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

HOBBS OCD
MAY 11 2011
RECEIVED

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. 30-025-10424

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.)

7. Lease Name or Unit Agreement Name: O.I. BOYD

1. Type of Well: Oil Well ☒ Gas Well ☐ Other

8. Well Number 2

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: LNG MTX 7 RVR QN GRAYBURG

4. Well Location
Unit Letter O: 660 feet from the SOUTH line and 1980 feet from the EAST line
Section 23 Township 22-S Range 37-E NMPM County LEA

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

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 ACIDIZE & SCALE SQUEEZE THE SUBJECT WELL.
PLEASE FIND ATTACHED, THE INTENDED PROCEDURE, WELLBORE DIAGRAM, & C-144 INFO.

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 05-10-2011

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

For State Use Only

APPROVED BY: Gary W. Hill TITLE DISTRICT 1 SUPERVISOR DATE MAY 18 2011

Conditions of Approval (if any):

April 27, 2011

O. I. Boyd #2
Langlie-Mattix North Field
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 April 27, 2011. 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/1000 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. **Note: Prior to performing this step of the procedure, ensure that all valves, pipe, and fittings that will be exposed to test pressure are rated higher than the planned test pressure.**

3. MI & RU workover unit. POOH w/ rods & pump. ND wellhead, unset TAC, NU BOP. (TAC 3568', TOP PERF 3633', EOT 4005', COTD 5421'). PU one joint and tag for fill. POOH while scanning 2-7/8 6.5# J-55 prod tbg. Strap pipe out of the hole to confirm depths. LD all non-yellow band joints.

4. Contact Sonic tool rep to be on site during job. PU and GIH with Sonic Hammer tool and 2-7/8" L-80 6.5# workstring to 3876' while hydrotesting tbg to 5500 psi. Stand back tbg to top perfs. Install stripper head and stand pipe with sufficient treating line to move tools vertically 65'. Rig up pressure gauges to allow monitoring of tbg and csg pressure.

5. Treat interval 3633'-3876' with 50 bbls of water per stand 8.6 PPG cut brine water. Pump down 2-7/8" tbg and through Sonic Hammer tool at **5 BPM** while reciprocating tool across the perforated interval. Do not exceed 5000 psi. Leave annulus open in circulation mode while treating the perforated interval with water.

   Follow the 8.6 PPG cut brine water w/ 1,500 gals 15% NEFE (Non Emulsifying Iron Sequestering) HCl acid per perf interval. Spot 3 bbls acid outside tbg, shut in and close csg valve, pump acid @ 5BPM at first perf interval from 3695' – 3633', monitor csg pressure and do

not exceed 300 psi on backside. If backside pressure cannot be maintained below 300 psi while treating, contact remedial engineer. Ensure that 1500 gal of acid is pumped across each section of perfs (6000 gals acid total). Flush tbg w/ 8.6 cut brine, make a connection and continue w/ next interval. Please see below example of intervals.

STAND	PERF DEPTH
1	3695' – 3633'
2	3751' – 3700'
3	3818' – 3761'
4	3876' – 3821'

Shut in for 1 hr for the acid to spend. Bleed excess pressure off at surface if necessary to keep casing pressure below 500 psi.

6. Pump down 2-7/8" tbg and through Sonic Hammer tool at **5 BPM** from 3876'-3633' with 200 bbls 2% KCl water containing 3 drums Baker SCW-358 Scale Inhibitor.

STAND	PERF DEPTH
1	3876' – 3821'
2	3818' – 3761'
3	3751' – 3700'
4	3695' – 3633'

7. Ensure top of tbg is flushed with water before making a connection. PU to top of perfs. Pump 50 bbls 8.6 PPG cut brine water to scale squeeze well. Do not exceed **300 psi** casing pressure or **5 BPM** while pumping scale squeeze or casing flush. RD and release pump truck.

8. POH & LD 2-7/8" WS and Sonic Hammer tool.

9. RIH w/ 2-7/8" production tubing and hang off per ALS recommendation. NDBOP. NU WH. RIH w/ rods and pump per ALS. RD and release workover unit.

10. Turn well over to production. Report producing rates, choke sizes, flowing pressures and/or fluid levels. Notify field specialist when complete. Roy Kettula 575-631-9475 or Geoffrey Parker 575-631-9046.

