State of New Mexico Energy, M. als and Natural Resources Department Form C-105

WELL API NO.

District Office

State Lease-6 copies Fee Lease-5 copies

OIL CONSERVATION DIVISION

Revised 1-1-89

DISTRICT I		OIL CONSERV		141210	ואי	20.025				
P.O. Box 1980, Hobbs, NM 88	8240		Box 2088		Į,		-06628			
DISTRICT II P.O. Drawer DD, Artesia, NM 88210 Santa Fe, New Mexico 87504-2088						5. Indicate Type of Lease STATE FEE 6. State Oil & Gas Lease No.				
	. 552.0						Lease No.			
DISTRICT III 1000 Rio Brazos Rd., Aztec,	NM 87410					873	mminnuiuu			
WELL COMPLETION OR RECOMPLETION REPORT AND LOG										
1a. Type of Well:	OWN ELTITION					7. Lease Name or	Unit Agreeme	ent Name		
OIL WELL GAS WELL DRY OTHER Multiple Completion							STATE -C- TRACT 12			
i] Workover	Deepen Plug Back	☑ Diff.	Resvr.	Other					
Name of Operator				<u> </u>		8. Well No.				
Apache Corporat	ion		9. Pool name or Wildcat							
3. Address of Operator 2000 Post Oak Blvd., Ste. 100, Houston, Texas 77056-4400							-TUBB-	DRINKARD DHC 661		
2000 Post Oak B	ova., Ste. 100,	Houston, Toxas 110		<u> </u>						
Unit Letter	C : 7	20' Feet From The	NORTH		1980'	Feet From The	WES	SILine		
Section	16 Township	218		37E	NMPM ons (DF& RKB, RT, G		County Elev. Casing	nhead		
10. Date Spudded	11. Date T.D. Reached	12. Date Compl. (Ready to 03-16-		3489'	(L. (1.1.1.L.) 1.1.1, C	GR		•		
05-06-48	07-13-48 16. Plug Back T.D.	17. if Multiple Comp			18. Intervals	Rotary Tools		Cable Tools		
15. Total Depth 6709'	16. Plug Back I.D. 6699	l	3_		Drilled By	X		L Communication		
19. Producing Interval(s), o	f this completion - Top, B	ottom, Name				20.	Was Directi	onal Survey Made		
BLINEBRY 5602	2'-5862' TUBE	3 6185'-6285' DF	RINKARD 6	578'-667	/U'	22. Was Well Co	red			
21. Type Electric and Othe	r Logs Run						· 			
GR-NEUTRON,	, ELECTRIC LC		ODD /E		tringe ect in	well)				
		CASING REC	ORD (Repo	ort all \$1	CEMENTIN	G RECORD		AMOUNT PULLED		
CASING SIZE	WEIGHT LB./F	T. DEPTH SET	17-1/2"	146	300 SX - CIF		+			
13-3/8"	36#	297'	12-1/4"		1500 SX - C		5			
9-5/8"	32#	2953' 6694'	8-3/4"		1000 SX - C	IRCULATE	7			
7"	23#	0034	1 37 1		RET @6669					
			 		W/75 SX BE					
24	LIKIED	RECORD		25		TUBING RE	CORD			
24.			SCREEN		SIZE	DEPTH	SET	PACKER SET		
SIZE	TOP BOT	TOTAL STREET	1		2-7/8"	655	4'			
	 									
