

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

HOBBS OCD

MAR 20 2014

FORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2014**SUNDRY NOTICES AND REPORTS ON WELLS**
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.5. Lease Serial No.
NMNM 90161

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well

☐ Oil Well☐ Gas Well☒ Other Injection2. Name of Operator
Apache Corporation (873)3a. Address
303 Veterans Airpark Lane, Suite 3000
Midland, TX 797053b. Phone No. (include area code)
432/818-10624. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1980' FSL & 1980' FWL UL K Sec 9 T21S R37E

7. If Unit of CA/Agreement, Name and/or No.

8. Well Name and No.
West Blinberry Drinkard Unit (WBDU) #0369. API Well No.
30-025-0990810. Field and Pool or Exploratory Area
Eunice; B-T-D, North (22900)11. County or Parish, State
Lea County, NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input checked="" type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Re-perf & Stimulate
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Apache performed the following to deepen, run a liner and re-perf & stimulate this well:

2/04/2014 MIRUSU

2/05/2014 Run CBL 3514' to surface - ETOC @ 1100'. RIH w/csg punch and shoot hole @ 1120' & 800'.

2/06/2014 RIH w/cmt ret & WS to 733'. Pump 200 sx Class C .25% CalChloride; circ 94 sx cmt to rev pit out interm csg. Sting out of cmt ret; circ clean to pit. TOOH w/2-7/8" WS.

2/07/2014 DO cmt & cmt ret to 813'; circ clean. 2/08/2014 Cont to DO cmt & cmt ret to 850'; circ clean.

2/10/2014 Run CBL 3500' to surface - TOC @ surface. Tbg plugged; CO DC& pump 20 sx LCM.

2/11/2014 CO to PBD @ 6703'. DO float shoe & collar to 6718'; circ clean.

2/12/2014 DO to 6778'. Run CBL 6773'-5000'.

2/13/2014 Contacted BLM for O.K. to pump cmt on 4-1/2" csg. RIH w/153 jts 4-1/2" liner LTC 8RT 11.6# J-55 csg w/FS @ ~6773'; FC @ 6729'; DV Tool @ 5528'. Ran 35 centralizers. Pump 200 sx Class C; circ 77 sx to pit. Pump 211 sx Class C cmt, truck broke down. Circ 211 sx cmt to pit - WO new cmt pump.

2/14/2014 Pump 2nd stage cmt - 375 sx Class C. WO cmt to set up.

2/15/2014 DO cmt & DV tool to 5540'; DO cmt to PBD @ 6760'; circ clean. Log well from 6760' to surface - ETOC @ surface.

2/17/2014 Perf Drinkard @ 6568-79', 86-89', 92-96', 6603-06', 10-12', 17-23', 30-36', 39-42', 49-56', 59-62', 65-68', 70-73', 76-79', 90-95', 97-6704' w/4 SPF, 336 holes. Acidize Drinkard w/10,000 gal 15% HCL & 1500# Rock Salt. Ran chart for BLM on 4-1/2" pre-perf.

2/18/2014 RIH w/inj pkr & 2-3/8" WS to 6511'. 2/19/2014 Circ packer fluid. 2/20/2014 Run State Approved MIT.

3/12/2014 Run Static Pressure Survey - Pkr Depth @ 6519'. RTI

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

Reesa Fisher

Title Sr. Staff Reg Analyst

Signature

Reesa Fisher

Date 03/18/2014

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Petroleum Engineer

Date

MAR 27 2014

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would

Office

OCD Conditions of Approval == ==

Approval for **RECOND ONLY**.