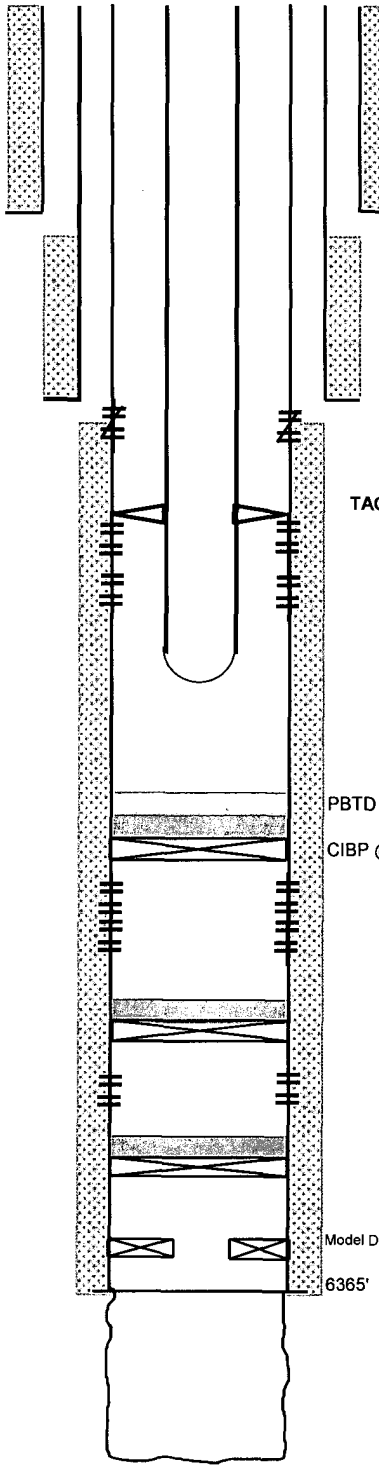
Well: **OI Boyd 02**

Field: Langlie Mattix - 7r Q GB **Reservoir: Grayburg**

Location:
660' FSL & 1980' FEL
Section: 23 Unit O
Township: 22S
Range: 37E
County: Lea State: NM

Elevations:
GL:
DF: 3326'
KB: 10'

Current 5/21/06
Wellbore Diagram



Well ID Info:
Refno: **FB1413**
API No: 3002510424
L5/L6: U46/0600
Spud Date:
ComplDate:

Surf. Csg:
Size 13 3/8
Weight 48 #
Set: @ 318'
With: 300sx
Hole Size: 17.5"
Circ: yes
TOC @ surf

Int. Csg:
Size 9 5/8
Weight 36#
Set: @ 2879'
With: 1300sx
Hole Size: 12.5
Circ: no
TOC @ 545'

Sqz perfs @ 2890'

TAC: 3565.6'

Tubing: J-55 2.875" 6.5#
Length 4005'

Perfs	Status
3633-3635	Grayburg - open
3657-3659	Grayburg - open
3663-3672	Grayburg - open
3675-3678	Grayburg - open
3687-3695	Grayburg - open
3700-3706	Grayburg - open
3717-3725	Grayburg - open
3730-3736	Grayburg - open
3743-3751	Grayburg - open
3761-3770	Grayburg - open
3777-3787	Grayburg - open
3793-3800	Grayburg - open
3809-3818	Grayburg - open
3821-3829	Grayburg - open
3843-3850	Grayburg - open
3854-3864	Grayburg - open
3866-3876	Grayburg - open

Perfs:	Status
5610 - 5658	isolated
5712 - 5814	isolated

Perfs:	Status
5905 - 5950	TA
6000 - 6150	TA
TUBB	

Prod. Csg:
Size 7
Weight 23
Set @ 6,335 '
With: 700sx
Hole Size: 9"
Circ: no
TOC @ 2,945 '

