

Submit 1 Copy To Appropriate District
Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised August 1, 2011

HOBBS OCD

OIL CONSERVATION DIVISION

MAR 06 2013

1220 South St. Francis Dr.
Santa Fe, NM 87505

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.)		WELL API NO. 30-025-25198
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator CHEVRON U.S.A. INC.		6. State Oil & Gas Lease No.
3. Address of Operator 15 SMITH ROAD, MIDLAND TEXAS 79705		7. Lease Name or Unit Agreement Name LEONARD H. NCT-E
4. Well Location Unit Letter A : 330 feet from the NORTH line and 600 feet from the EAST line Section 16 Township 21S Range 37E NMPM County LEA		8. Well Number 6
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		9. OGRID Number 4323
		10. Pool name or Wildcat PENROSE SKELLY GRAYBURG

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: SONIC HAMMER, 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 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

CHEVRON U.S.A. INC. INTENDS TO SONIC HAMMER, ACIDIZE & SCALE SQUEEZE THE PERFS IN THE SUBJECT WELL.

THE INTENDED PROCEDURE, WELLBORE DIAGRAM & C-144 CLEEZ 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 Scott Haynes TITLE PERMIT SPECIALIST DATE 3/5/2013

Type or print name SCOTT HAYNES E-mail address: TOXO@CHEVRON.COM PHONE: 432-687-7198

For State Use Only

APPROVED BY: Mary Brown TITLE Compliance Officer DATE 3/8/2013
Conditions of Approval (if any):

MAR 13 2013

Squeeze Pump Schedule						
Step		Interval (ft)	Max Rate (BPM)	Volume Brine (bbl)	Volume Scale Chem. (Gal)	Cum Volume (bbl)
1	Pump Chemical/brine while moving from	3968' - 3920'	5	10	41	11.0
2	Pump Brine while moving from	3968' - 3920'	5	30		41
3	Pump Chemical/brine while moving from	3968' - 3920'	5	10	41	52
4	Pump Brine while moving from	3968' - 3920'	5	12		64
5	Move pipe to next interval of	3908' - 3846'				64
6	Pump Brine while moving from	3908' - 3846'	5	18		82
7	Pump Chemical/brine while moving from	3908' - 3846'	5	10	41	93
8	Pump Brine while moving from	3908' - 3846'	5	12		105
9	Move pipe to next interval of	3846' - 3787'				105
10	Pump Brine while moving from	3846' - 3787'	5	18		123
11	Pump Chemical/brine while moving from	3846' - 3787'	5	10	42	134
12	Pump Brine while moving from	3846' - 3787'	5	11		145
13	Move pipe to next interval of	3787' - 3725'				145
14	Pump Brine while moving from	3787' - 3725'	5	59		204

11. Ensure Sonic Hammer is above all perforations. Do not exceed 500 psi casing pressure or 5 BPM while pumping scale squeeze or casing flush. RD and release pump truck.
12. Run back in the hole and tag for fill. If fill entry was identified above 4,200', clean-out to 4400' following step 5.
13. POOH & LD 2-7/8" WS and Sonic Hammer tool.
14. RIH with 2-7/8" production tubing hydrotesting to 6,000 psi. Set TAC per ALCR recommendation. ND BOP. NU WH. RIH with rods and pump per ALCR. Hang well on. RD and release workover unit.
15. Turn well over to production.

FOAM / AIR CLEANOUT PROCEDURE

- This procedure is an addition to the original procedure.
 1. Install flowback manifold with two chokes. All components on flowback manifold must be rated to at least 5,000 psi. If possible, flowback manifold components should be hydrotested before delivery. Hardline pipes from 2" casing valve to manifold to half pit with gas buster.
 2. Install flowback tank downwind from rig.
 3. Position Air unit upwind from Rig next to water tanks. Have vacuum truck on standby to empty halfpit. (if needed)
 4. RIH with 4-3/4" MT bit, 4 (3-1/2") drill collars on 2-7/8" 6.5# L-80 WS.
 5. NU stripper head with **NO Outlets** (Check stripper cap for thread type - course threads preferred). **Stripper head to be stump tested to 1,000 psi before being delivered to rig.** Check chart or test at rig.
 6. RU foam air unit. Make quality foam on surface before going down hole with foam/air. Install flapper float at surface before beginning to pump. Break circulation with foam/air. Evacuate fluid from well.

