

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

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

WELL API NO. 30-015-32190
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. 193805
7. Lease Name or Unit Agreement Name SOUTH CARLSBAD
8. Well Number 6
9. OGRID Number 258350
10. Pool name or Wildcat CARLSBAD
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3301' GR

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

2. Name of Operator  
VANGUARD PERMIAN LLC

3. Address of Operator  
5847 SAN FELIPE, STE 3000, HOUSTON TX 77057

4. Well Location  
 Unit Letter F : 1976 feet from the NORTH line and 1455 feet from the WEST line  
 Section 27 Township 23S Range 26E NMPM EDDY County

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 checked="" 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: <input 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.

Plugging detail per attached report.

Approved for plugging of well bore only.  
 Liability under bond is retained pending receipt of C-103 (Subsequent Report of Well Plugging) which may be found at OCD Web Page under Forms, www.emnrd.state.nm.us/oed.

RECEIVED  
 JUL 24 2012  
 NMOC D ARTESIA

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 [Signature] TITLE OPERATIONS ENGINEER DATE 07/23/2012

Type or print name C M (MARTY) BLOODWORTH E-mail address: mbloodworth@vnrlc.com PHONE: 432.362.2209 EXT 207  
 For State Use Only

APPROVED BY: [Signature] TITLE \_\_\_\_\_ DATE 7/24/2012  
 Conditions of Approval (if any):

Approved for plugging of well bore only.  
 Liability under bond is retained pending receipt of C-103 (Subsequent Report of Well Plugging) which may be found at OCD Web Page under Forms, www.emnrd.state.nm.us/oed.

Vanguard Permian LLC S. Carlsbad No. 6 Fishing Job and Abandonment Details for C103

- May 5 Ordered Equipment & Contacted All Service Companies to be on Location.  
 DAILY JOB COST: \$ TOTAL JOB COST: \$
- May 6 MIRU PU, TC Safety, BTI Flare Stack, Choke Manifold, & Mico Flow back Tank. SICP by existing Gauge 2100 psi. SITP 500 psi. RU Flare Stack To Backside, Unable To Continue Due To Lighting In Area. SDFN.  
 DAILY JOB COST: \$ TOTAL JOB COST: \$
- May 7 Arrive On Loc (AOL), Held Safety Meeting w/ All Personnel., RU Well Head To Choke Manifold to flare possible H2S gas. Opened backside. CP 1800 psi. Opened to Flare w/ 12/64" Choke. w/ 300 psi @ Choke Manifold . RU Reverse Unit To Tbg. Circ w/ 10# brine. Opened Tree w/ 100 psi On Tbg. Ppd 70 bbls 10# brine dwn well. Circ Thru the Flare. Unable To Continue Due To Well bore Fluids at flare. Secured Well SDFN. Ordered perimeter H2S Monitors & a Test Separator.  
 DAILY JOB COST: \$ TOTAL JOB COST: \$
- May 8 AOL, Held Safety Meeting, MIRU BTI Test Separator. Opened Well To Test Separator. 500 psi On Csg. RU Hinton Reverse Unit. Circ 250 bbls 10# brine @ 2 BPM, 0 psi tbg/csg press. 0 ppm H2S. ND WH. NU BOP, & RD Tbg Hanger. Secured Well SDFN  
 DAILY JOB COST: \$ TOTAL JOB COST: \$
- May 9 AOL. Held Safety Meeting, 0 psi tbg/csg press, 0 ppm H2S. TOH & LD 176 jts 2 7/8" Tbg. PU 4 3/4" bit, 5 1/2" Scraper, & Float Sub. RIH on 184 Jts 2 7/8" tbg. Stopped 1 Jt above top Bone Spring Perfs. Broke Circ. Cont TIH & Tagged @ 5915' (16' KB Correction) 45' Below Lower Perf. TOH to 5254'. Established Injection rate 2 BPM w/ 750 psi .Secured Well. SDFN.  
 DAILY JOB COST: \$ TOTAL JOB COST: \$
- May 12 AOL, Held Safety Meeting, 0 psi tbg/csg, 0 ppm H2S. TOH w/ 4 3/4" bit, 5 1/2" csg scraper & float sub. TIH w/ 5 1/2" Pkr on 176 Jts tbg to 5538'.Set pkr. Loaded & Tested csg/tbg annulus (Held 500 psi). Secured well SDFN. Wait on Halliburton Cmt Truck.  
 DAILY JOB COST: \$ TOTAL JOB COST: \$
- May 13 AOL, Held Safety Meeting, RU Halliburton Cmt Truck. Not Reading Correct Pressure Due To Electronic Psi Gauge, Called for Tech, Released Pkr. RU Reverse Unit & Circ w/ FW @ 2 BPM w/ 300 psi. W/ 130 bbls FW ppd broke Circ, Set Pkr on 176 jts tbg @ 5739' Loaded & Tested csg/tbg annulus to 500 psi .Held Ok. RU repaired Cmt Pump Truck. Press Test P Discharge Line to 3000 psi. 500 psi on annulus. Established Injection Rate 1.5 BPM w/ 1400 psi, using 20bbls FW. Mixed & ppd 200 sx Halcem lead, w/ 1# Lap-1, 0.4% Halad 322, 0.25# D-Air @ 14.8 ppg, 48 bbls, . Mixed & ppd 50 sx Halcem tail w/ 1# Lap-1, 0.25# D-air @ 14.8 ppg. 12bbls. Ppd @ 2 BPM w/ 70 psi .Started On Disp 2 BPM w/ 70 psi. W/ 7 bbls of Disp ppd Press to 1700 psi ppg 1/2 BPM. W/ 25bbls of Disp ppd Press 2800 psi. W/ 30bbls Disp ppd Press 2800psi. W/ 35bbls Disp ppd Press 3100 psi. W/ 35bbls Disp ppd (3bbls Below Pkr). SIW. Washed Up Cmt Pump Truck & lines. SITP 3000 psi. Opened Tbg Valve Let Tbg Psi fall to 1650 psi. Ppd 1 BW. Total Disp 36 bbls. Press to 2200 psi. Wait 15min Tbg Press fell to 1450psi, Ppd 1 BW. Total Disp 37 bbls. Press to 2500psi. SIW. Secured well. Est TOC in csg @ 5750'. SDFN  
 DAILY JOB COST: \$ TOTAL JOB COST: \$

