

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

Form C-103
Revised August 1, 2011

WELL API NO. 30-025-26649	
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>	
6. State Oil & Gas Lease No. B-1576-3	
7. Lease Name or Unit Agreement Name East Vacuum GB-SA Unit Tract 3229	
8. Well Number 007	
9. OGRID Number 217817	
10. Pool name or Wildcat Vacuum; Grayburg-San Andres	
4. Well Location Unit Letter <u>K</u> : 2600 feet from the <u>South</u> line and 2500 feet from the <u>West</u> line Section 32 Township 17S Range 35E NMPM County LEA	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3962' GR	

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"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
OTHER: Scab Liner install/ MIT <input checked="" type="checkbox"/>		OTHER: <input 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 19.15.7.14 NMAC. For Multiple Completions, Attach wellbore diagram of proposed completion or recompletion.

ConocoPhillips request to perform a Scab Liner installation per attached procedures w/justification.

Current wellbore schematic attached.

11.6 C Packer shall be set within or less than 100 feet of the uppermost injection perfs or open hole.

**The Oil Conservation Division
MUST BE NOTIFIED 24 Hours
Prior to the beginning of operations**

**Condition of Approval: notify.
OCD Hobbs office 24 hours
prior of running MIT Test & Chart**

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 Rhonda Rogers TITLE Staff Regulatory Technician DATE 08/02/2012

Type or print name Rhonda Rogers E-mail address: rogerrs@conocophillips.com PHONE: (432)688-9174
For State Use Only

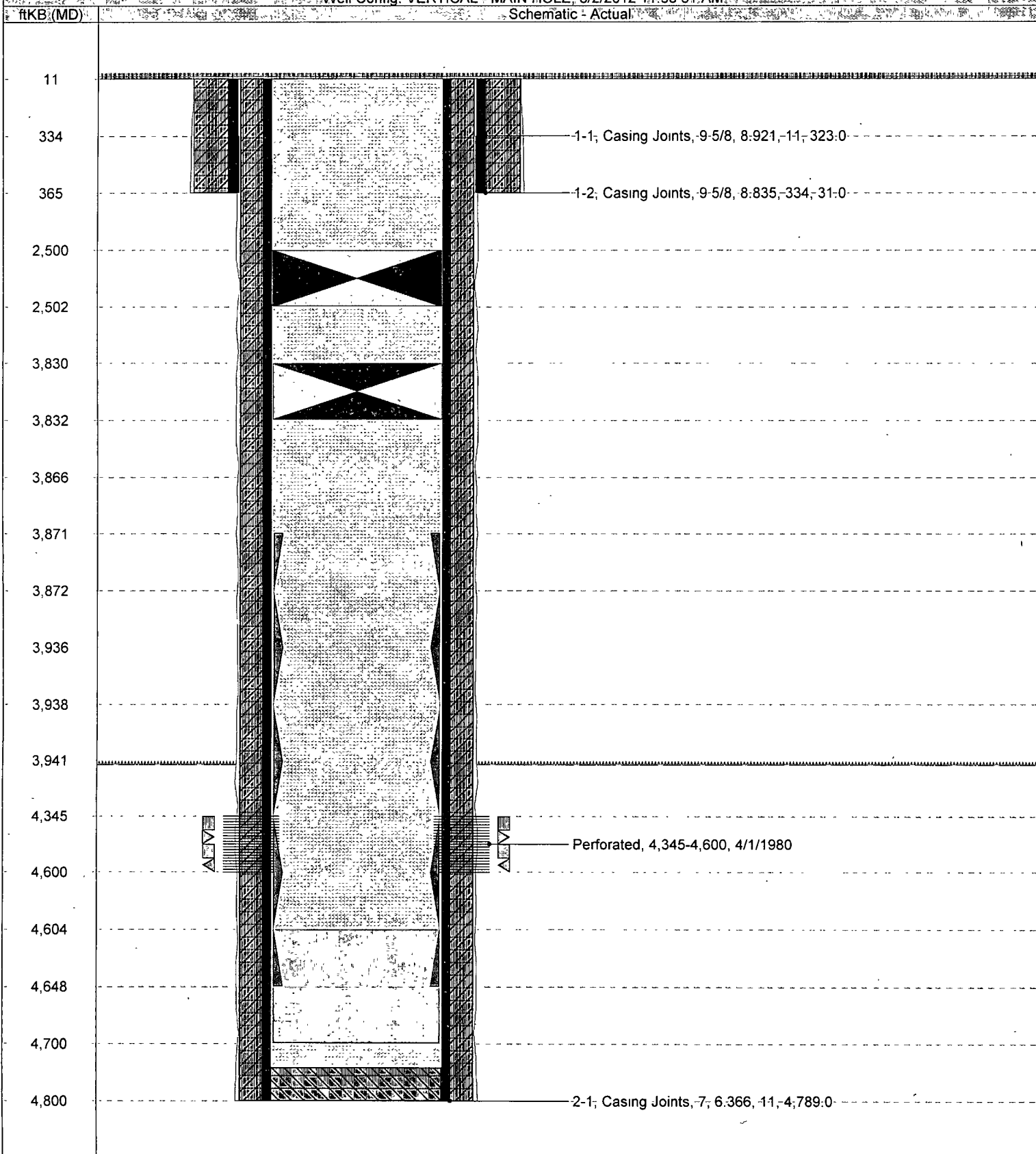
APPROVED BY: [Signature] TITLE Dist. Mgr DATE 8-13-2012
Conditions of Approval (if any):

AUG 14 2012

Most Recent Job

Jobs				
Job Category	Primary Job Type	Secondary Job Type	Actual Start Date	End Date
WELL INTERVENTION	REPAIR DOWNHOLE		4/28/2011	5/11/2011

Well Config: VERTICAL - MAIN HOLE, 8/2/2012 11:53:51 AM



EVGBSA Unit 3229-007W
API#:30-025-26649
Scab Liner Installation Procedure

August 1, 2012

Objective: Install scab liner and return to injection

API Number: 300252664900

Depths: TD =4800' PBTD = 2500' (RBP): 4648' normal op. conditions.