Pump high quality foam at all times. Do not pump dry air at any time. Fluid injection rates will generally be above 12 gallons per minute

Whenever there is pressure on the stripper head, have a dedicated person continuously monitor pressure at choke manifold and have a dedicated person at accumulator ready to close annular BOP in case stripper leaks. Do not allow pressure on stripper head to exceed 500 psi. If pressure cannot be controlled below 500 psi, stop pumping, close BOP and bleed off pressure.

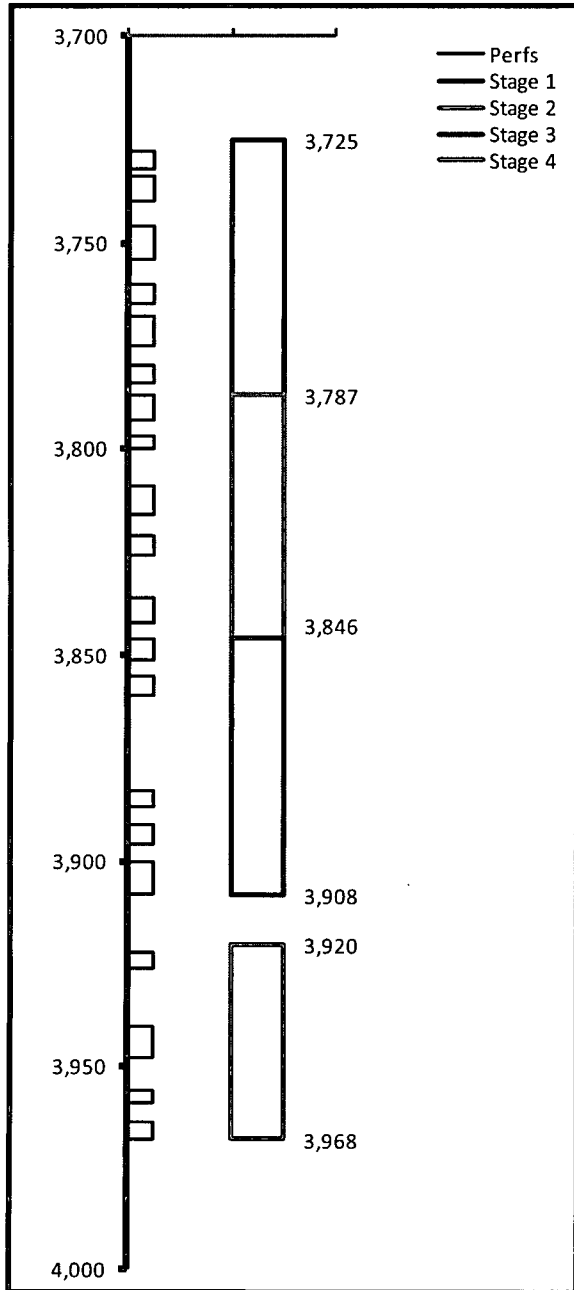
7. Clean out fill to 4,400' with low RPM's rotation and circulation, always keep pipe moving. Short trips can be beneficial to hole cleaning. Circulate well clean for at least 1 hour at the end of the day and pull up above the perforations before shut down for night. If the foam/air unit goes down, pull above the perforations.
8. When tripping out of hole, have special float bleed off tool available to relieve trapped pressure below float.

Ensure that high quality, stiff foam is pumped while circulating the fill. Stiff foam is required to prevent segregation while circulating. Monitor flow and pressures carefully when cleaning out.

Before rigging up power swivel to rotate, carefully inspect Kelly hose to ensure that it is in good condition. Ensure that swivel packing is in good condition.

Continue on with original procedure for completion.

