Submit 1 Copy To Appropriate District Office
District I – (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II – (575) 748-1283
811 S. First St., Artesia, NM 88210
District III – (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV – (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

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

HOBBS OCD
AUG 14 2017
RECEIVED

Form C-103
Revised July 18, 2013

WELL API NO. 30-025-06673

5. Indicate Type of Lease STATE ☑ FEE ☐

6. State Oil & Gas Lease No. A0-4096-0020

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: State CK [23117]

1. Type of Well: Oil Well ☑ Gas Well ☐ Other

8. Well Number 002

2. Name of Operator: Apache Corporation

9. OGRID Number: 873

3. Address of Operator: 303 Veterans Airpark Lane, Suite 1000 Midland, TX 79705

10. Pool name or Wildcat: Paddock 49210/Bli O&G 6660/Drnkrd 19190

4. Well Location
Unit Letter K : 1650 feet from the South line and 2207 feet from the West line
Section 19 Township 21S Range 37E NMPM County Lea

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)* 3520' 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	☐						
CLOSED-LOOP SYSTEM	☐						
OTHER:	☐			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 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Apache would like to add Drinkard pay and acidize, per the attached.

Spud Date: 1/27/1962 Rig Release Date: 2/22/1962

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

SIGNATURE Reesa Fisher TITLE Sr. Staff Reg Analyst DATE 8/10/2017

Type or print name Reesa Fisher E-mail address: Reesa.Fisher@apachecorp.com PHONE: (432) 818-1062

For State Use Only

APPROVED BY: TITLE Petroleum Engineer DATE 08/16/17

Conditions of Approval (if any):

State CK #2 (30-025-06673)

AFE: 11-17-1453

Work Objective: Add pay in Drinkard, Acidize Paddock, Blinebry, and Drinkard with Sonic Hammer

Day 1: Hold PJSM. RU SU. POOH w/pump and rods.

NU BOP. RIH w/tubing and tag for fill. POOH w/tubing (scanning). Note scale and paraffin deposits as well as location of deposits on report. Notify Midland engineering of type and amount of scale encountered as soon as tubing is pulled.

Day 2-4: Hold PJSM. RIH w/bit and scraper. RIH to ±6700'. POOH.

NOTE: If scale and/or fill is encountered, the well will be cleaned out with a foam air unit.

RU WL. RIH and perforate the Drinkard as follows w/2 SPF and 180 degree phasing.

6575' – 6580'
6584' – 6592'
6608' – 6636'
6648' – 6675'

RIH w/tubing and FTI sonic hammer. RIH to ±5150'. Close BOP. Acidize Paddock from 5150' to 5175' w/500 gals of 15% NEFE HCl (20 gals/ft, moving tool at 6.3 ft/min and pumping at 3 BPM) w/1 drum of Super A-SOL and 2% KCl flush as needed. Prior to making a connection flush ±2 bbls above surface line volume if well is on a vacuum. If well is not on a vacuum, flush whatever amount is appropriate for the safety of the rig crew.

DO NOT FLUSH ACID TO BOTTOM IF WELL IS ON A VACUUM. If the well is on a vacuum, the rig operator will need to keep the tool moving even when finished pumping acid. If the well holds pressure after acid is pumped, please flush acid to bottom w/2% KCl.

Please note that intervals above do not reflect actual perforations, but rather perforated intervals to be treated.

Open BOP. Displace lines w/2% KCL and 2 bbls overflush (of surface lines).

RIH w/2-7/8" tubing and FTI sonic hammer to 5760'. Close BOP. Acidize Blinebry from 5760' to 5950' w/2500 gals 15% NEFE HCl (15.8 gals/ft, moving tool at 8 ft/min and pumping at 3 BPM) w/3 drums of Super A-SOL and 2% KCl flush as needed. If well is on a vacuum, flush ±2 bbls above surface line volume prior to making a connection. If well is not on a vacuum, flush whatever amount is appropriate for the safety of the rig crew.

DO NOT FLUSH ACID TO BOTTOM IF WELL IS ON A VACUUM. If the well is on a vacuum, the rig operator will need to keep the tool moving even when finished pumping acid. If the well holds pressure after acid is pumped, please flush acid to bottom w/2% KCl.

Please note that intervals above do not reflect actual perforations, but rather perforated intervals to be treated.

