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District I
1625 N. French Dr., Hobbs, NM 87240
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1301 W. Grand Ave., Artesia, NM 88210
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1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
May 27, 2004

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

WELL API NO. 30-025-36625
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. 23267
7. Lease Name or Unit Agreement Name: Langlie Lynn Queen Unit
8. Well Number 1 WSW
9. OGRID Number 162928
10. Pool name or Wildcat Santa Rosa (96747)

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3370' GR

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____

Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____

12. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data			
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPLETION <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER: Completion <input checked="" type="checkbox"/>	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

10/16/04 - Spud the 12-1/4" hole @ 2:30 p.m. Reached TD of 431' @ 6:00 p.m. 10/16/04. Cemented 9-5/8" casing with 250 sacks of Class "C" cmt w/2% CaCl₂, 3#/sack D42 & 1/4# sack of D29. Tailed w/50 sacks of Class "C". Had good circulation throughout job, float held good, circulated 30 sacks to the reserve.
10/17 - WOC 10/18-20 - Tested BOP & manifold to 250# low & 1000# high. Drill plugs, float & 20' cmt. Test casing: drill remainder of shoe joint. Reached total depth of 1820' on 10/19. Ran Platform Express & cut 13 sidewall cores. Ran and cemented the 7" casing @ 1820' w/400 sacks of Class "C" cmt w/2% CaCl₂. 2.0% D20, 3# sack D24 & 14# sack of D29. Tailed w/100 sacks of Class "C" neat cement. Released CapStar rig 10/20-/04. 10/23 - Cleaned location and set anchors. (con't on attached page)

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒ , a general permit ☐ or an (attached) alternative OCD-approved plan ☐

SIGNATURE Carolyn Larson TITLE Regulatory Analyst DATE 1-10-05

Type or print name Carolyn Larson

E-mail address:

clarson@energen.com

Telephone No. 432/684-3693

For State Use Only

APPROVED BY [Signature] TITLE PETROLEUM ENGINEER DATE JAN 14 2005

Conditions of Approval, if any:

Attachment

API – 30-025-36625 Langlie Lynn Queen Unit #1WSW State Lease 23267

Energen Resources Corporation OGRID 162928

Completion Report (continued)

10/26/04 – MIRU Great Basin's rig – installed a 7-1/16" BOP w/a set of 2-7/8" & CSO rams. RIH w/a mill tooth bit, casing scraper, XO, 2-7/8" SN & 55jts of 2-7/8" N-80 tubing. Tagged up @ 1769'. Set a frac tank and loaded w/360 bbls of filtered FW w/2 GPT of Schlumberger's clay stabilizer.

10/27/04 – Washed down to PBTD of 1770'. Pmpd 200 gals of 15% HCL acid w/corrosion inhibitor and 200 gals of xylene followed by 85 bbls of 2% FKCLW @ 1-1/2 BPM. Tested casing good to 2M# for 5 mins. Spotted 200 gals of 15% HCL double inhibited acid. Finished POOH w/tubing & BHA, reloaded hole w/2% FKCLW. Ran a GR/CCL log from PBTD of 1770' to surface. Perforated Rustler w/3 JSPF @ 120° phase @ following intervals: 1,338'-1348' & 1408' – 1424' for a total of 78 holes in the 86-foot gross interval & RDWL. RU Schlumberger and pressure casing to 500# to monitor. Acidized w/200 gals of spot acid plus 800 gals of 15% HCL acid & 150 1.3 SG/RCN ball sealers. Formation broke @ 1053#. The AIR was 7-1/2 BPM @ 1338#, had good ball action.. RD Schlumberger, opened well to test tank w/810#, flowed back 21 BF in 25 minutes and died. Swabbed the wwell, recovered 37 BF for the day. SD & left well open to TTON.

10/28/04 – Well was left open to TTON, no fluid recovery. RU swab, pulled from SN @1228', recovered a total of 10 BF for the day. RD swab, released packer @ 1235' & RIH w/ 2-7/8" tubing to PBTD. Spotted 30 bbls of 2% FKCLW w/5 gals of Baker's CRW-37 as a packer fluid. POOH w/the 2-7/8" tubing up to 892 & spotted 600 gals of Schlumberger's 15% HCL/DI acid w/additives w 2% FKCLW. Finished POOH w/ tubing, SN & pkr. Set 7"/10M# Plugwell "QuickDrill" CIBP @ 1300' & POOH w/WL. Perforate Santa Rosa w/ 3 JSPF, 120° phased @ the following intervals:

570'-578' – 24 holes

632'-642' – 30 holes

658'-670' – 36 holes

690'-700' – 30 holes

732'-790' - 174 holes

870'-888' – 54 holes for a total of 348 holes.

10/29/04 – RIH w/ a 2-7/8" packer to 502'. RU Schlumberger on the casing and pressure casing to 500# to monitor. Acidized w/600 gallons of spot acid plus 2400 gals of additional 15% HCL acid. Formation broke @ 782#, the AIR was 20 BPM @ 1950#. Flushed acid to bottom perms w/2% FKCLW. Well was on vacuum in 4 mins. Swabbed the well down to the SN @ 492' in 4 runs. Released packer @ 499'. RIH to 917' to clear perms of any ball sealers. RIH w/2-7/8" BPPS and 39 jts tubing to 1266'. Swabbing w/the FL constant @ 600' FS. Recovered a total of 100 BF for the day. RD left well open to TTON.

API – 30-025-36625

Langlie Lynn Queen Unit #1WSW

State Lease 23267

Energen Resources Corporation

OGRID 162928

Completion Report (continued)

10/30/04 – Well was left open to TTON w/no recovery. RU swab, IFL was @ 400' FS, recovered 154 BF in 6 hours of swabbing. Have a 2-day recovery of 254 BF. RD swab, POOH/LD workstring & BHA. Installed a 2-3/8" swage & a 2" ball valve. SI, clean location & RD PU. Turned over the Production Group to install electricity, get pmp ready & place well on water make-up service.

LI/18/04 – RU hydrotest equipment. SLMIH w/ a 6" 20 HP 52GPM sub pump and 30 jts of 2-3/8" 8rd tubing testing to 5K#. Landed the tubing @ 920' FS, NU wellhead, pump would not run. POOH, motor was burned up. SDON

11/20/04 – Opened well, static, picked up and RIH w/used 6-1/8" MT bit, 41 jts of 2-3/8" tubing to a depth of 1253', reciprocating thru the perms from 500' – 950'. RIH with a 6" OD Berkley-Franklin 20 HP, 50 GPM sub-pump. NU wellhead, started pump to the pit @ 11:04 a.m., pumped up in 4.5 minutes. Left casing SI. Shot fluid level after 2-1/2 hours. Shut the well down after 6 hours. Caught a sample and will have analyzed 11/22. SDFWE

11/23/04 – Started well pumping to the reserve pit, pumped 7-1/2 hrs. the FFL was @ 15 JFS, 456' FS, 466' of FAP. Will put to injection battery as soon as a plan is devised to treat the iron.

Well is SI waiting on economical water compatibility study.