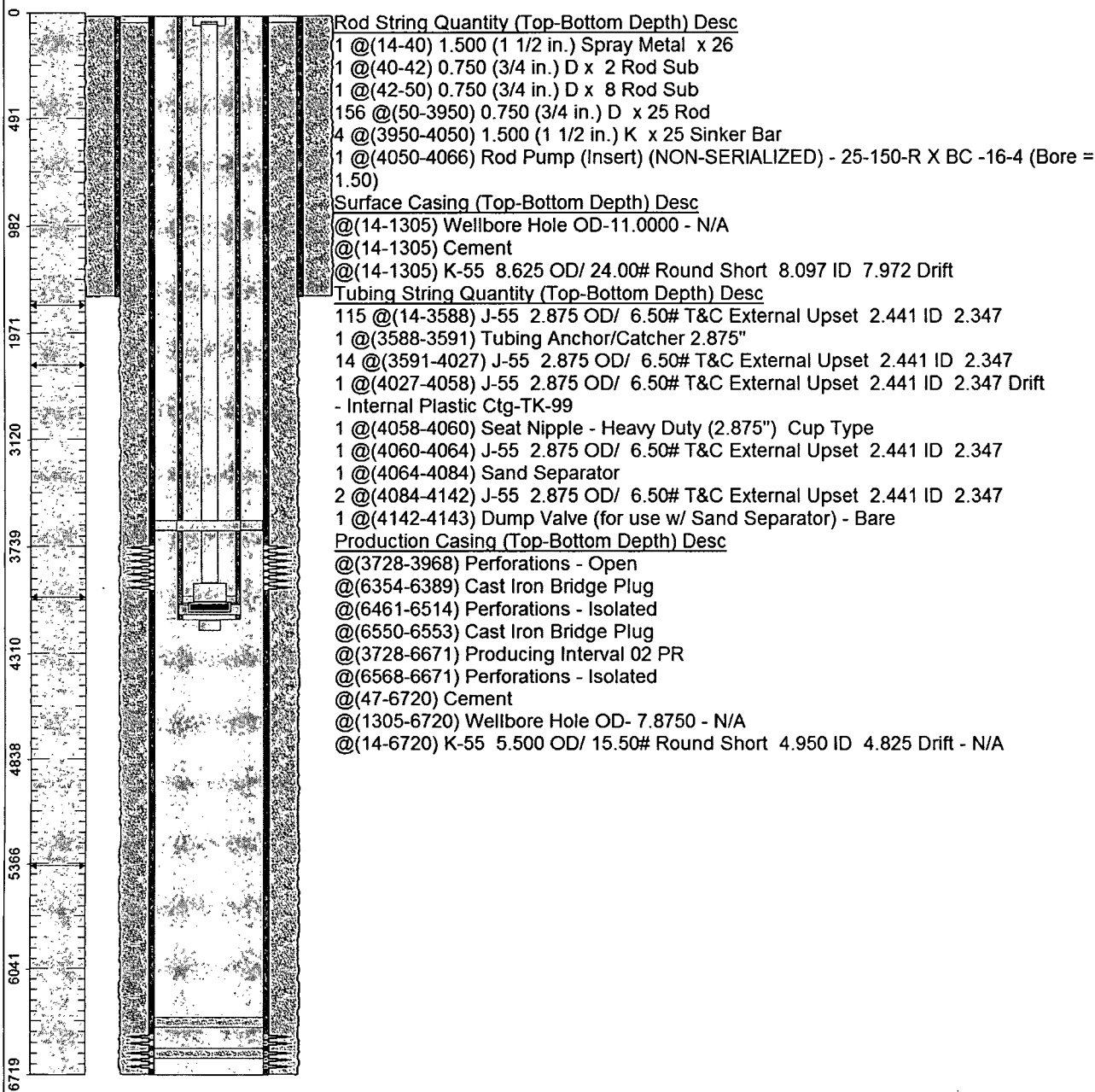
Leonard H NCT-E #6

[illegible]

240

Chevron U.S.A. Inc. Wellbore Diagram : LEONARDHE6G

Lease: OEU EUNICE		Well No.: LEONARD H /NCT-E/ 6		Field: FLD-PENROSE SKELLY	
Location: 330FNL600FEL		Sec.: N/A		Blk:	Survey: N/A
County: Lea	St.: New Mexico	Refno: E08223		API: 3002525198	Cost Center: UCU492000
Section: 16		Township: 021 S			Range: 037 E
Current Status: ACTIVE				Dead Man Anchors Test Date: NONE	

Directions:

Ground Elevation (MSL):: 3465.00	Spud Date: 01/01/1976	Compl. Date: 05/01/2002
Well Depth Datum:: CSI0000N	Elevation (MSL):: 0.00	Correction Factor: 14.00
Last Updated by: fitecl	Date: 02/25/2013	