Open BOP. Displace lines w/2% KCl and 2 bbls overflush (of surface lines).

RIH w/2-7/8" tubing and FTI sonic hammer to 6580'. Close BOP. Acidize Drinkard from 6580' to 6680' w/3000 gals 15% NEFE HCl (30 gals/ft, moving tool at 4.2 ft/min and pumping at 3 BPM) w/3 drums of Super A-SOL and 2% KCl flush as needed. If well is on a vacuum, flush ±2 bbls above surface line volume prior to making a connection. If well is not on a vacuum, flush whatever amount is appropriate for the safety of the rig crew.

DO NOT FLUSH ACID TO BOTTOM IF WELL IS ON A VACUUM. If the well is on a vacuum, the rig operator will need to keep the tool moving even when finished pumping acid. If the well holds pressure after acid is pumped, please flush acid to bottom w/2% KCl.

Please note that intervals above do not reflect actual perforations, but rather perforated intervals to be treated.

Open BOP. POOH w/tubing.

Day 5: Hold PJSM. Finish POOH w/tubing. Test in hole w/2-7/8" tubing. RIH w/pump and rods using attached new rod design (add 300' Kbars and 2100' of 1" rods, remove 350' 7/8" rods and 2002' of ¾" rods). SN depth at ±6680'. If rod subs are needed, please add them to the 1".

- CURRENT -

WELL DATA SHEET Last Update: 1-24-12

Lease Name: State CK #2 API No: 30-025-06673

Location: 1650'S/2208'W Unit K, Sec 19 T-21S, R-37E County: Lea ST: NM

Spud Date: 1-27-62 Well Elev: 3507' GL 13' KB

TD Date: 2-22-62 Completion Date: 4-22-62

TD: 6754' PBTD: 6696' TOC: ? 1717' Est

13 3/8" 48# H-40 519' 500 sx (Circ)

Csg Size: 9 5/8" Wt: 32/36# Grd: H-40 Dpth: 2634' Cmt: 200 sx

Producing Formation: Paddock / Blinebry / Drinkard

Perfs: From 5158' to 68' 2/spf 6609' to 59' - 2spf

5770' to 5942' 2-4/spf _____ to _____

IP: _____ BOPD _____ BWPD _____ MCF/D

Well History: (See Attached)

Well Equipment:

Pumping Unit: ??

Motor Type: _____ HP: _____ POC: _____

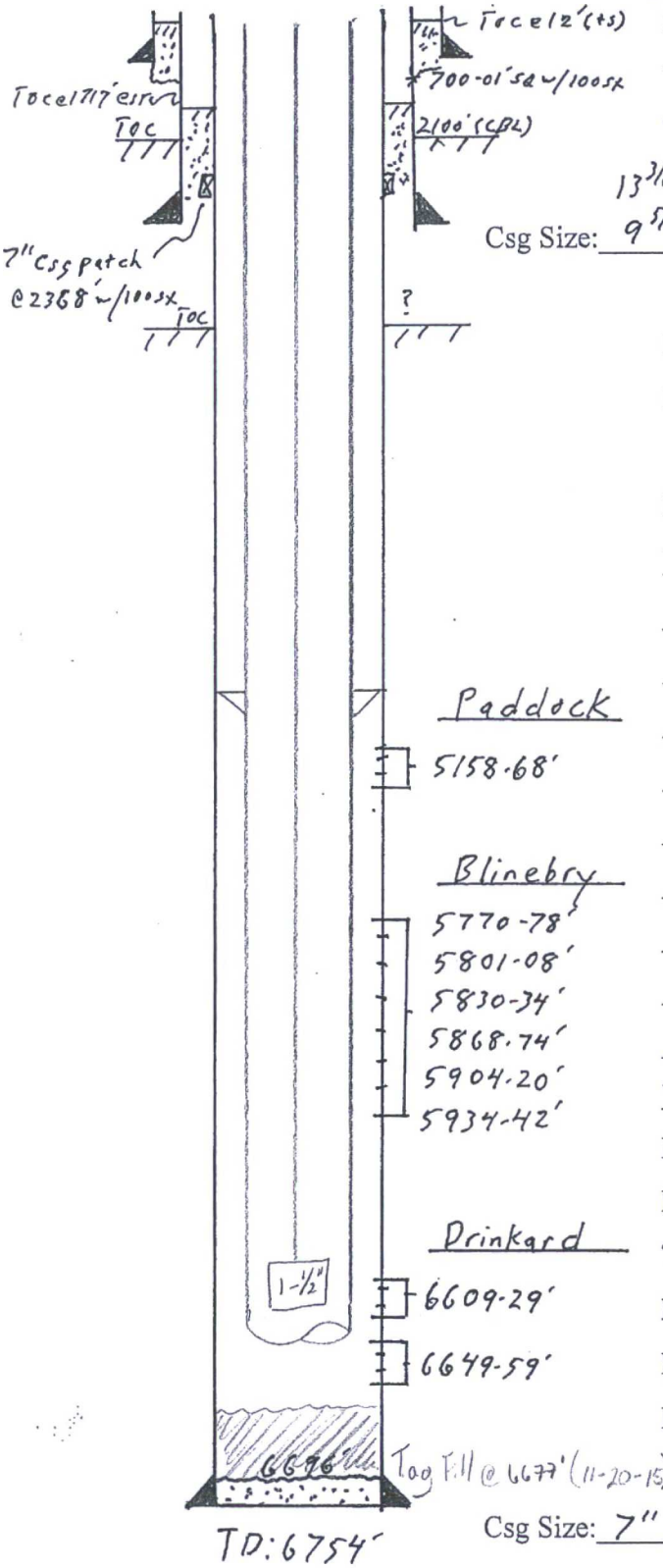
Tbg: 209 Jts 2 7/8" Size J-55 6.5# Grade