**Vanguard Permian LLC S. Carlsbad No. 6 Fishing Job and Abandonment Details for C103**

- May 15 AOL Held Safety Briefing. SITP 1500 psi. Released pressure to Pit. H2S Safety check-Good -.Started TOH w/ tbg and pkr. W/ 44 jts out SD for severe lightning storm. Secured well. SDFN.  
 DAILY JOB COST: TOTAL JOB COST:
- May 16 AOL, Held Safety Briefing, H2S Safety Check Ok .Finished TOH with Tbg and 5 1/2 Pkr. PU 6- 3 1/2 DC, bit sub and 4 3/4 bit and x-over to 2 7/8 tbg. TIH. Tagged at 5623'. . PU Power Swivel. Displaced FW w/ 130 Bibles of Brine. No Environmental tank on location for cutting returns. Located tank and will be ready for operations to drill out squeeze next date. SDFN  
 DAILY JOB COST: TOTAL JOB COST:
- May 17 AOL. SD for Mechanical prob. Held Safety and Operational Briefing. Pressure tested tbg Rams to 500 psi. Started drilling cmt @ 5623'. Bottom of hard cmt at 5875'. Had soft and hard mixed cmt to 5904'. Jet washed and then circulated bottoms up. .TOH to 5720'. Test Csg to 500 psi. Tested Good. No H2S alarms. Started TOH. Secured well. SDFN.  
 DAILY JOB COST: TOTAL JOB COST:
- May 18 AOL Held Safety Briefing. H2S check- good. TOH. LD Bit and Bit sub. TIH with Short catch Overshot w/ 2 1/2" Grapple, Bumper sub, Jars, 6 Drill Collars, Accelerator and tbg. Engaged fish at 5928'.TOH w/ BHA and fish: Fish was Pump Off Bit Sub and 4 3/4 Bit. LD fishing equipment. TIH with 4 3/4 Bit and 6 Drill Collars on tbg to 2980'. SD due to Lightning. Secured well. SDFN.  
 DAILY JOB COST: TOTAL JOB COST:
- May 19 AOL. Held Safety Briefing. TIH with BHA to DO fill and cmt. Tagged at 5930'. PU Swivel, DO to 5984'. Well went on Vacuum. Tagged CIBP at 5986'. PU 14' attempted to re-establish circulation with Brine wtr. Ppd 282 bbls brine plus volume in well prior to loss of circulation. Total of 407 bbls. TOH. Tbg plugged off from lost circulation. RU up for swabbing from Tbg to Csg. Sandline clutch assembly went out on 2nd swab run. Made temporary fix. Allowed retrieval of Sandline. Secured well. SDFN & Rig repairs.  
 DAILY JOB COST: TOTAL JOB COST:
- May 22 AOL. Held Safety Briefing. Csg pressure at 420 psi. Bled off to Flare. No H2S present. Flare died. Ppd 100 bbls of FW dwn csg. Well on Vacuum. RU swab and started swabbing at 2700'. TOH w/ 4 3/4 Bit, Bit Sub, 6- 3 1/2 Drill Collars, X-over and 2 7/8 Tbg . PU 4 3/4 Smooth OD Rough ID Shoe w/ Diamonds, Jars, 6 Drill Collars, X-over, 2 Jts of 2 7/8 Tbg, Float Collar & 2 7/8 Tbg. Started TIH. Secured Well. SDFN  
 DAILY JOB COST: TOTAL JOB COST:
- May 23 AOL. Held Safety & Operational Briefing. SICP 40 psi. Bled press to Flowback tank. PU Power Swivel. Started Ppg FW 4 BPM w/ 0 psi . Circulation established at 130 bbls ppd. Started milling on CIBP. Milled out Upper Slips and Rubber. CIBP released. Pump 2 Conventional sweeps at 5986' w/ MF55 polymer. LD Swivel. TIH w/Tbg to 6255'. PU Swivel. Mill to 6256'. TOH with 2 7/8 Tbg and BHA. recovered Mandrel of CIBP. LD Shoe. PU 4 3/4 Smooth OD concave Mill & Jars. TIH w/BHA, Xover & 2 7/8 Tbg to 6245'. SDFN.  
 DAILY JOB COST: TOTAL JOB COST:

