District -(375) 39/3461 District -(375) 39/3461 District -(375) 49/3461	Submit I Copy To Appropriate District Office		of New M				1 C-103
District (-G75) 748-1283 District (-G75) 74	District I – (575) 393-6161	Energy, Minera	ıls and Nat	ural Resources	TUDI I ADI		18, 2013
## OIL CONSERVATION DISSIDATION DISSIDATES 11 - (202) South St. Prancis Dr. DOUR he braws (Ed., Arac., NM 87410) 1220 South St. Prancis Dr. Santa Fe, NM 87505 ## STATE	The state of the s						
1200 Statistics 64, Ance, Nn 87410 Santa Fe, NM 87505 Santa Fe, NM	811 S. First St., Artesia, NM 88210						
District.W - (039) 476-3460 Santa F.C., NM 8/303 Santa F.C., N							
SUNDRY NOTICES AND REPORTS ON WELLS DO NOTUST THIS PORM FOR PROPOSALS TO DRILLOR TO DEFERENCE NOR PLUE BACK TO A DIFFERENT RESERVOR. USE: "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS) 1. Type of Well: Oil Well Gas Well Other 9. OGRID Number #371 (E-377) 2. Name of Operator Apache Corporation 9. OGRID Number 873 3. Address of Operator 303 Veterans Airpark Lane, Suite 1000 Midland, TX 79705 4. Well Location Unit Letter 0	<u>District IV</u> – (505) 476-3460 1220 S. St. Francis Dr., Santa Fe, NM	Santa	Fe, NM 8	37505	6. State Oil	& Gas Lease No.	
DONOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEPEND OR PLUG BACK TO A DIFFERENT RESPORT USE TRANSPORT USE TR		TCES AND REPORTS	ON WELL	S	7. Lease Na	me or Unit Agreement	Name
2. Name of Operator Apache Corporation 3. Address of Operator 303 Veterans Airpark Lane, Suite 1000 Midland, TX 79705 4. Well Location Unit Letter 5. Eaction 35 Township 17S Range 28E NMPM County EDDY 11. Elevation (Show whether DR, RXB, RT, GR, etc.) 12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK PLUG AND ABANDON PULL OR ALTER CASING UNITURE COMPINED C	DIFFERENT RESERVOIR. USE "APPL				EMPIRE ABO	O UNIT [309164]	
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303 Veterans Airpark Lane, Suite 1000 Midland, TX 79705	Apache Corporation				873		
4. Well Location Unit Letter D 1195 feet from the FNL line and 10 feet from the FWL I	•	1000 Midlerd TV 7070	_		10. Pool nar	ne or Wildcat	
Unit Letter D : 1195		UUU Midiand, IX 7970	5 				
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Apache Corp.

Current

GROUP: Permian North DATE: Sept. 19, 2013
FIELD: Empire (BP) BY: Lucas Emmett

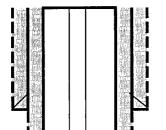
LEASE/UNIT: Empire Abo Unit WELL: E-371
COUNTY: Eddy STATE: New Mexico

API: 30-015-21535

Spud Date: 6/3/75

Rig Release Date: 6/22/75 KB - 3697'
Completion Date: 7/14/75

UL-D, Section-35, T-17S, R-28E



8-5/8" 24# ST&C Casing (11" hole) Set @ 1000' w/ 450 sxs

Top of Cement at Surface

5-1/2" K-55 - 173 jts 14# & 7 jts 17# Casing (7 7/8" hole) set at 6390' w/ 550 sxs Perf 5 1/2" csg 3300-02 2/2 JSPF. Cmtd 2/ 1200 sxs. Circ 115 sxs.

Top of Cement at Surface

2 3/8" J-55 Tubing Set @ 6018'

Top of Abo at 5895'

ABO

7/75: Spotted 150 gals 15% HCL-LSTNE dbl acid 6190-6320'

7/75: Perf Abo 6280-6290' & 6306-6318" w/2 JSPF (46 holes)

7/75: Acidize 6280-6318' w/2000 gals 15% HCL LSTNE, flush w/35 bbls lse crude

7/75: Acidize 6280-6318' w/2000 gals DAD trtmt, flush w/12 bbls lse crude

7/79: Hole in tbg, replaced jt

12/80: Hole in tbg, replaced jt

10/83: Fish pump, Hole in tbg, replaced jt

2/87: Set CIBP @ 6250', perf Abo 6211-6225' (30 Holes)

2/87: Acidize Abo perf 6211-6225' w/ 2000 gals, swab load w/no oil show

2/87: Set CIBP @ 6185', perf Abo 6156-6166' (22 holes)