Perfs	Status
DRINKARD	

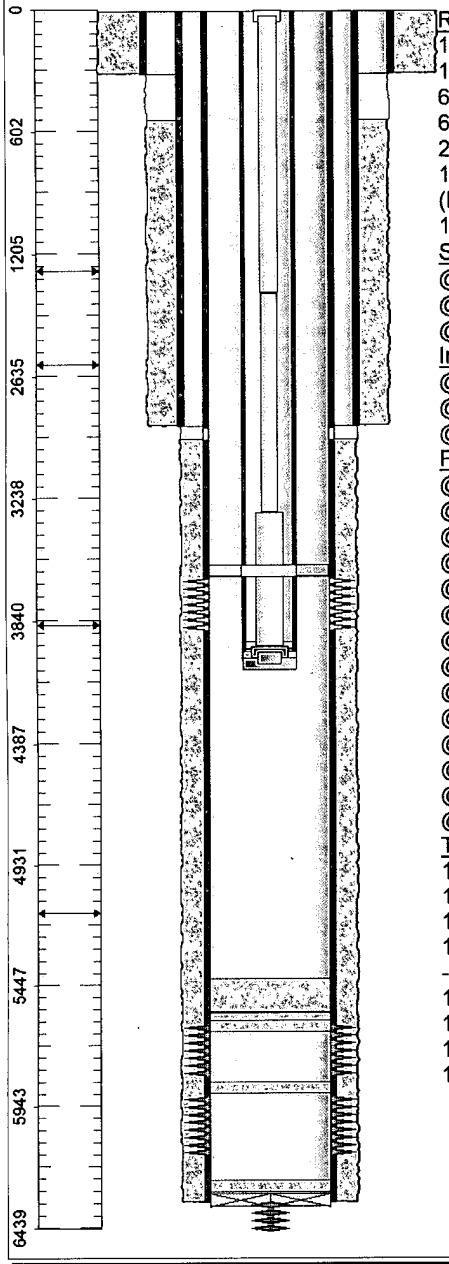
PBTD: 5,421 '
TD: **6,440 '**

Updated: 5-Feb-11
By: DNCU

Perfs	Status	
3633-3635	Grayburg - open	4JSPF
3657-3659	Grayburg - open	4JSPF
3663-3672	Grayburg - open	4JSPF
3675-3678	Grayburg - open	4JSPF
3687-3695	Grayburg - open	4JSPF
3700-3706	Grayburg - open	4JSPF
3717-3725	Grayburg - open	4JSPF
3730-3736	Grayburg - open	4JSPF
3743-3751	Grayburg - open	4JSPF
3761-3770	Grayburg - open	4JSPF
3777-3787	Grayburg - open	4JSPF
3793-3800	Grayburg - open	4JSPF
3809-3818	Grayburg - open	4JSPF
3821-3829	Grayburg - open	4JSPF
3843-3850	Grayburg - open	4JSPF
3854-3864	Grayburg - open	4JSPF
3866-3876	Grayburg - open	4JSPF

Chevron U.S.A. Inc. Wellbore Diagram : BOYD2G

Lease: OEU EUNICE	**Well No.:** BOYD O I 2	**Field:** FLD-LANGLIE MATTIX NORTH	
Location: 660FSL1980FEL	**Sec.:** N/A	**Blk:**	**Survey:** N/A
County: Lea **St.:** New Mexico	**Refno:** FB1413	**API:** 3002510424	**Cost Center:** UCMK90500
Section: 23	**Township:** 022 S		**Range:** 037 E
Current Status: ACTIVE		**Dead Man Anchors Test Date:** 03/12/2008	
Directions:			



Rod String Quantity (Top-Bottom Depth) Desc
1 @(0-26) 1.500 (1 1/2 in.) Spray Metal x 26
1 @(26-30) 1.000 (1 in.) D Rod Sub(s)
62 @(30-1580) 1.000 (1 in.) D x 25 Rod
69 @(1580-3305) 0.875 (7/8 in.) D x 25 Rod
26 @(3305-3955) 1.500 (1 1/2 in.) K x 25 Sinker Bar
1 @(3955-3979) Rod Pump (Insert) (NON-SERIALIZED) - 25-200-RHBC-24-4 (Bore = 2.00)
1 @(3979-3991) Pump Screen

Surface Casing (Top-Bottom Depth) Desc
@(10-318) Wellbore Hole OD-17.5000
@(10-318) Unknown 13.375 OD/ 48.00# Round Short 12.715 ID 12.559 Drift
@(10-318) Cement

Intermediate Casing (Top-Bottom Depth) Desc
@(10-2879) H-40 9.625 OD/ 36.00# Round Short 8.921 ID 8.764 Drift
@(545-2879) Cement
@(318-2879) Wellbore Hole OD-12.5000

Production Casing (Top-Bottom Depth) Desc
@(2890-2890) Casing Patch Sqzd Perfs
@(3633-3876) Perforations - Open Grayburg
@(5421-5560) Fill in Wellbore (Produced Sand, etc) - Bare
@(5560-5590) Plug - Cement - Bare
@(5590-5593) Bridge Plug Cast Iron 7.000"
@(5610-5814) Perforations BLINEBRY
@(5843-5850) Bridge Plug (Unknown Type) 7.000"
@(5905-6150) Perforations TUBB
@(6245-6280) Bridge Plug (Unknown Type) 7.000"
@(6300-6303) Packer 7.000" Model "D"
@(2945-6335) Cement
@(2879-6335) Wellbore Hole OD- 9.0000
@(10-6335) N-80 7.000 OD/ 23.00# Round Long 6.366 ID 6.241 Drift
@(6335-6440) Open Hole DRINKARD

Tubing String Quantity (Top-Bottom Depth) Desc
116 @(10-3566) J-55 2.875 OD/ 6.50# T&C External Upset 2.441 ID 2.347
1 @(3566-3568) Tubing Anchor/Catcher 2.875"
12 @(3568-3936) J-55 2.875 OD/ 6.50# T&C External Upset 2.441 ID 2.347
1 @(3936-3968) J-55 2.875 OD/ 6.50# T&C External Upset 2.441 ID 2.347 Drift - Internal Plastic Ctg-TK-99
1 @(3968-3969) Seat Nipple - Standard (2.875") Cup Type
1 @(3969-3973) Perforated Sub
1 @(3973-4004) Bull Plug Mud Anchor 2.875"
1 @(4004-4005) Bull Plug (Unknown Type) - 2.875"

Ground Elevation (MSL):: 0.00	**Spud Date:** 06/18/1970	**Compl. Date:** 01/01/1970
Well Depth Datum:: CSI0000N	**Elevation (MSL)::** 0.00	**Correction Factor:** 10.00
Last Updated by: dncu	**Date:** 04/27/2011	