Vanguard Permian LLC S. Carlsbad No. 6 Fishing Job and Abandonment Details for C103

May 24 AOL Held Safety Brief & H2S Check. No H2S. Released Indian Fire and Safety Supervisor and Air Trailer. Maintained PU Safety Package. PU Swivel. Started Ppg FW. Broke circ @ 105 BBls. TIH to start milling operation. Found fish now @ 6291'. Engaged fish and milled to 6294'. Ppg Conventional with Float Sub in String. Started ppg Sweep, added 3 gal MF-55 polymer. D Swivel. Extreme winds on location. Shut down for safety concerns. Well site secured. SDFN

DAILY JOB COST:

TOTAL JOB COST:

May 25 AOL Held Safety Briefing. SICP 0 psi. TOH with tbg and BHA. LD 4 3/4" concave mill. PU Bumper sub, Jars and OS. TIH with BHA, Hyd Jars, 6 3 1/2 Drill collars, Accelerator and 2 7/8 tbg. . Engaged 2 7/8 tbg fish at 6305'. Fish had fallen 10' during shut down. Gain 34K in weight indicated. Pulled 14 Jts of tag, started dragging, pull 4 more jts dragging 20k over string weight. Estimated bottom of Fish at 10,978'. Started ppg with reverse unit, establish circulation at 81 bbls, add MF-55 polymer & ppd a full sweep. Took 346 bbls to achieve sweep. Total ppd 364 bbls. Pulled up 1 more std of tbg, & a reduction in drag was observed. Shut in well for night to allow fresh water to work on well. SDFN.

DAILY JOB COST:

TOTAL JOB COST:

May 26 AOL Crew had Safety Mtg in Hobbs. Pull 97' movement stopped. No upward or downward movement. No Jar or Bumper Sub action felt. Indicating something downhole above Bumper Sub and Jars. OS @ 5685. Began ppg conventional. Got circulation. Added 3 gal. MF-55 polymer. Got sweep back in returns. Pull 118K no movement up or down. Ordered WL for Freepoint. Standby for WL. . Rotary WL AOL. Rig up TIH. Freepoint indicates stuck at x-over from collars to tbg @ 5469'. Chemical cut at 5421'. 1 1/2 Jts above stuck point. . Rig down WL. TOH with 5421' tbg Shut down until Tuesday. Fishing tools ordered and scheduled to AOL Tuesday 7AM

DAILY JOB COST:

TOTAL JOB COST:

May 30 AOL Held Tailgate safety mtg. TIH with 4 11/16" OS with 2 7/8 Grapple, 2 3/8 IF bumper Sub, 2 3/8 IF Oil Jars, 8- 3 1/2 Drill Collars, 2 3/8 IF Accelerator and 2 7/8 tbg. . Engaged Fish at 5437' by Tally. Aggressively attempted to achieve down hole movement. Started Jarring activity. String weight at 34K, pulling jars to 79-80K. Secured well. SDFN. Fish still engaged, weight off, Jars not cocked.