26. Perforation reco	rd (interval size and	d number)			ID, SHOT, FRAC		NT, SQU	EEZE, ETC.		
Zo. Perioration reco	ru (miterval, 3120, um	- · · - · · · · · · · · · · · · · · · ·		DE	PTH INTERVAL			KIND MATERIAL USED		
BLINEBRY 5602' -	5862' 4" 1 JSI	PF 142 HOLES		5602' -		ACIDIZED V		ALS 15% BXDX HCL		
DEII LEGISTI COOL						FRAC W/40000 GALS 65 QUALITY FOAM FRAC				
TUBB 6185' - 1	6285' 4" 2 JSF	PF 114 HOLES				FLUID + 10	0000# 16/	30 SAND		
1000						40101750	U4 000 C *	1 C DVDY 1594 HC1 2 6200#		
DRINKARD 6578'-	6604' 4" 4 JSI	PF 222 HOLES		6578' -	6604'			LS BXDX 15% HCL & 6200#		
						20/40 SAND				
				04.051	eage;	ACIDIZED	V/2500 GA	ALS BXDX 15% HCL		
				6185' -	0∠85			AQUAMASTER 25# GEL		
						& 31000# 16				
			PRODUC	LION		[0.01000# 10	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
28.		Production Method (Flow	ing, gas lift, pumpii	ng - Size and	type pump)		Weil Sta	itus (Prod. or Shut-in)		
Date First Production			1.5" PUMP					PRODUCING		
03-12-99 Date of Test	Hours Tested	Choke Size Pro	od'n For	Oil - Bbl.	Gas - MCF	Water - Bbi		Gas - Oil Ratio 27882		
03-16-99	24	20/04	st Period	17	474 Water - Bb	15 I JOII Grav	rity - API - (Co			
Flow Tubing Press.	Odomy	Calculated 24- Oil - Bbl. Hour Rate 17	Gas -	IVICE	115		37.7			
130 29. Disposition of Gas (S	î l		17/7		1	Test Witnessed		E CORPORATION		
30. List Attachments	SOLD						AL AUTIE			
31. I hereby certify that t	he information shown on	both sides of this form is true and	complete to the bes	it of my know	vledge and belief			4/20/00		
Signatur		/ / 12. 4 1	Name <u>F</u>	RANCE	S BYERS	Title SR.	ENG TE	CH Date 4/20/99		

