Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr , Hobbs, NM 88240
District II
1301 W Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

HOBBS OCD
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State of New Mexico
Energy, Minerals and Natural Resources

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

Form C-103
June 19, 2008

WELL API NO. 30-025-34017	
5. Indicate Type of Lease STATE ☐ FEE ☒	
6. State Oil & Gas Lease No.	
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.)	7. Lease Name or Unit Agreement Name J.H. Williams
1. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other:	8. Well Number 001
2. Name of Operator Apache Corporation	9. OGRID Number 873
3. Address of Operator 303 Veterans Airpark Lane, Suite 3000 Midland, TX 79705	10. Pool name or Wildcat Monument; Tubb (47090)
4. Well Location Unit Letter O : 660 feet from the South line and 1980 feet from the East line Section 34 Township 19S Range 37E NMPM County Lea	
	11. Elevation *(Show whether DR, RKB, RT, GR, etc.)* 3564' GL

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
OTHER: FRAC/STIMULATE ☒		OTHER: ☐	

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.

Apache intends to fracture stimulate the subject well, per the attached procedure.

Spud Date: 06/30/1997 Rig Release Date: 07/29/1997

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Reesa Holland TITLE Sr. Staff Reg Tech DATE 08/31/2012

Type or print name Reesa Holland E-mail address: Reesa.Holland@apachecorp com PHONE: 432/818-1062

For State Use Only

APPROVED BY: Petroleum Engineer TITLE DATE SEP 20 2012

Conditions of Approval (if any):

SEP 20 2012

HOBBS OCD

SEP 19 2012

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State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised October 12, 2005
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number	2 Pool Code	3 Pool Name
30-025-34017	47090	Monument; Tubb

4 Property Code	5 Property Name	6 Well Number
309138	J H Williams	001

7 OGRID No.	8 Operator Name	9 Elevation
873	Apache Corporation: 303 Veterans Airpark Lane, Suite 3000 Midland, TX 79705	3564' GL

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	34	19S	37E		660	South	1980	East	Lea

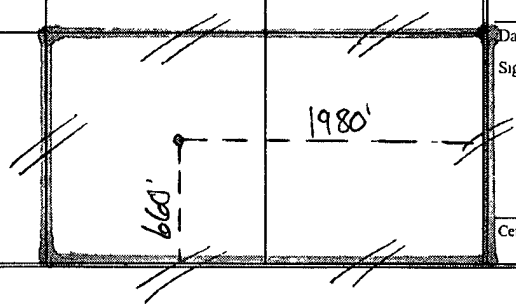
11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

12 Dedicated Acres	13 Joint or Infill	14 Consolidation Code	15 Order No.
80			

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

16



17 OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Reesa Holland 09/19/2012

Signature Date

Reesa Holland

Printed Name

18 SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief

Date of Survey

Signature and Seal of Professional Surveyor:

Certificate Number

J.H. Williams # 1
API: 30-025-34017
Skaggs Field
Lea, New Mexico

AFE Number: PA-12-4239
KB: 3676' GL: 3664' *(KB 12' above GL)*
9-5/8" 36 lb/ft casing set @ 1226'
5-1/2" 15.5 lb/ft K-55 casing set @ 7000'
TD: 7,000' PBTD: 6,950' CIBP: 6,785'

SINGLE STAGE ACID FRAC & CO2 FOAMED ACID FRAC COMPLETION PROCEDURE

Casing: 5-1/2", 15.5lb/ft, K-55
ID: 4.95"
Drift= 4.825"
Capacity= 0.0238 BBL/ft
Burst= 4810 psi; 80%= 3848 psi
5-1/2" x 3-1/2" Annular capacity 0.0119 BBL/ft

Tubing: 3-1/2", 9.3 lb/ft, N-80
Capacity= 0.00870 bbl/ft
Burst= 10,160 psi; 80%= 8128 psi
Collapse 10,530 psi; 80%= 8424 psi
Yield 159,090 lbs; 80%= 127,272 lbs

- **Anticipate one day for stimulations. Prepare service co. and other associated contractors to be present during job.**

1. Prep location. Spot the necessary 500 BBL lined acid tanks, 500 BBL water tanks, and BOP onto location. Set a flow back tank before stimulation. Have Service Co test water for quality.