DAILY JOB COST:

TOTAL JOB COST:

May 31 AOL. Held Safety Mtg. Met with OCD rep Phil Hawkins. Not receptive to cmting from current depth. PU Power Swivel, Release OS. TOH w/ Tbg, Accelerator, 8 Drill Collars, Hyd Jars, Bumper Sub and Overshot with 1 1/2 Jts 2 7/8 Tbg (from Chem cut) Accelerator, 6 Drill Collars, Hyd Jars, Bumper Sub and Overshot. Lay down all tools and inspect the Accelerator and x-over that were previously stuck. There were no marks on the x-over. There were definite scores near the top of the accelerator indicating an unknown object had been between it and the csg. Also visible were scores indicating this object had migrated dwn during the jarring process of the previous date. When the motions for release of the Overshot were made this object dislodged and allowed the lower OS to release. . Lay down 8 Drill Collars from Derrick. Order tools for next date. Secured well. All fishing tools recovered. SDFN

DAILY JOB COST:

TOTAL JOB COST:

**Vanguard Permian LLC S. Carlsbad No. 6 Fishing Job and Abandonment Details for C103**

Jun 1 AOL Held Safety Mtg. PU Tools, OS, Bumper Sub, Jars, 6 Drill Collars, Accelerator and 2 7/8 Tbg. TIH . Tag Fish @ 5698'. String weight 32k pulling 60k over on Jars. Getting downhole movement. No upward movement. Land string for OS release PU Power Swivel, Release OS. Lay down Power Swivel. . TOH with tbg, Accelerator, 6 Drill Collars, Hyd Jars, Bumper Sub and OS. SDFN.

DAILY JOB COST: TOTAL JOB COST:

Jun 2 AOL. Held Safety mtg. TIH w/ 4 11/16" overshot on 2 7/8 tbg. Tag fish @ 5698'. Engaged Fish. Rigged up Rotary WL for Freepoint. No go with Freepoint. Run Sinker Bar to 8625'. Obstruction inside tbg will not allow Bar to pass through. 100% Free at 8625'. Run Chemical Cutter to 8625' and raise it 1 1/2 jts to 8598' WL .depth and activate cutter. Rig down WL. TOH w/ tbg and Overshot with 2 7/8 tbg fish attached. Lay down OS & 15' (From Mill off) of 2 7/8 tbg. TOH with Fish laying down. Retrieved 91 Jts 2 7/8 tbg and 16' 6" cut section. Secured well. SDFN.

DAILY JOB COST: TOTAL JOB COST:

Jun 3 AOL. Held safety mtg. TIH with 3 5/8" Overshot w/ Hillside Sub and 2 7/8 Tbg. Tag Fish @ 8576'. Rig up WL Testing Torque on Tbg and had a Grapple failure. RDWL. TOH with 2 7/8 tbg, Hillside sub & 3 5/8" OS. Grapple Tang Broken, all pieces recovered. Redress OS and run 1stand with tools as kill string. Secured the well. SDFN.

DAILY JOB COST: TOTAL JOB COST:

Jun 4 AOL. Held safety mtg. TIH w/ 3 5/8" OS, Hillside Sub and 2 7/8 tbg .Tag fish at 8576. Try to engage fish, unable to catch. RD WL crew. Fish neck damaged from prior day operations. TOH w/ tbg & LD tools. SDFN

DAILY JOB COST: TOTAL JOB COST:

Jun 5 AOL. Held safety mtg. PU 4 3/4" smooth OD concave mill, Bit sub, 6- 3 1/2 D C's, x-over and tbg. TIH to 8576'. PU Power Swivel, RU Stripper Head with new rubber. Started ppg for circulation. Began milling at 8578'. Ppg reverse to keep cuttings off btm. Added MF-55 polymer for sweep. Ppd 170 bbls 3 BPM at 500psi, Broke circulation. LD Power Swivel. TOH with complete BHA. PU 3 5/8" OS & Hillside sub. TIH on 2 7/8 tbg.to 3845'. Torque every connection to ensure tightness for WL next date. SDFN

DAILY JOB COST: TOTAL JOB COST:

Jun 6 AOL. Held Safety mtg. Finish TIH with 2 7/8 tbg to 8578'. Engaged fish. Rig up Rotary WL for external Backoff. TIH with Shot to 8800'. Would not go any deeper. Fired shoot, no back off. TOH and reload. TIH to 9400. Shot @ 9366. Got back off. TOH. RD WL. TOH with tbg and fish. Lay down 26 jts of 2 7/8 tbg fish & OS w/ Hillside Sub. Jt # 3 and 5 had metallic trash in the bore. SDFN