MA @ - SN @ 6643' TAC @ 5004' (11-20-15)

Rods: ??

Pump: ??

Csg Size: 7" Wt: 20/23# Grd: J-55 N-80 Dpth: 6754' Cmt: 585 sx



- PROPOSED -

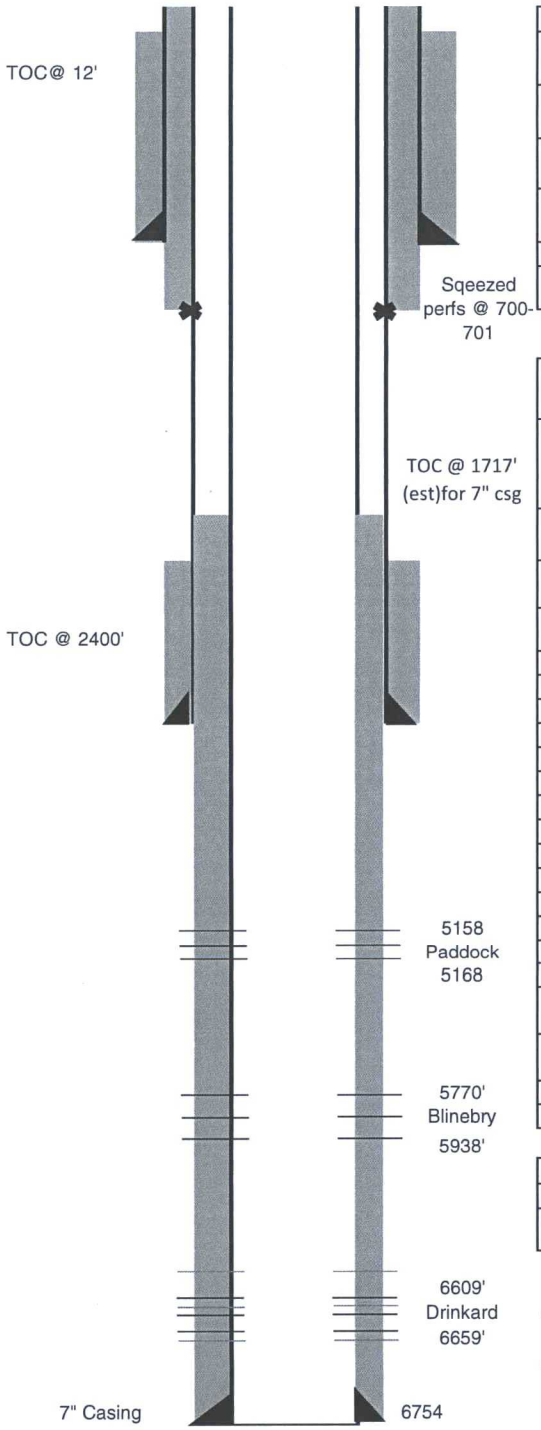
Apache Corporation

Work Objective _____

Region Office Permian / Midland
District /Field Office NW / Eunice South
AFE Type