2. MIRU PU. Kill well as necessary. Unseat pump. POOH w/ rods and pump.

3. ND wellhead. NU BOP. Release TAC. POOH w/ tubing and TAC. PU & TIH w/ 4-3/4" bit and scrapper for 5-1/2", 15.5 lb/ft, K-55 casing on 3-1/2" N-80 tubing to be used as WS. Tag CIBP at ± 6,750'. Circulate hole clean.

4. Break circulation and drill out cement and CIBP. TIH to PBTD at 6,950'. Circulate hole clean. POOH and stand back tbg. LD DC and bit.

STAGE I- DRINKARD

5. RIH w/ SN and PKR-RBP straddle assembly on WS. Set RBP w/ at ± 6,900'. Set PRK ± 6,880. Test RBP to 500 psi. Release PRK. TOH and set PKR just above perforations at ± 6,760'. Drinkard perfs from 6810-6848' (50 holes). **Note open Tubb perforations from 6,310-6,599.**

6. ND BOP. NU 10K psi frac valve. MIRU frac services. NU and test surface lines to 9,000 psi. Max pressure to be **8,000 psi** at surface, set pressure alarms and pop-offs accordingly.

7. Load hole and establish rate and pressure. Acid frac the Drinkard down tubing per recommendations as provided by Service Company. Flush to top perf w/ 40 bbls. SD. Shut-in well.

Target Rate: 20 BPM Max Pressure: **8,000 psi**

8. If necessary, kill well. Release PKR and TIH to RBP. Latch and release RBP. TOH w/ PRK-RBP. Set RBP at ± 5,860'. Set PKR and test RBP to 500 psi. TOH w/ PRK and WS.

STAGE II- BLINEBRY

9. MIRU WL. RIH w/ available perforator and perforate the Blinebry at 5754-59; 5771-76; 5781-86; 5795-5800 w/ 2 jspf 60° phasing with Connex 0.5" BH charges (40 holes). POOH with perf guns and rig down WL. **Correlate to Western Atlas Compensated Z-Densilog Neutron, Gamma Ray Caliper log dated 7/27/1997.**

10. RIH w/ SN and PKR on WS. Set PKR just above perforations at ± 5700'. Test backside to 1000 psi.

11. ND BOP, NU 10K psi frac valve. MIRU frac and C02 services. NU and test surface lines to 9,000 psi. Max pressure to be 8,000 psi at surface, set pressure alarms and pop-offs accordingly.

12. Load hole and establish rate and pressure. Acid frac w/ CO2 the Drinkard down tubing per recommendations as provided by Service Company. Flush to top perf w/ 34 bbls. SD. Shut-in well. RDMO frac service.

Target Rate: 25 BPM Max Pressure: **8,000 psi**

13. Flow back well to flow back tank till the CO2 concentration gets below sales limits or until the well dies.

14. ND frac valve and tree. NU BOP's. Kill well as necessary. RU reverse unit and swivel. Wash down to RBP. Latch and release RBP. TIH to PBTD. Set RBP at ± 6, 900'. Break circulation and circulate hole clean. TIH and latch and release RBP. TOH w/ PKR-RBP assembly and WS.

15. Run production tubing and rods as per the Hobbs office specifications.

16. RDMOPU. Place well into production and on test for 2 weeks. Have chemical rep test fluids and put well on the appropriate chemical maintenance program.