INSTRUCTIONS

This form is to filed with the appropriate District Office of the Division Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICA	TE FORM	MATION TOP	PS II	N CONFORM	IANCE WI	THO	SEOGRAF	PHICAL SECTION	N OF STATE
	S	Southeasteri	n Ne	w Mexico			Northwe	stern New Mexic	co
T. Anhy		1280	_ T.	Canyon		1	. Ojo Alamo	_	T. Penn. "B"
T. Salt			_ T.	Strawn		T	. Kirtland- Fro	uitland	T. Penn. "C"
B. Salt				Atoka		Т	. Pictured CI	iffs	T. Penn. "D"
T. Yates		2510	Т.	Miss	-	Т	. Cliff House		T. Leadville
T. 7 River	s		Т.	Devonian		т_	. Menefee		T. Madison
T. Queen			Τ.	Silurian			. Point Look	out	T. Elbert
T. Graybu	rg	3710	_	Montoya		 -т	. Mancos		T. McCracken
T. San An	dres	3990	Τ.	Simpson		т	Gallup		T. Ignacio Otzte
T. Glorieta	·	5160	Т.	McKee		 -	ase Greenho	orn	T. Granite
T. Paddoc	k		Т.	Ellenburger		_T	. Dakota		T
T. Blinebry	/	5620	Т.	Gr. Wash		 -т	. Morrison		
T. Tubb		6130	Τ.	Delaware Sa	and	_{T.}	. Todilto		T.
T. Dr nkar	d	6465	Т.	Bone Springs		_{T.}	Entrada		Т.
T. Abo			Т.	Rustler		—— Т.	Wingate		Т.
T. Wolfcar	mp		Τ.			_{T.}	Chinle		· · <u></u>
T. Penn			Т.				Permain		
T. Cisco (E	Bough C)		Т.				Penn "A"		- '
				OIL O	R GAS SA			IFS	
No. 1 from	1	*****	to	***************************************					to
No. 2 from	1	***************************************	to	***************************************	No. 4, fr	 om	••••••••••••	***************************************	toto
	***************************************	***************************************	••••	IMPO	ÖRTANT V	VATI	ER SAND	S	
include dat	ta on rate of v	water inflow and	eleva	tion to which wate				_	
No. 1, from	1			to				feet	
No. 2, from	1		••••••	to	••••••••••			foot	
No. 3, from				to		••••••	•••••••••••	feet	
	***************************************	LIT	HOI	OGY RECO	RD (Attach	n add	litional sh	eet if necessary)	
		Thickness in				T			
Fro.m	То	Feet		Lithology	From		To	Thickness in Feet	Lithology
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Form C-103 'tate of New Mexico Submit 3 Copies Energy, Minerals and Natural Resources Department Revised 1-1-89 to Appropriate District Office WELL API NO. **OIL CONSERVATION DIVISION DISTRICT I** 32-025-06628 P.O. BOX 2088 P.O. Box 1980, Hobbs, NM 88240 Indicate Type of Lease Santa Fe, New Mexico 87504-2088 **DISTRICT II** ✓ STATE FEE P.O. Drawer DD, Artesia, NM 88210 6. State Oil & Gas Lease No. DISTRICT III 873 1000 Rio Brazos Rd., Aztec, NM 87410 SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A Lease Name or Unit Agreement Name DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" STATE -C- TRACT 12 (FORM C-101) FOR SUCH PROPOSALS.) Type of Well: GAS WELL OTHER OIL WELL 8. Well No. 2. Name of Operator Apache Corporation Pool name or Wildcat 3 Address of Operato 2000 Post Oak Blvd., Ste. 100, Houston, Texas 77056-4400 4. Well Location 1980 **WEST** Feet From The 720 Feet From The NORTH Line and C LEA 37E NMPM 218 Range 16 Section O. Elevation (Show whethe 3489' Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data 11. SUBSEQUENT REPORT OF: NOTICE OF INTENTION TO: ▼ Remedial Work Altering Casing Plug and Abandon Perform Remedial Work Plug and Abandonment Commence Drilling Operations Change Plans Temporarily Abandon Casing Test and Cement Job Pull or Alter Casing Other Other 12. 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. 02-23/02-24-99 MIRU. POOH w/rods & pump.TiH to 6100'. RiH w/4" csg gun perf 5602-08, 5626'-34', 5638'-44', 5650'-92' 5718'-32', 5790'-5822', 5826'-38', 5848'-62', 1 jspf, 142 holes. RDWL. Set RBP @5900' test plug to 3000# held. Spot 3 bbls acid across interval 5790'-5862'. Tested line to 5000#, communicating. 02-25/02-26-99 Acidized Blinebry interval w/7200 gals 15% BxDx HCL in 3 stages diverted w/6350# rock salt@6 BPM & ATP 3000#.Rel pkr & RIH. Tag salt @5805'. Wash salt to 5870'. 03-01/03-11-99 RU BJ. Set pkr @5295. Test lines. Frac Blinebry w/133 bbls pad 65Q Medallion 3500 @18 BPM & 3570#, 279 bbls 65Q Medallion 3500 & 88000# 16/30 CR4000, 2-6 ppg ramp @18BPM & 3170#. Followed w/65Q Medallion 3500# &12000# 16/30 CR4000, 6 ppg @18 BPM & 3210#. Flush w/30 bbls 65Q Medallion 3500 @ 18BPM & 3370#. SD. ISIP 2260#. Open to pit on 14/64 choke .SI for buildup. Disconnect well from flowline. Made 2 BO &0 BW & 59 MCF. ND frac valve, NU BOP. Rel pkr. TIH w/ 9408K 10 stands 2-7/8" tbg. SDFN, Tag sand @5660'. TIH w/bailer CO to 5750'. Hook up flowline. Prep to trip RBP & run prod equip. TIH w/prod equipment. ND BOP, NU WH. RIH w/1-1/2" pump and rods. Load tubing. Pumping good. P/17 BO & 15 BW & 474 MCF in 24 hours. 03-16-99

GNATURE ST.Engir	neering Tech DATE 4-19-99
VPS OR PRINT NAME	TELEPHONE NO.
PPROVED BY ORIGINAL SIGNED TO CHEES WILLIAMS PPROVED BY ORIGINAL SIGNED TO CHEES WILLIAMS PONDITIONS OF APPROVAL IF ANY	DATE MAI 1 7 1999
PPROVED BY ORIGINAL STATE TITLE	DATE 11/1: 1 6 1000