DAILY JOB COST: TOTAL JOB COST:

Jun 7 AOL. Held Safety Mtg, TIH with OS on tbg. Engaged Fish at 9411'. RU WL. TIH w/ Freepoint. Tag at 10370'. TOH w/ Freepoint tool. TIH with Chemical Cutter to 10308'. No cut. Worked pipe without results. TOH. TIH with Chem Cutter to 10313'. Good cut. TOH w/ Chem Cutter. RDWL. TOH w/ Tbg and OS. LD OS. LD 28 full jts of 2 7/8" tbg fish & 1 cut jt. SDFN

DAILY JOB COST: TOTAL JOB COST:

Vanguard Permian LLC S. Carlsbad No. 6 Fishing Job and Abandonment Details for C103

Jun 8 AOL. Held Safety Mtg. TIH with 4 11/16" OS, Bumper Sub, Hyd Jars, 6 Drill Collars, Accelerator and 2 7/8 tbg. Tagged & engaged fish @ 10303'. Commenced Jarring operation. Estimated stuck point from stretch calc is 10822'. Estimated bottom of fish is 10929'. Tried release motion for possible unreported pkr. No release felt. TOH to 5054' above squeezed Bone Springs perf's. Secured well. SDFN.  
DAILY JOB COST: TOTAL JOB COST:

Jun 9 AOL. Held Safety mtg. TOH. LD OS, Bumper Sub, Jars, 6 Drill Collars and Accelerator. SDF Rig repairs. TIH w 4 3/4" Mill, Jars, 6 Drill Collars, Accelerator on 2 7/8 tbg. Tagged fish at 10,303' applied 5k, 10k, 15k, 20k string weight, no downhole movement. TOH to 5054'. Secured well. SDFN  
DAILY JOB COST: TOTAL JOB COST:

Jun 12 AOL Held Safety Mtg . TOH with 4 3/4 mill, bumper sub, jars, 6 drill collars, accelerator and tbg. TIH w 3 7/8" OS, 1 std of tbg and Hillside sub for attempt at external backoff. Tagged & engaged fish @ 10,303. RU Rotary WL. TIH, got to HS sub at 10240' unable to get tools out at Sub. TOH & RD WL. TOH w/ 10 stds of tbg. SDFN  
DAILY JOB COST: TOTAL JOB COST:

Jun 13 AOL. Held Safety mtg. TIH & engaged fish. RU WL. TIH w/ short External Shot rod to 7900'. Would not go any deeper. TOH. Change to full length rod. TIH to 8525. Unable to go any deeper. TOH w/ WL tools. Ppd 75 BW dwn tbg to clear obstruction. TIH w/ WL to 10826' & set off shot. Tongs indicated a Back off. TOH & RDWL. TOH with Tbg & Hillside sub, 1 std of tbg, OS & 516' of 2 7/8 tbg fish. Top of fish is now 10819'. Secured well. SDFN.  
DAILY JOB COST: TOTAL JOB COST:

Jun 14 AOL. Held Safety Mtg . TIH w/ 4 3/4 Bit, x-over, Jars, 2 DC's, 5 1/2 Csg Scraper, 4 DC's, Accelerator, x-over and 2 7/8 tbg. Work scraper in to a depth of 10,750'. Tagged at 10,819'. Ppd MF-55 polymer sweep. Circ bottoms up 2 times. Started TOH. Secured well. SDFN.  
DAILY JOB COST: TOTAL JOB COST:

Jun 15 AOL. Held Safety Mtg. RU WL. Set CIBP @ 10,750' & capped w/ cmt. TIH w/ WL Tagged cmt @ 10,705'. 45' above CIBP. TOH & RDWL. TIH w/ tbg to 10,664. Secured well and SDFN.  
DAILY JOB COST: TOTAL JOB COST:

Jun 16 AOL. Finish TIH w/tbg & tag cmt @ 10,695' by talley. PU to 10664'. Secured well. SDFN  
DAILY JOB COST: TOTAL JOB COST:

