

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural
Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-103
August 1, 2011
Permit 165693

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 NUMBER 30-015-41077
1. Type of Well: O		5. Indicate Type of Lease S
2. Name of Operator ALAMO PERMIAN RESOURCES, LLC		6. State Oil & Gas Lease No.
3. Address of Operator 415 W. Wall Street Suite 500, Midland, TX 79701		7. Lease Name or Unit Agreement Name STATE 647
4. Well Location Unit Letter <u>P</u> : <u>660</u> feet from the <u>S</u> line and <u>790</u> feet from the <u>E</u> line Section <u>25</u> Township <u>17S</u> Range <u>28E</u> NMPM <u>Eddy</u> County		8. Well Number 204
11. Elevation (Show whether DR, KB, BT, GR, etc.) 3673 GR		9. OGRID Number 274841
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/> Pit Type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____ Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____		10. Pool name or Wildcat

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data	
NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE OF PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> Other: _____	SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTER CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/> Other: Drilling/Cement <input checked="" 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 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

See Attached
4/15/2013 Spudded well.

Casing and Cement Program															
Date	String	Fluid Type	Hole Size	Csg Size	Weight lb/ft	Grade	Est TOC	Dpth Set	Sacks	Yield	Class	1" Dpth	Pres Held	Pres Drop	Open Hole
04/16/13	Surf	FreshWater	12.25	8.625	24	J55	0	673	450	1.35	C		750	0	N
04/21/13	Prod	CutBrine	7.875	5.5	17	J55	0	2722	500	1.34	C				N

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Electronically Signed	TITLE REGULATORY AFFAIRS COORDINATOR	DATE 5/6/2013
Type or print name <u>CARIE A STOKER</u>	E-mail address <u>cstoker@helmsoil.com</u>	Telephone No. <u>432-664-7659</u>
For State Use Only:		
APPROVED BY: <u>Randy Dade</u>	TITLE <u>District Supervisor</u>	DATE <u>5/7/2013 7:20:21 AM</u>

State 647 # 204

Drilling Report - Daily Recap

United Drilling # 32

ALAMO

API # 3001541077

(1/1/2013 thru 4/22/2013)

printed 4/22/2013

Eddy Co., NM

Date	Rpt	Depth	Feet	Bit	Bit Sz	M W	Vis.	W L	Chlorides	Solids	Present Operations:	Executive Summary:	Daily \$	Cum \$
4/15/2013	0	40									Pre-Spud Costs	Pre-Spud Costs	55,184	55,184
4/16/2013	1	675	635	1	12.250	8.4	28		1,500	0.6	TOOH, LD BHA #1	MIRU UD Rig #32. Weld on Conductor. RU Flowlines. Spud Well @ 1:00 PM 4/15/2013. Drill from 40' to 675' - Total of 635' @ 46.18 ft/hr. Ran 1 Deviation Survey @ 297' - 0.2 deg. Lost Circ @ 57'. Dry Drill Pumping LCM to 86'. Regain Full Returns. Pump Sweeps	37,150	92,333
4/17/2013	2	675	0	1	12.250	10.0	30.0				TIH w/ Magnet to Recover Pin from Safety Clamp	Run 16 Jts 8-5/8" Csg - Shoe @ 668', FC @ 627'. Cmtt 8-5/8" Csg w/ 225 sx Lead, 225 sx Tail. Circ 174 sx to Tanks. WOC 4 Hrs. Cut Off Conductor, NU WH & BOP. Test Rams, Mainfold & Csg. TIH w/ BHA #2. Lose Pin from Safety Clamp. TIH w/ Magnet to Recover.	54,035	146,369
4/18/2013	3	1,342	667	2	7.875		29		160,000	1.2	Drilling Ahead @ 49.39 ft/hr	TIH w/ Magnet. Wash from 612 ft to 630 ft. TOOH w/ Recovered Fish. TIH w/ 7-7/8" Bit. Drill Shoe Track & Cmt. Drilled from 675 ft to 1342 ft - Total of 667 ft @ 37.06 ft/hr. Ran One Deviation Survey @ 1058 ft - 0.1 Degree. 1 Hour Rig Repair - RD PU Chain.	31,949	178,318
4/19/2013	4	2,300	958	2	7.875	9.9	29		155,000	1.2	Drilling Ahead @ 34.19 ft/hr	Drilled from 1342 ft to 2300 ft - Total of 958 ft @ 40.77 ft/hr. Ran Two Deviation Surveys @ 1499 ft - 1.2 degrees & @ 2004 ft - 2.0 degrees.	20,963	199,281
4/20/2013	5	2,680	380	2	7.875	9.85	29		160,000	0.4	Drilling Ahead @ 13.02 ft/hr	Drilled from 2300 ft to 2680 ft - Total of 380 ft @ 16.17 ft/hr. Ran One Deviation Survey @ 2508 ft - 1.6 degrees.	18,722	218,003
4/21/2013	6	2,745	65	2	7.875	9.8	32		157,000	0.3	Cement 5-1/2" Csg w/ 200 sx Lead, 300 sx Tail	Drilled from 2680' to 2745' - 65' @ 9.29 ft/hr. TD Well @ 1:00 PM 4/20/2013. Pump Sweep, Spot High Vis Pill on Btm. TOOH LD DP & DCs. Run Triple Combo Logs. Run 91 Jts 5-1/2" Csg - FS @ 2743', FC @ 2711'. Cement w/ 200 sx Lead, 300 sx Tail. Circ 44 sx.	80,722	298,724
4/22/2013	7	2,745	0								Rig Released @ 2:00 PM 4/21/2013	ND BOP. Set Slips w/ 40,000 #. Cut Off Casing. Weld on Bell Nipple. NU Tubing Head. Clean Pits. Rig Released @ 2:00 PM 4/21/2013	13,001	311,725