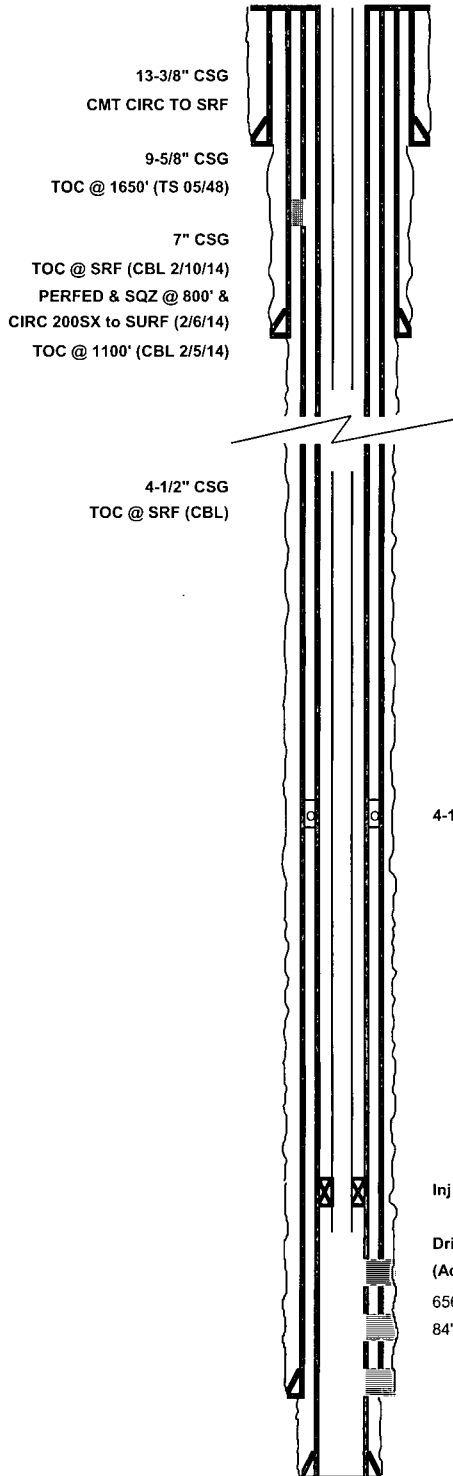
All BLM forms requires the BLM approval.

any person knowingly and willfully to make to any department or agency of the United States any false, isdiction.

MAB/OCD
3/27/2014

MAR 27 2014

Apache Corporation
WBDU #36W (Hawk B-1 #5)
WELL DIAGRAM (CURRENT CONFIGURATION)



WELL NAME:	WBDU #36W (Hawk B-1 #5)	API:	30-025-09908
LOCATION:	1980'FSL/1980' FWL, Sec 9, T21S, R37E	COUNTY:	Lea Co, NM
SPUD-TD DATE:	05/14/48-06/15/48	COMP. DATE:	6/22/1948
PREPARED BY:	Michael Hunter	DATE:	3/17/2014
TD (ft):	6,773.0	KB Elev. (ft):	3,509.0
PBTD (ft):	6,760.0	KB to Ground (ft):	10.0
	Ground Elev. (ft):		3,499.0

CASING/TUBING	SIZE (IN)	WEIGHT (LB/FT)	GRADE	DEPTHS (FT)
Surface Casing	13-3/8"	48.0	H-40	0.0 226.0
	(Cmt w/200sx circ to srf)			
Intermediate Casing	9-5/8"	36.0	J-55	0.0 2,790.0
	(Cmt w/500sx TOC @ 1650')			
Prod Casing	7"	23.0	J-55/N-80	0.0 6,706.0
	(Cmt w/940sx TOC @ 1100' Perf & Sqz 200sx @ 800' TOC @ srf)			
Liner	4-1/2"	11.6	J-55	0.0 6,773.0
	(Cmt w/575sx TOC @ surface)			
Tubing	2-3/8"	4.6	J-55 IPC	0.0 6,532.1

INJECTION TBG STRING

ITEM	DESCRIPTION	LENGTH (FT)	Depth (FT)
1	3- 2-3/8" x 4', 10', 10' PUP IPC 8RT TBG	25.0	36.0
2	200 JTS- 2-3/8" IPC 8RT TBG	6475.1	6511.1
3	2-3/8" ON/OFF TOOL / 1.78 F PROFILE	1.8	6512.9
4	2-3/8" X 4-1/2" NICKLE PL ARROW-SET PKR	6.3	6519.1
5	8' X 2-3/8" IPC TBG SUB	6.1	6525.2
6	2-3/8" PROFILE NIPPLE 1.50 R	0.9	6526.1
7	6' X 2- 3/8" IPC TBG SUB	6.0	6532.1
8			
9			
10			

PERFORATIONS

Form.	Intervals	FT	SPF
Drinkard	Active: 6568'-79', 86'-89', 92'-96', 6603'-06', 10'-12', 17'-23', 30'-36', 39'-42', 49'-56', 59'-62', 65'-68', 70'-73', 76'-79', 90'-95', 97'-6704'	84	4

Inj Pkr @ 6519'

Drinkard Perfs
(Active)

6568'-6704'
84', 336 shots

PBTD: 6760.0
TD: 6,773.0

PRINTED IN U.S.A. 6 PM

NOON

1

2

3

4

5

6

7

8

9

10

11

MIDNIGHT

6 AM

7

8

9

10

11

DATE BR 2221

02/20/2014

T. Perf

Pkr.