Jun 19 AOL. Held Safety mtg. RU Shack Energy Cementers. Tested lines. Started displacement with Mud-Laden fluid from 10,695 to 7800' per NMOCD requirements. TOH w/91 jts 2 7/8 tbg to 7800'. Ppd 25 sx cmt plug. Disp w/ 45bbbls. TOH with 12 stds. SD for 4 hrs. SD for cmt to cure. TIH and tag @ 7543. TOH to 7050'. Ppd 25 sx cmt plug 7050-6950 (across DV tool). Disp w/ 40bbbls. TOH to 3026'. Secured well. SDFN  
DAILY JOB COST: \$31,838 TOTAL JOB COST:

**Vanguard Permian LLC S. Carlsbad No. 6 Fishing Job and Abandonment Details for C103**

Jun 20 AOL Held Safety mtg. TOH with remaining tbg. TIH w/WL tagged @ 6805'. TOH w/ WL. TIH w/CIBP & set @ 5800'. PU & tagged CIBP. TOH with WL. TIH w/ 2 7/8 tbg to 5788'. RU & circ mud. Ppd 40 sx cmt. TOH w/ tbg. RU WL. TIH w/ WL & tagged @ 5374. TOH & perf'ed @ 3510'. TOH w/ WL. TIH w 5 1/2" tension pkr on tbg. Set @ 3338'. RU to establish injection rate. Perf's would not break down @ 1000psi. NMOCD recommended trying to break perms w/ 800 psi.. Flowed back 18-19bbls of the 19 bbls ppd. Released pkr. TOH w/ tbg & pkr TIH w/ 2 7/8 tbg to 3492'. Secured well. SDFN.

DAILY JOB COST:

TOTAL JOB COST:

Jun 21 AOL. Held Safety Mtg. Spotted w/25 sx cmt 3523-3273'. Plug ok'ed by NMOCD. SI for 4 hrs. . Tagged @ 3240'. TOH & Spotted 25 sx cmt @ 2027-1777'. SI 4 hrs. Tagged @ 1813'. TOH & Spotted 25 sx cmt @ 1424-1174. Secured well. SDFN

DAILY JOB COST:

TOTAL JOB COST:

Jun 22 AOL Held Safety mtg. TIH & tagged @ 1123'. TOH & Spotted 25 sx cmt 671'-421'. TOH. SD 4 hrs. . RU WL TIH tagged @ 355'. TIH w/ Perf gun to 250' Shot perms. Well started flowing. Flowed pressure down. RD WL Secured well. SDFN.

DAILY JOB COST:

TOTAL JOB COST:

Jun 23 AOL Held Safety mtg. TIH to 169' w/ 5 1/2" Pkr. RU Shack Energy Svcs. Ppd to est rate of injection. Unable to get injection. TOH w/ 5 1/2" Pkr. TIH to 263'. Ppd 25 sx cmt plug. TOH. SI for 4 hrs. TIH to 263' no tag. TOH. TIH with pkr & tagged cmt @ 45'. TOH. Secured well. SD for weekend

DAILY JOB COST:

TOTAL JOB COST:

Jun 26 AOL Held safety mtg. Tagged cmt @ 41'. RU Shack Energy Svcs. Tested Lines. Attempted ppg on annulus. Ppd 1 bbl stopped at 3000 psi. All fluid returned that was ppd. RD Cmt crew. Secured well. SDFN.

DAILY JOB COST:

TOTAL JOB COST:

Jun 27 AOL. Held safety mtg. Checked pressure on 13 3/8 x 9 5/8" annulus. Pressure bled off. Dug out cellar. Cleaned loc. Secured well. SDFN.

DAILY JOB COST:

TOTAL JOB COST:

Jun 28 AOL. Held safety mtg. Bled off pressure from 13 3/8 x 9 5/8" annulus. Change out ball valve on 13 3/8 csg. RU Pump truck. Ppd 130 BW 3 BPM w/ 0 psi. RD pmp truck. RU Choctaw cmters. Started mixing cmt. Ppd 1 bbl FW, 200 sx class "C" cmt, 1 bbl FW. Ppd 1/2 to 1 BPM. Max pressure 450 psi. SI pressure 300 psi. Secured well. SDFN.

DAILY JOB COST:

TOTAL JOB COST:

**Vanguard Permian LLC S. Carlsbad No. 6 Fishing Job and Abandonment Details for C103**

Jun 29 AOL. Held Safety mtg. RU cmt pump to annulus. Pressured to 500 psi. Phil Hawkins, OCD rep advised to ND top off csg with cmt and cap well. ND BOP and WH. Cut off WH and poured cmt in csg. . Welded cap & PA marker on csg. RD.

DAILY JOB COST:

TOTAL JOB COST:

All downhole work completed. Battery equipment will be removed and location restored.