Justification: The EVGSAU 3229-007W was TA'ed May 2011 due to not being able to establish a packer seat/ MIT near enough to the top perforated interval as per NMOCD regulations. This wellbore is required to continue injecting water and CO2 (WAG) into the Grayburg/San Andres oil reservoir to recover tertiary oil.

Existing Perforations

- Grayburg/San Andres: 4345'-4600' (153 ft net; 153 holes)

All treatment and kill fluids to be treated with Biocide – Base fluid Inhibited Fresh Water.

Recommended Procedure

1. MIRU pulling unit. ND bonnet assembly and install dual BOP with 2 7/8" pipe rams installed on top and blind rams on bottom as per Buckeye SOP. Function test BOPE. Unload 2 7/8" workstring and 3 1/8" collars. PU 2 7/8" workstring with RBP overshot and TIH to RBP @ 2500'. POOH/stand back work string. RIH with RBP overshot to recover RBP # 2 @ 3830'-35' and load hole with 12.5 ppg mud. Latch/equalize RBP # 2. POOH and stand back 2 7/8" work string.
2. TIH with 6.125" bit and six(6) 3 1/8" drill collars on 2 .875" workstring to top of fill (last found @ 4604'). RU power swivel/pump/pi/tank/manifold. Circulate conventionally and clean out to 4648'+/-. POOH/stand back tubing and lay down collars & bit, filling hole after every 20 stands on trip out.
3. With PBTD @ 4648' and top of sand to be @ 4300', have 100 Ft3 of El Toro sand on location. Fashion a guide thru the BOP and dump the 100 FT3 sand down the 7" casing. Allow 2 hrs for the sand to settle and then put the pump on the hole to "stress" the sand plug to 500 psig. Note: This pressure may not be attained if the "bad" casing @ 3871 to top perf @ 4345' will in fact not hold pressure.
4. TIH with bit and 2.875" work string to locate PBTD, estimated to be @ 4200'+/-. Wash out sand to 4300'. PU to 4200', close rams, and "stress" sand to 500 psig. RBIH and check to ensure sand plug has not slipped. POOH and stand back 2.875" work string.
5. PU RBP and RIH to 300' to set. POOH. ND BOP and tubing head. Install new "B" section /or adaptor spool as necessary to accommodate 5" 13-15.5 #/ft. K-55 integral joint casing hanger. Replace 2 7/8" pipe rams with 5" pipe rams or annular preventer if 5" pipe rams not available. Re-install BOP.
6. RU casing crew and run the 5" scab liner with "fastdrill" guide shoe on bottom and float collar at the top of the bottom joint. Baker-Lok the shoe and the pin connection of the float collar. NOTE: minimum ID of 7" 23 # K-55 ST & C casing is 6.366" per Halliburton red book. Caliper guide shoe and float collar OD and 5" casing box connections while cleaning threads on rack.

7. Tag PBTD @ 4300' and pick up 2'. RU cementing service company. Test lines for leaks. Break circulation and pump 50 bbls gelled water followed by 325 sx 50:50 Pozmix A 2% bentonite with 10% salt mixed @ 5.75 gals water/sk. to yield 1.29 ft³/sk. to circulate cement to surface. Displace cement with brine water Bump the plug to 500 psig over the final displacement pressure. Release pressure to ensure check valve is reliable. Shut cementing head and RD cementing service company. Wash out the lower section in the adaptor spool to set 5" hanger/install primary packing. Note: if cement did not circulate to surface, run temperature survey within 4-6 hrs to determine TOC. Cut casing, install secondary packing, and re-install/test tubing head. Change pipe rams from 5" to 2 7/8". NU BOP.
8. WOC 72 hrs.
9. Pick up 4.25" OD mill on six (6) 3 1/8" drill collars and 2 7/8" work string. Drill out cement, float collar, and shoe joint. Test to 500 psig. Displace brine water with 12.5 ppg mud and drill out guide shoe. Continue in hole, washing out sand to PBTD @ 4648'. POOH and lay down 2 7/8" work string.
10. RIH with injection packer with pump-out plug installed in pup joint below packer, overshot tubing seal divider and internally coated 2 3/8" injection tubing to 4240'. Set packer and test annular integrity. Rotate off packer and displace mud with FSW followed by OS/CI fluid via annulus and returns via tubing.
11. Space out, latch packer and land tubing hanger. Perform "dummy" MIT. ND BOP. RD rig and release all ancillary equipment.
12. Run MIT with OCD rep. present. Blow out plug and put on injection. File MIT documentation.
13. After cumulative injection of 5000 bbls. since workover, acidize perms with 1500 gals 15% HCL. Put back on injection until an additional 5000 bbls is injected. Discuss current injection rates/pressures with BHI to evaluate need for any tweeking of Marcit polymer gel treatment schedule and/or stage volumes.
14. MI BHI equipment & materials with 2 frac tanks of fresh water. Pump "polymer gel" treatment to modify injection profile as per attachment in WellView.