2/87: Set pkr @6086, acidize Abo w/ 2100 gals, swab, return to production

5/87: Pulled pkr., Set TAC

12/89: Remove rods & pump, move rods to F-364

3/91: Set CIBP @ 6135' and TA

9/96: TA, hold wellbore for field blowdown

9/01: Pressure test to 540#, retain wellbore for future use and uphole potential

11/02: Pressure test to 540#, retain wellbore for future use and uphole potential

 $7/03:\ Dump\ 25'\ cmt\ on\ top\ of\ CIBP,\ perf\ 5882'-87',\ 5919-30',\ 5952-64',\ 5978-5981',\ 6008-18'$

w/2 JSPF

7/03: Spot 3 1/2 bbls acid @ 6028', flush w/14 bbls KCL, pump 54 bbls 15%HCL, flush w/23 bbls 2% KCL, return to production 8/15/03

TD: 6390' PBD: 6110'

Apache Corp.

Proposed

GROUP:

Permian North

DATE: BY:

Mar. 02, 2017

FIELD: LEASE/UNIT: Empire (BP) **Empire Abo Unit**

M. Monzon E-371

COUNTY:

WELL:

API:

Eddy

STATE:

New Mexico

30-015-21535

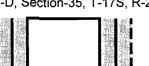
Spud Date: 6/3/75

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KB - 3697'

Completion Date: 7/14/75

UL-D, Section-35, T-17S, R-28E



8-5/8" 24# ST&C Casing (11" hole) Set @ 1000' w/ 450 sxs

Top of Cement at Surface

5-1/2" K-55 - 173 jts 14# & 7 jts 17# Casing (7 7/8" hole) set at 6390' w/ 550 sxs

Perf 5 1/2" csg 3300-02 2/2 JSPF. Cmtd 2/ 1200 sxs. Circ 115 sxs.

Top of Cement at Surface

2 3/8" J-55 Tubing Set @ 6018'

Top of Abo at 5895'

7/75: Spotted 150 gals 15% HCL-LSTNE dbl acid 6190-6320'

7/75: Perf Abo 6280-6290' & 6306-6318" w/2 JSPF (46 holes)

7/75: Acidize 6280-6318' w/2000 gals 15% HCL LSTNE, flush w/35 bbls lse crude

7/75: Acidize 6280-6318' w/2000 gals DAD trtmt, flush w/12 bbls lse crude

7/79: Hole in tbg, replaced jt

12/80: Hole in tbg, replaced jt

10/83: Fish pump, Hole in tbg, replaced jt

CIBP @ 5,832' w/ 35' cmt

2/87: Set CIBP @ 6250', perf Abo 6211-6225' (30 Holes)

2/87: Acidize Abo perf 6211-6225' w/ 2000 gals, swab load w/no oil show

2/87: Set CIBP @ 6185', perf Abo 6156-6166' (22 holes)

2/87: Set pkr @6086, acidize Abo w/ 2100 gals, swab, return to production

5/87: Pulled pkr., Set TAC

12/89: Remove rods & pump, move rods to F-364

3/91: Set CIBP @ 6135' and TA

9/96: TA, hold wellbore for field blowdown

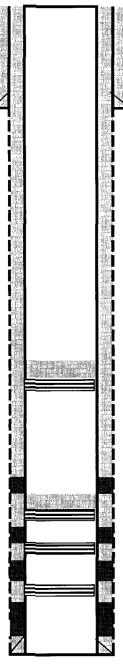
9/01: Pressure test to 540#, retain wellbore for future use and uphole potential

11/02: Pressure test to 540#, retain wellbore for future use and uphole potential

7/03: Dump 25' cmt on top of CIBP, perf 5882'-87', 5919-30', 5952-64', 5978-5981', 6008-18'

w/2 JSPF

7/03: Spot 3 1/2 bbls acid @ 6028', flush w/14 bbls KCL, pump 54 bbls 15%HCL, flush w/23 bbls 2% KCL, return to production 8/15/03



TD: 6390' PBD: 6110' March 2, 2017

Empire ABO Unit # E-371 Legal Name: Empire ABO Unit #371

API # 30-015-21535 Eddy County, NM

Producing Interval: 5,882-6,018'

<u>Objective</u>: TA Wellbore. Empire Abo Unit is a former gas injection project. We are actively exploring feasibility of re-pressuring for water flood purposes. This evaluation involves extensive geology and engineering review of the entire unit. Without the proper geological analysis, we stand a chance to lose valuable resources by prematurely plugging the well at this time.

Procedure:

- 1. POOH with rods and pump
- 2. Scan tbg and mark junk pipe
- 3. Set a CIBP @ 5,832' and dump bail 35' of cmt
- 4. Circulate fluid and pressure test casing to 500 psi
- 5. Record the test on a chart and submit to OCD for approval