Submit 3 Copies To Appropriate District Office

District I
1625 N. French Dr , Hobbs, NM 88240
District II
1301 W Grand Ave , Artesia, NM 88210
District III
1000 Rio Brazos Rd , Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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State of New Mexico
Energy, Minerals and Natural Resources

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

Form C-103
June 19, 2008

WELL API NO. 30-025-38813	
5. Indicate Type of Lease STATE ☐ FEE ☒	
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) 1. Type of Well: Oil Well ☒ Gas Well ☐ Other	7. Lease Name or Unit Agreement Name O.I. BOYD
	8. Well Number 5
2. Name of Operator CHEVRON U.S.A. INC.	9. OGRID Number 4323
3. Address of Operator 15 SMITH ROAD, MIDLAND, TEXAS 79705	10. Pool name or Wildcat LANGLIE MATTIX 7 RVR QN GRBG
4. Well Location Unit Letter M: 990 feet from the SOUTH line and 330 feet from the WEST line Section 23 Township 22-S Range 37-E NMPM County LEA	
[redacted]	11. Elevation *(Show whether DR, RKB, RT, GR, etc.)* 3329 GL' [redacted]

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
OTHER: INTENT TO ACIDIZE & SCALE SQUEEZE		OTHER:	

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

CHEVRON U.S.A. INC. INTENDS TO PULL THE TEST SUB, ACIDIZE, & SCALE SQUEEZE THE SUBJECT WELL. THE INTENDED PROCEDURE AND CURRENT AND PROPOSED WELLBORE DIAGRAMS ARE ATTACHED FOR YOUR APPROVAL.

Spud Date: Rig Release Date:

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

SIGNATURE Denise Pinkerton TITLE REGULATORY SPECIALIST DATE 09-11-2008

Type or print name DENISE PINKERTON E-mail address: leakejd@chevron.com PHONE: 432-687-7375

For State Use Only

APPROVED BY: [signature] TITLE PETROLEUM ENGINEER DATE SEP 16 2008

Conditions of Approval (if any):

O.I. Boyd #5
Langlie Mattix - Grayburg
T22S, R37E, Section 23
Job: Acidize & Scale Squeeze

Procedure:

1. ***This procedure is based on the most recent information regarding wellbore configuration and equipment that could be found in the Midland Office well files and computer databases as of 9/3/2008. Verify what is in the hole with the well file in the Eunice Field office. Discuss w/ WEO Engineer, Workover Rep, OS, ALS, and FS prior to rigging up on well regarding any hazards or unknown issues pertaining to the well.***

2. Displace flowline with fresh water. Have field specialist close valve at header. Pressure line according to the type of line. Buried fiberglass lines will be tested with 300 psi. All polypipe (SDR7 and SDR11) will be tested w/100 psi. All steel lines will be tested w/500 psi. If a leak is found, contact Donnie Ives for repair/replacement. If test is good, bleed off pressure and **open valve** at header. Document this process in the morning report.

3. MI & RU workover unit. Bleed pressure from well, if any. Pump down csg with 8.6 PPG cut brine water, if necessary to kill well. Remove WH. Install BOP's and test as required. POOH with 2-7/8" tbg & ESP. Stand back tbg and LD ESP pump.

4. PU & GIH with 4-3/4" MT bit and 2-7/8" production tbg to PBTD @4265'. Record depth tagged in report. Reverse circulate using 8.6 ppg cut brine, if necessary use foam air.

5. RIH w/ 7" PPI packer w/ SCV and 10' element spacing testing production tbg to 5,000 psi. Test PPI packer in blank pipe. Mark Settings.

6. MI & RU DS Services. Acidize perfs 3680-3905' with 5,150 gals 15% NEFE HCl acid* at a maximum rate **of 1 BPM** and a maximum surface pressure of **3,500 psi** as follows:

Perfs	Net Feet	Acid Volume (gals)	PPI Settings
3898-3905	7	300	3896-3906
3886-3890	4	200	3887-3897
3875-3882	7	350	3874-3882
3863-3867	4	200	3862-3872
3850-3859	9	400	3851-3861
3833-3840	7	300	3832-3842
3814-3822	8	400	3813-3823
3798-3808	10	500	3798-3808
3787-3790	3	200	3880.5-3890.5
3781-3783	2		
3766-3776	10	500	3766-3776
3750-3758	8	400	3749-3759
3742-3745	3	200	3740-3750

