'd 4-16-79 as follows:         Set 100' cmt plug 50' in & 50' out of 2-7/8" casing stub @ 2050' w/ 30 sx (TOC 1950')         Set 100' cmt plug @ 378' w/ 30 sx (TOC 278')	-			drilled?	······································	Oil and gas		٩.		
<ul> <li>Name of Field or Pool (if applicable): Langlie Mattix Seven Rivers-Queen-Grayburg</li> <li>Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail,</li> <li>e. sacks of cement or plug(s) used.</li> <li>Did perfs @ 3613'-3621'. PA'd 4-16-79 as follows:</li> <li>Set 100' cmt plug 50' in &amp; 50' out of 2-7/8" casing stub @ 2050' w/ 30 sx (TOC 1950')</li> <li>Set 100' cmt plug @ 378' w/ 30 sx (TOC 278')</li> </ul>										
.e. sacks of cement or plug(s) used.         Dld perfs @ 3613'-3621'. PA'd 4-16-79 as follows:         Set 100' cmt plug 50' in & 50' out of 2-7/8" casing stub @ 2050' w/ 30 sx (TOC 1950')         Set 100' cmt plug @ 378' w/ 30 sx (TOC 278')	-					Langlie Mat	tix Seven	<b>Rivers-Quee</b>	en-Grayburg	
.e. sacks of cement or plug(s) used.         Did perfs @ 3613'-3621'. PA'd 4-16-79 as follows:         Set 100' cmt plug 50' in & 50' out of 2-7/8" casing stub @ 2050' w/ 30 sx (TOC 1950')         Set 100' cmt plug @ 378' w/ 30 sx (TOC 278')	L Has the well ever l	heen nerfora	ated in any	other zon	e(s)? Lista	III such nerforat	ed interva	lls and give r	luaging det:	ail
Dld perfs @ 3613'-3621'. PA'd 4-16-79 as follows:         Set 100' cmt plug 50' in & 50' out of 2-7/8" casing stub @ 2050' w/ 30 sx (TOC 1950')         Set 100' cmt plug @ 378' w/ 30 sx (TOC 278')		•	•			in outer periorat		no ana givo p	nogging dou	••••1
Set 100' cmt plug 50' in & 50' out of 2-7/8" casing stub @ 2050' w/ 30 sx (TOC 1950') Set 100' cmt plug @ 378' w/ 30 sx (TOC 278')				llows:	. <u></u>		,	· · · · · · · · · · · · · · · · · · ·	····	
Set 100' cmt plug @ 378' w/ 30 sx (TOC 278')					@ 2050' w	/ 30 sy (TOC 1	<u></u>			
					@ 2000 W	/ 50 32 (100 1	3307			
	من بالالالي بين المحمد بنية أور معمد من يور بجيد بعد فعين وي م		100210	·/	· · · · · · · · · · · · · · · · · · ·	<u></u>		1		
	por to as cint w su		······	······································	<u> </u>	<u></u>		····· ··· ··· ··· ··· ··· ··· ··· ···		

. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: almat Yates Gas Zone, Top @ approx. 3040'

#### ompletion Record

erfs:	3613'-3621'
cid, Shot, Fracture, Squeeze:	Frac w/ 15,000 gal refined oil & 30,000# sand