6568'

6519'

Graphic Controls

APACHE CORP
West Blumby Drivard Unit # 30

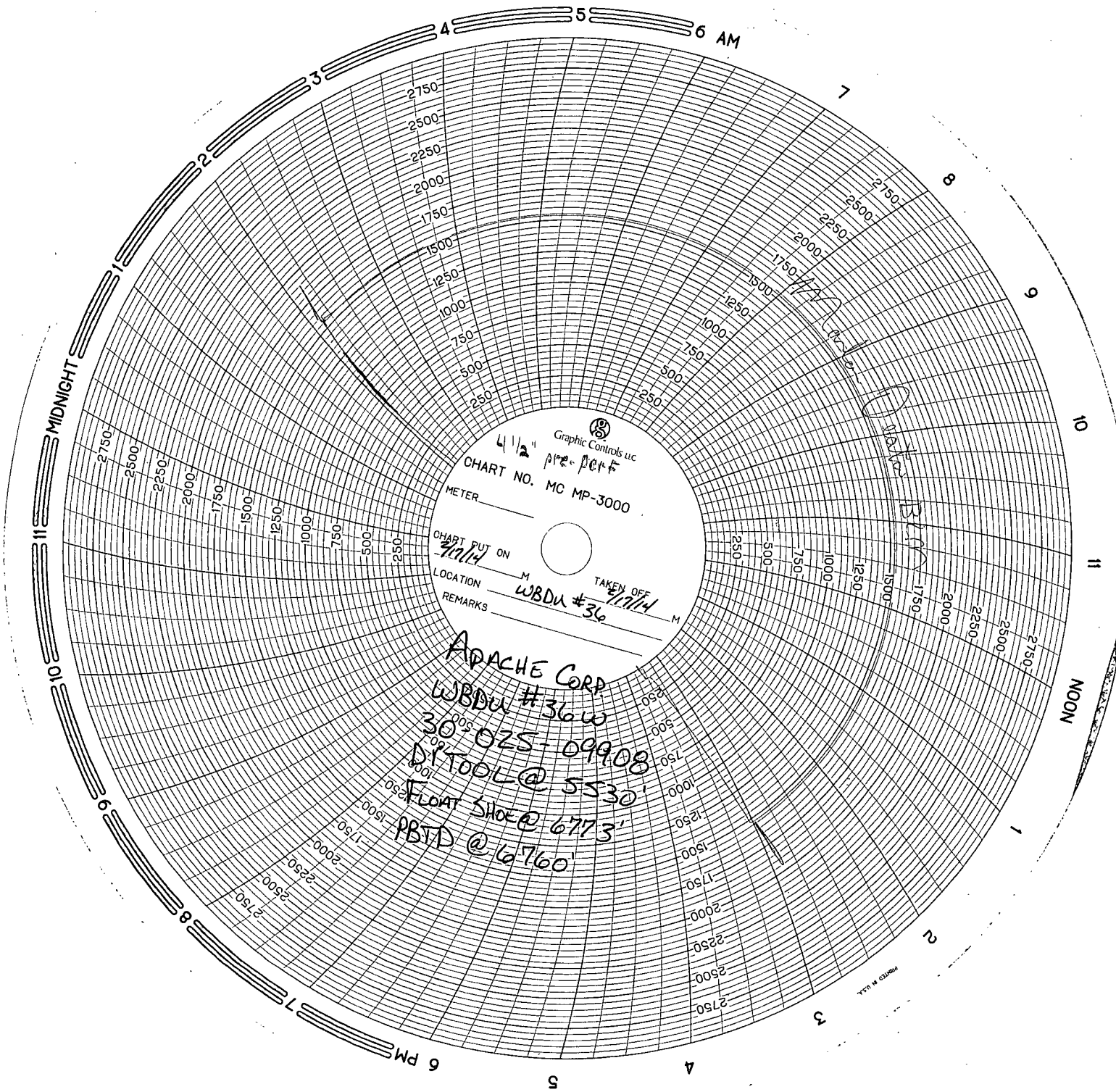
30-025-09908

UL-K, S2C9, T2S, R3TE

Post Workover

Mark W. Whitaker

OCD 006



4 1/2" Graphic Controls Inc
CHART NO. MC MP-3000
METER

CHART PUT ON 7/1/14
LOCATION M
TAKEN OFF 7/1/14
REMARKS WBDU #36

APACHE CORP
WBDU #36 W
30° 025' 099.08
DITTOOL @ 5530'
FLOAT SHOT @ 6773'
PBTD @ 6760'