Office	State of New Mex	ico	Form C-103	
District I - (575) 393-6161	Energy, Minerals and Natura	al Resources	Revised July 18, 2013	
1625 N. French Dr., Hobbs, NM 88240			WELL API NO.	
District II – (575) 748-1283 811 S. First St., Artesia, NM 88210 OIL CONSERVATION DIVISION		30-015-39019		
District III - (505) 334-6178	1220 South St. Franc	eis Dr.	5. Indicate Type of Lease	
1000 Rio Brazos Rd., Aztec, NM 87410	Santa Fe, NM 875		STATE FEE 6. State Oil & Gas Lease No.	
<u>District IV</u> – (505) 476-3460 1220 S. St. Francis Dr., Santa Fe, NM	Santa I Ç, I vivî 672	,05		
87505			B0-2071-0029	
SUNDRY NOTIC	ES AND REPORTS ON WELLS		7. Lease Name or Unit Agreement Name	
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A			Empire Abo Unit (309164)	
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)				
1. Type of Well: Oil Well Gas Well Other			8. Well Number 402	
2. Name of Operator			9. OGRID Number	
Apache Corporation			873	
3. Address of Operator			10. Pool name or Wildcat	
303 Veterans Airpark Lane, Suite 100	0 Midland, TX 79705		Empire; Abo (22040)	
4. Well Location				
	2410 feet from the South	line and 2	245 feet from the East line	
		**********************************	1001 110111 1110	
Section 32	Township 17S Ran		NMPM County Eddy	
	11. Elevation (Show whether DR, I	RKB, RI, GR, etc.		
	3677 GL			
12. Check A	ppropriate Box to Indicate Na	ture of Notice,	, Report or Other Data	
NOTICE OF DIT	TUTION TO		OCCUPAT DEDOCT OF	
			BSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK		REMEDIAL WOF		
TEMPORARILY ABANDON 🔃	—, I		RILLING OPNS. P AND A	
PULL OR ALTER CASING	MULTIPLE COMPL	CASING/CEMEN	NT JOB 🔲	
DOWNHOLE COMMINGLE	!			
CLOSED-LOOP SYSTEM				
CLOSED-LOOP SYSTEM OTHER:		OTHER:		
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November 1, 2016

Empire ABO Unit # 402 API # 30-015-39019 Eddy County, NM Producing Interval: 5,818-6,072' 5-1/2" csg @ 6,300

Objective: TA wellbore and evaluate well for future re-completion

Procedure:

- 1. POOH with rods and pump, laying them down
- 2. Release TAC and scan tbg out of the hole, mark the good tbg and scrap the rest
- 3. Rig up wireline
 - Set CIBP @ 5,780' w/ 35' cmt
- 4. Fill casing with 2% KCL fluid and pressure test plug to 500 psi
- 5. Schedule a test and record the chart
- 6. Turn in to OCD for TA approval

Apache Corporațion – Empire Abo Unit #402

Wellbore Diagram - Current

API: 30-015-39019

Date: 12/6/2011

S. Hardin

Surface Location

2410' FSL & 245' FEL, Unit I Sec 32, T17S, R28E, Eddy County, NM

Surface Casing 8-5/8" 24# J-55 @ 504' w/ 400 sxs to surface

DV @ 2988'

TAC @ 5760' SN @ 6198[®]

TUBING DETAIL				
¹ Qty	Description	Length	Depth	
197	2-7/8" J-55 8rd EUE 6.5#	6152'	6199'	
	· · · · · · · · · · · · · · · · · · ·			
	1			

11/10/2011: Perf Upper Abo @ 5,818'-24'; 5834'-38'; 5844'-47'; 5850'-56'; 5860'-64'; 5869'-73'; 5886'-98'; 5904'-16'; 5922'-28'; 5936'-62'; 5972'-78'; 5982'-90'; 5996'-6008'; 6030'-38'; 6053'-57'; 6068'-72' w/ 2 JSPF (250 holes)
Treated with 15.5k gal 25Q CO2 energized 15% HCL

PBTD = 6254' TD =6300'

GL=3677'

KB=3689'

Hole Size

=12-1/4"

Hole Size

=7-7/8"

Spud: 10/23/11

Production Casing 5-1/2" 17# J-55 @ 6300' w/ 690 sxs DV @ 2988' w/ 500 sxs to surface