Start Date	TBD	End Date	TBD
Lease	State /CK/ #2	KB	13'
Well Name	State /CK/	Well No.	#2
Field	Eunice Area	TD @	6754'
County	Lea	PBTD @	6709
State	New Mexico	ETD @	
AFE #	TBD	API #	30-025-06673
Gross AFE		Spud Date	1/27/1962
Apache WI	100.000000%	Comp. Date	2/22/1962

Description	O.D.	Grade	Weight	Depth	Cmt Sx	TOC
Surface Csg	13 3/8"	H-40	48#	519'	500	circulated
Inter Csg	9 5/8"	H-40	32/36#	2634'	200	12' (TS)
Prod Csg	7"	J-55/N-80	20/23 #	6754	585	1717 (Est)
Casing Liner						



Date	Zone	Actual Perforations	JSPF	Total Perfs
2/1962	Drinkard	6649-59	2	
3/1962	Blinebry	5803-05,21-33, 71-73, 5907-09, 5936-38'	4	
3/1962	Paddock	5158-68'	2	
5/1981	Drinkard	6609-29'	2	
6/1981	Blinebry	5770' – 78', 5801' – 08', 30' – 34', 68' – 74', 5904' – 20' & 34' – 42'	2	
8/2017	Drinkard	6575-6580', 6584-6592', 6608-6636',6648-6675'	2	

Date	Zone	Stimulation / Producing Interval	Amount
2/1962	Drinkard	Acid 15% HCL	1000 gals
3/1962	Blinebry	Acid 15% HCL	1500 gals
3/1962	Blinebry	Frac Blinebry with 20,000 gals oil plus 30,000# sd in 4 stages.	20,000 gals
3/1962	Paddock	Acid Paddock with 15% HCL	1500 gals
4/1962	Blinebry	Acid Paddock with 15% HCl	1000 gals
5/1962	Blinebry	Treat Blinebry with Glacial Acetic plus 36 BO for emulson	150 gals
9/1962	Blinebry	Treat Blinebry with 110 BO - 55 Gals ATPET 300 w/ CO2	
12/1962	Blinebry	Acid Blinebry with 1500 gals HCL	1500 gals
9/1963	Blinebry	Acid Blinebry with 1500 gals 7-1/2%HCL	1500 gals
8/1967	Blinebry	Acid Blinebry with 5000 gals 15% HCL	5000 gals
4/1979		Acid 5400'-6655' with 2000 gals 15% HCL	2000 gals
5/1981	Drinkard	Acid Drinkard with 2000 gals 15% HCL	2000 gals
5/1981	Drinkard	Acid Drinkard with 3000 gals 15% HCL	1500 gals
6/1981	Blinebry	Acid Blinebry with 6500 gals 15% HCL	6500 gals
6/1981	Paddock	Acid Paddock with 1500 gals 15% HCL	1500 gals
6/1981	Paddock	Treat Paddock with 400 gals acid-Asol mix	
9/1985	Drinkard	Acid Drinkard with 300 gals 15% HCL	
9/1985	Blinebry	Acid Blinebry with 4800 gals 15% HCL	
3/1993	Blinbry/Drinkard/ Paddock	Acid Blinbry, Drinkard, Paddock with 7000 gals 15% HCL	
8/2017	Paddock	Acidize Paddock (5150-5175')with 500 gals of 15% NEFE HCL (20 gals/ft), 1 drum of Super A-SOL and 2%KCl flush	
8/2017	Blinebry	Acidize Blinebry (5760-5950') with 2500 gals 15% NEFE HCl	
8/2017	Drinkard	Acidize Drinkard(6580-6680') with 3000 gals 15% NEFE HCl	

Date	Zone	From	To	Squeeze / Repair / Plug
2/1/1993		700	701	squeeze perfs with 250 sc cmt. Did not circulate-TOC is 12'
2/1/993				cut and replace 2360' of 7" casing

Apache Representative _____ **Contract Rig/Number** _____

Apache Engineer Jacob Bower **Operator** _____