3728-3737	9	400	3727.5-3737.5
3715-3720	5	200	3712-3722
3702-3706	4	200	3700-3710
3686-3690	4	200	3687-3697
3680-3683	3	200	3674-3684
Total	107	5150	

Displace acid with 8.6 PPG cut brine water -- do not over displace. Use a SCV to control displacement fluid. Record ISIP, 5 & 10 minute SIP's. RD and release DS services. **Note: Pickle tubing in 1 run of 500 gals acid, prior to acidizing perfs. Pickle acid is to contain only ½ gal A264 and 1 gal W53. Also, if communication occurs during treatment of any interval, monitor casing pressure and attempt to complete stage w/o exceeding 350 psi csg pressure. If cannot, then move PPI to next setting depth and combine treatment volumes of the intervals.**

* Acid system to contain:	1 GPT A264	Corrosion Inhibitor
	8 GPT L63	Iron Control Agents
	2 PPT A179	Iron Control Aid
	20 GPT U66	Mutual Solvent
	2 GPT W53	Non-Emulsifier

7. Release PPI & PU to approximately 3605'. Fish SCV & SV. Set pkr @ 3605'. Swab back all intervals together. Recover 100% of treatment and load volumes before shutting well in for night, if possible. Report recovered volumes, pressures, and/or swabbing fluid levels. Discuss results with Engineering.

8. Drop SCV. MI & RU pump truck. Perform PPI scale squeeze on perfs 3680-3905' with **4,420** gals Scale Inhibitor* at a maximum rate of **1 BPM** and a maximum surface pressure as workstring allows, as follows:

Perfs	*Net Feet*	*Volume*	*PPI Setting*
3898-3905	7	290	3896-3906
3886-3890	4	165	3887-3897
3875-3882	7	290	3874-3882
3863-3867	4	165	3862-3872
3850-3859	9	372	3851-3861
3833-3840	7	289	3832-3842
3814-3822	8	330	3813-3823
3798-3808	10	413	3798-3808
3787-3790	3	206	3880.5-3890.5
3781-3783	2		
3766-3776	10	413	3766-3776
3750-3758	8	330	3749-3759
3742-3745	3	124	3740-3750
3728-3737	9	372	3727.5-3737.5
3715-3720	5	207	3712-3722
3702-3706	4	165	3700-3710

3686-3690	4	165	3687-3697
3680-3683	3	124	3674-3684
	Totals	***4420***	

Note: If no fluid entry after swabbing do not drop SCV, consult engineering. If communication occurs during treatment of any interval, monitor casing pressure and attempt to complete stage w/o exceeding 500 psi csg pressure. If cannot, then move the PPI tool to next setting depth and combine treatment volumes of the interval.

*Scale squeeze system to contain:
25 bbls 8.6 PPG Brine per 1 drum (55 gal) Baker RE-47777 Scale Inhibitor.

9. POOH with 2-7/8" Production tbg & PPI packers. Stand back tbg & LD PPI packers.

10. RIH w/ 2-7/8" production tubing and hang off per ALS recommendation.

11. ND BOP & NU WH. RD Key PU & RU. Turn well over to production. Report producing rates, choke sizes, flowing pressures and/or fluid levels.

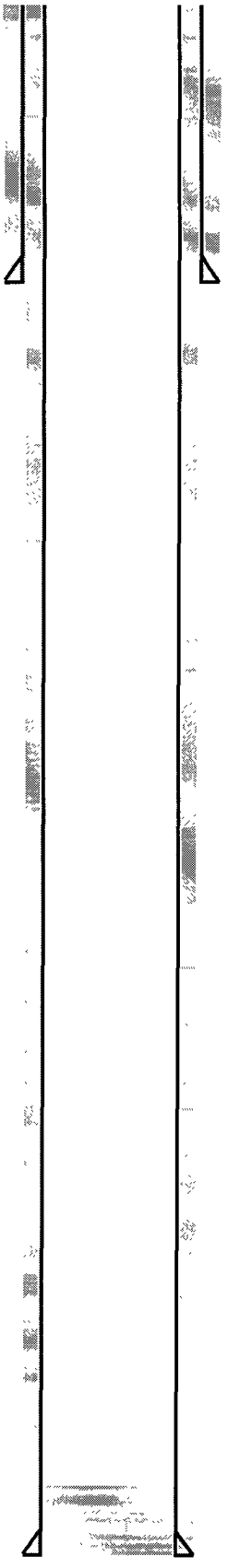
Engineer – Lonnie Grohman
432-687-7420 Office
432-238-9233 Cell

