

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 163867

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 30-015-41018
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 COWTOWN UNIT
4. Well Location Unit Letter <u>M</u> : <u>760</u> feet from the <u>S</u> line and <u>810</u> feet from the <u>W</u> line Section <u>13</u> Township <u>18S</u> Range <u>28E</u> NMPM <u>Eddy</u> County		8. Well Number 202
11. Elevation (Show whether DR, KB, BT, GR, etc.) 3543 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 _____		

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: <u>Drilling/Cement</u> <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
3/11/2013 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
03/11/13	Surf	FreshWater	12.25	8.625	24	J55	250	402	350		C		750	0	N
03/11/13	Surf	FreshWater	12.25	8.625	24	J55	145	402	225		C		750	0	N
03/11/13	Surf	FreshWater	12.25	8.625	24	J55	0	402	75		C		750	0	N
03/18/13	Prod	CutBrine	7.875	5.5	17	J55	0	3112	865	1.33	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 NMOC guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Electronically Signed TITLE REGULATORY AFFAIRS DATE 3/25/2013
COORDINATOR

Type or print name CARIE A STOKER E-mail address cstoker@helmsoil.com Telephone No. 432-664-7659

For State Use Only:

APPROVED BY: Randy Dade TITLE District Supervisor DATE 3/26/2013 9:10:58 AM

Cowtown Unit # 202

Drilling Report - Daily Recap

United Drilling # 32

31002-0202

API # 4201541018

(1/1/2013 thru 3/19/2013)

printed 3/19/2013

Eddy Co., NM

Date	Rpt	Depth	Feet	Bit	Bit Sz	M W	Vis.	W L	Chlorides	Solids	Present Operations:	Executive Summary:	Daily \$	Cum \$
3/11/2013	0	40									Pe-Spud Costs		94,604	94,604
3/12/2013	1	405	365	1	12.250	8.4	29				Waiting on Wireline Trucks to Run Temp Survey	RU Floor & Weld on Conductor. Drill f/ 40 to 405' - 365'. Spud @ 11:30 AM 3/11/13. Circ & Pump Sweep. TOOH, LD 8" BHA. Run 10 Jts 8-5/8", 24#, J-55 Csg to 400' w/ Shoe, FC @ 359'. Cmt w/ 175 sx Lead, 175 sx Tail. Lost Returns. Did Not Circ Cmt. WOC.	40,840	135,444
3/13/2013	2	405	0			8.4	29				Test BOP	Temp Survey-TOC @ 250'. Perf Csg @ 235' w/ 4 SPF. Pump Two 50 Bbl LCM Pills w/ No Returns. Pump 225 sx Class C Cmt w/ No Returns. WOC. Temp Survey-TOC @ 135'. TIH w/ Tbg to 126'. Pump 75 sx Class C Cmt Down 1" Tbg. Circ 10 sx. WOC. NU WH, BOP & Choke Man.	68,791	204,234
3/14/2013	3	907	502	2	7.875	9.85	29		166,000	0.2	Drilling Ahead @ 55.4 ft/hr	BOP Test Found Leak @ WH. ND Change Out WH & Flange. NU BOP - Test Ok. TIH. Tag Cmt @ 163 ft. Drill Out Cmt. Test Perfs @ 235'. Drill Out Shoe Track & Cmt. Drill New Formation from 405' to 907' - Total of 502'. Deviation Survey @ 501' - 1.5 degrees.	21,535	225,769
3/15/2013	4	1,885	978	2	7.875	9.85	29		166,000	0.2	Drilling Ahead @ 31.5 ft/hr	Drilled from 907 ft to 1885 ft - Total of 978 ft @ 42.99 ft/hr. Ran Two Deviation Surveys @ 1002 ft - 0.8 degrees @ 1507 ft - 0.9 degrees. Rotary Stalled Out, Work Stuck Pipe Free - 1/2 Hour.	18,945	244,714
3/16/2013	5	2,673	788	2	7.875	9.85	29		166,000	0.2	Drilling Ahead @ 34 ft/hr	Drilled from 1885 ft to 2673 ft - Total of 788 ft @ 34.26 ft/hr. Ran Two Deviation Surveys @ 2011 ft - 0.6 degrees @ 2515 ft - 0.3 degrees.	26,912	271,627
3/17/2013	6	3,115	442	2	7.875	10.5	31	15	185,000	0.3	Waiting on Key Seat Wiper	Drilled from 2673 ft to 3115 ft - Total of 442 ft @ 30.48 ft/hr. TD Well @ 10:00 PM 3/16/2013. Circ Sweep. Spot Pill on Btm. TOOH LD DP. Pulled into Keyseat, Stuck @ 1002 ft. Work Stuck Pipe for 2.75 Hrs. Knocked Loose w/ Kelly Bushings. Wait on Wiper.	25,862	297,489
3/18/2013	7	3,115	0			10.5	31	15	18,500	0.3	Cement 5-1/2" Csg	TIH w/ (2) 7-3/8" Tapered Mills. Ream Through Keyseat. TOOH, LD DP & DCs. Run Open Hole Logs from 3117 ft WLTD to 402 ft. Csg Crew Run 104 Jts 5-1/2" 17#, J-55, LT&C Csg - Shoe @ 3112 ft, Float Collar @ 3085 ft. Cmt Csg w/ 700 sx Lead, 165 sx Tail.	73,519	371,008
3/19/2013	8	3,115	0								Rig Released @ 6:00 PM 3/18/2013	Displace Wiper Plug w/ 72 Bbls FW. Bump Plug to 1280 PSI. Floats Held. Circ 213 sx (85 Bbls) to Tanks. ND BOP. Set Slips w/ 50,000#. Weld on Bell Nipple. NU Tbg Head. Clean Pits. Rig Released @ 6:00 PM 3/18/13	42,440	413,448