Apache Corporation – J.H. Williams #1

Wellbore Diagram – Proposed Status

API: 30-025-34017

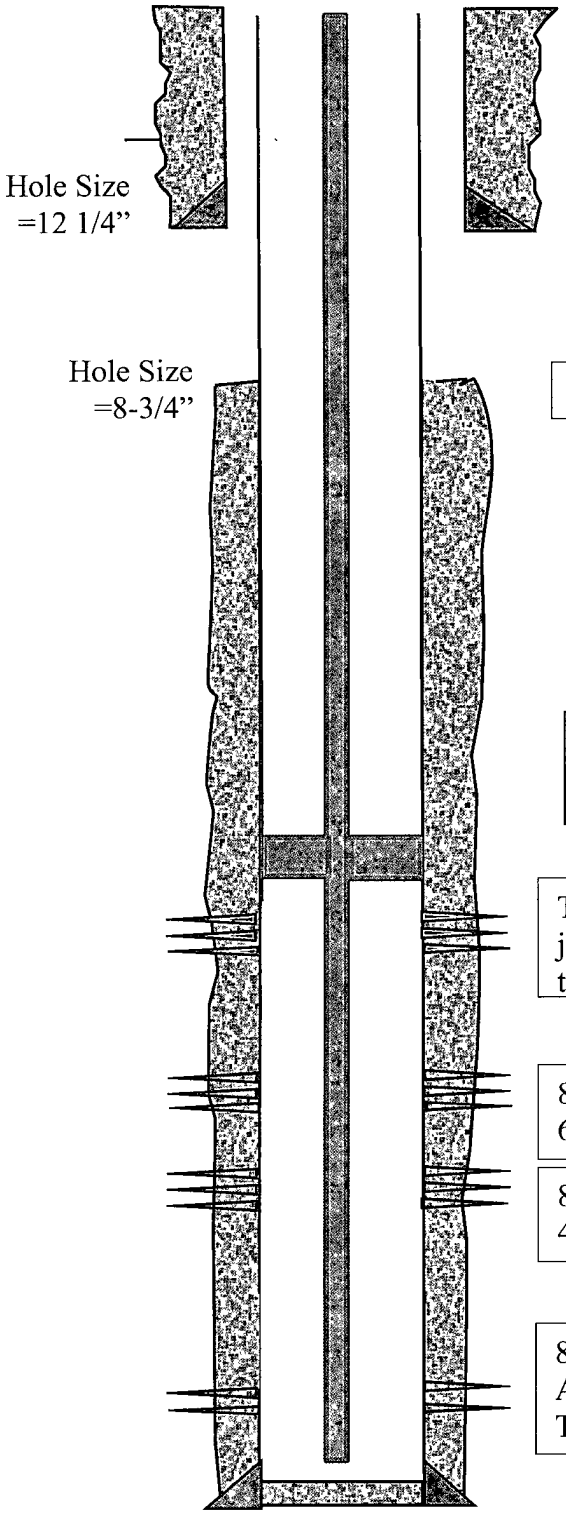
GL=3664'
KB=3676'
Spud: 6/30/97

Date : 8/9/2012

R. Taylor

Surface Location

660' FSL & 198' FEL, Unit
Lot O Sec 34, T19S, R37E, Lea County, NM



Surface Casing
9-5/8" 36# @ 1226' w/ 560 sx to surface

TOC @ 3010'

TAC @ TBD'
SN @ TBD'

TBD: Perf Blinebry @ 5754-59; 5771-76; 5781-86; 5795-5800 w/ 2 jspf (40 holes). Acid frac w/ 6000 gal 15% gelled acid system w/ XX tons of CO2 (70Q) @ 40 BPM

8/97: Perf Tubb @ 6310-6448 w/ 2 jspf (117 holes). Acidized w/ 6000 gal 15% HCL w/ 80 MCF N2

8/97: Perf Tubb @ 6487-6599 w/ 2 jspf (105 holes). Acidized w/ 4000 gal 15% HCL w/ 60 MCF N2

8/97: Perf Drinkard @ 6810-24; 6837-48 w/ 2 jspf (50 holes).
Acidized w/ 2500 gal 15% NEFE
TBD: Acid frac w/ XX gallons 15% Divert S acid system

Production Casing
5-1/2" 15.5# K-55 @ 7000' w/ 730 sxs

PBTD = 6950'
TD =7000'