Well: **O.I. Boyd # 5** Field: **Langlie Mattix** Reservoir: **Grayburg**

Location:
990' FSL & 330' FWL
Section: 23 *Unit Letter:* M
Township: 22S
Range: 37E
County: Lea State. NM

Elevations:
KB: 3341'
DF: 3340'
GL: 3329'

Current Wellbore Diagram



Well ID Info:
Chevno: LE2194
API No: 30-025-38813
L5/L6:
WBS:
Spud Date. 5/31/2008
Compl. Date:

Surf. Csg: 8 5/8", 24#, J-55
Set: @ 450' w/ 300 sks
Hole Size: 12 1/4"
Circ: Yes **TOC:** Surface
TOC By: Circulated

This wellbore diagram is based on the most recent information regarding wellbore configuration and equipment that could be found in the *Midland Office well files and* computer databases as of the update date below. Verify what is in the hole with the well file in the Eunice Field Office. Discuss w/ WEO Engineer, WO Rep, OS, ALS, & FS prior to rigging up on well regarding any hazards or unknown issues pertaining to the well.

Tubing Detail:

#Jts:	*Size:*	*Footage*
None	KB Correction	11 00

0	Bottom Of String >>	11.00

Perfs: **Status:**
None

COTD: 4265'
PBTD: 4265' (float collar)
TD: 4309'

Prod. Csg: 5 1/2", 15 50#, J-55
Set: @ 4309' w/ 1125 sks
Hole Size: 7 7/8"
Circ: Yes **TOC:** Surface
TOC By: Circulated

Updated: 6/12/2008 **By:** MAHO

Well **O.I. Boyd # 5** Field: **Langlie Mattix** Reservoir: **Grayburg**

Location:
990' FSL & 330' FWL
Section: 23 Unit Letter. M
Township: 22S
Range: 37E
County. Lea State: NM

Elevations:
KB: 3341'
DF 3340'
GL: 3329'

Proposed Wellbore Diagram

Well ID Info:
Chevno: LE2194
API No: 30-025-38813
L5/L6:
WBS:
Spud Date: 5/31/2008
Compl. Date:

oil fee

Surf. Csg: 8 5/8", 24#, J-55
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This wellbore diagram is based on the most recent information regarding wellbore configuration and equipment that could be found in the Midland Office well files and computer databases as of the update date below. Verify what is in the hole with the well file in the Eunice Field Office. Discuss w/ WEO Engineer, WO Rep, OS, ALS, & FS prior to rigging up on well regarding any hazards or unknown issues pertaining to the well.

Tubing Detail:

#Jts:	Size:	Footage
	KB Correction	11 00
116	Jts 2 7/8" EUE 8R J-55 Tbg	3596 00
	TAC	3 15
14	Jts 2 7/8" EUE 8R J-55 Tbg	434 00
1	Jt 2 7/8" EUE 8R J-55 IPC Tbg	31 00
	SN	1 10
	2 7/8" x 4' Perf Tbg Sub	4 00
1	Jt 2 7/8" EUE 8R J-55 Tbg	31 00
	Bull Plug	0 50
132	**Bottom Of String >>**	**4111.75**

Perfs:	Status:
3680-83'	Grayburg - Open
3686-90'	Grayburg - Open
3702-06'	Grayburg - Open
3715-20'	Grayburg - Open
3728-37'	Grayburg - Open
3742-45'	Grayburg - Open
3750-58'	Grayburg - Open
3766-76'	Grayburg - Open
3781-83'	Grayburg - Open
3787-90'	Grayburg - Open
3798-3808'	Grayburg - Open
3814-22'	Grayburg - Open
3833-40'	Grayburg - Open
3850-59'	Grayburg - Open
3863-67'	Grayburg - Open
3875-82'	Grayburg - Open
3886-90'	Grayburg - Open
3898-3905'	Grayburg - Open

Prod. Csg: 5 1/2", 15 50#, J-55
Set: @ 4309' w/ 1125 sks
Hole Size: 7 7/8"
Circ: Yes **TOC:** Surface
TOC By: Circulated

COTD: 4265'
PBTD: 4265' (float collar)
TD: 4309'

Updated: 6/12/2008 **By:** MAHO