Form 3160-4 (April 2004)

## UNITED STATES DEPARTM BUREAU

STATES STATES	i e e e e e e e e e e e e e e e e e e e
MENT OF THE INTERIOR	FORM APPE
OF LAND MANAGEMENT	OMB NO. 10

Apach 3. Address 6120 S 4. Location At Surfa At top pr At total of 14. Date Spr 03/17/2 18. Total De 21. Type of DLL/Mo	f Well [ f Completion of Operator ne Corpor s S Yale A n of Well ( ace 1240' brod. interv depth oudded 2007 repth: ME TV	X Oil Woon  ration  ve, Suit (Report lo FNL & ral reporter  0 6905' D c Other M	ell G X New Other — e 1500 T cation cleat do FEL d below  15. Dat 03,	as Well [Well ]  ulsa OK rly and in (NF1/4 N	lug Back T.D.	Other Deep	3.a Phoi (91 al requirement 17, T21S	ne No. (In 8)491-4 nts)* , R37E	Diff.			NMI 6. If 1 7. Un 8. Lea Lock 9. AP 30-02 10. Fie Eunic 11. Sea Su 12. Co Lea 17. El	ase Serial N C-032090 ndian, Allor it or CA Ag ase Name an hart A-17 I Well No. 15-38206 Id and Pool te; Blineb cay, T., R., Marvey or Area unty or Pari	ttee or Tribe Name greement Name and no.  26  , or Exploratory ory-Tubb-Drinkard, No. 1, on Block and 2 Sec 17, T21S, R37E
b. Type of  2. Name of Apach  3. Address 6120 S  4. Location At Surfa At top properties At total of 14. Date Sproperties Total December 15. Type of DLL/Model 15. Type of DLL/Mo	f Completion of Operator ne Corpor ne Corpor ne S Yale A n of Well ( nace 1240' prod. interv depth mudded 2007 repth: MI TV f Electric & G, SD/D	ration  ve, Suit  (Report lo  FNL &  val reporte  0 6905'  D  c Other M	New Other  e 1500 T cation clea 40' FEL d below	ulsa OK rly and in (NK1/4 N	74136-4224  CONTROL  VE1/4), Uni  COO  SQUOH  PONIONO  Ched	Federat A, Sec	3.a Phore (91 al requirement of 17, T21S	ne No. (In 8)491-4 ats)* , R37E Completee	iclude area 1864	code)		6. If 1 7. Un 8. Lea Lock 9. AP 30-02 10. Fie Eunic 11. Sea Su 12. Co Lea	it or CA Agase Name and hart A-17 I Well No. 25-38206 Id and Pool de: Blineb	tree or Tribe Name  greement Name and no.  26  d Well No.  26  or Exploratory  ory-Tubb-Drinkard, No.  on Block and  Sec 17, T21S, R37E  ish 13 State  New Mexico
2. Name of Apache 3. Address 6120 S 4. Location At Surfa At top properties of the Attotal of the	of Operator ne Corpos S S Yale A n of Well ( ace 1240' brod. interv depth budded 2007 epth: MI TV f Electric & G, SD/D	ration  ve, Suit (Report lo FNL & val reporte  0 6905' D t Other M	e 1500 T cation clea 40' FEL d below	ulsa OK  rly and in o  (NF1/4 N  CZ  ZZ  25/2007	74136-4224 <b>CONTROL</b> FOR 100 (120) SQUENT (120) (120) SQUENT (120) (1	Federa t A, Seg	3.a Phore (91 al requirement of 17, T21S	ne No. (In 8)491-4 ats)* , R37E Completee	iclude area 1864	code)		8. Lea Lock 9. AP 30-02 10. Fie Eunic 11. See Su 12. Co Lea 17. El	ase Name as hart A-17 I Well No. 25-38206 Id and Pool ee; Blineb and Transfer and Transfer wey or Area unty or Pari	nd Well No.  26  , or Exploratory  ory-Tubb-Drinkard, No., on Block and  a Sec 17, T21S, R37E  ish 13. State  New Mexico
Apach 3. Address 6120 S 4. Location At Surfa At top pr At total of 14. Date Spr 03/17/2 18. Total De 21. Type of DLL/Mo	s Yale A n of Well ( ace 1240' brod. interv depth budded 2007 epth: MI TV F Electric & G, SD/D	ration  ve, Suit (Report lo FNL & val reporte  0 6905' D c Other M SN	40' FEL d below	(NF1/4 N (NF1/4 N)	For Auto of Manager (1900) Suppose (	Federa t A, Sec H	(91   11 requirements   17, T21S   16. Date (	8)491-4 nts)* , R37E	1864			Lock  9. AP  30-02  10. Fie  Eunic  11. See  Su  12. Co  Lea  17. El	hart A-17 I Well No. 25-38206 Id and Pool ee: Blineb E., T., R., M Evey or Area unty or Pari	, or Exploratory  ory-Tubb-Drinkard, N  ory-
3. Address 6120 S 4. Location At Surfa At top pr At total of 14. Date Spr 03/17/2 18. Total De 21. Type of DLL/Mo	S Yale A n of Well ( ace 1240' brod. interv depth budded 2007 epth: MI TV f Electric & G, SD/D	FNL & val reported to 6905' D & Other M	40' FEL d below	(NF1/4 N (NF1/4 N)	For Auto of Manager (1900) Suppose (	Federa t A, Sec H	(91   11 requirements   17, T21S   16. Date (	8)491-4 nts)* , R37E	1864			9. AP 30-02 10. Fie Eunic 11. Sec Su 12. Co Lea	I Well No. 25-38206 Id and Pool ee; Blineb e., T., R., M evey or Area unty or Pari	or, or Exploratory ory-Tubb-Drinkard, N ory, on Block and a Sec 17, T21S, R37E ory, or Exploratory ish l3 State New Mexico
4. Location At Surfa At top pr At total of 14. Date Spr 03/17/2 18. Total De 21. Type of DLL/Mo	n of Well ( ace 1240' brod. interv depth budded 2007 epth: ME TV Felectric & G, SD/D	(Report lo FNL & ral reporte 0 6905' D to Other M	40' FEL d below	(NF1/4 N (NF1/4 N)	For Auto of Manager (1900) Suppose (	Federa t A, Sec H	17, T21S	, R37E	1	o Prod.	1	30-02 10. Fie Eunic 11. Sec Su 12. Co Lea 17. El	dd and Pool ee; Blineb e., T., R., M evey or Area unty or Pari	ory-Tubb-Drinkard, N 1., on Block and A Sec 17, T21S, R37E ish 13 State New Mexico
At Surfa At top pr At total of 14. Date Spr 03/17/2 18. Total De 21. Type of DLL/Mo	depth oudded 2007 epth: MI TV Felectric & G, SD/D	FNL & val reported	40' FEL d below	(NE) 4 N	VE1/4), Uni GOO SQOOH PONIODO Thed	A, Sec	16. Date C	, R37E	<u> </u>	o Prod.		Eunic 11. Sec Su 12. Co Lea 17. El	ld and Pool ee; Blineb e., T., R., M evey or Area unty or Pari	ory-Tubb-Drinkard, N 1., on Block and A Sec 17, T21S, R37E ish 13 State New Mexico
At top product to the following state of the	depth oudded 2007 epth: ME TV FElectric & G, SD/D	o 6905' D c Other M	15. Dat	25/2007	OT Assessing	¥ MD	16. Date C	Completed & A	<u> </u>	o Prod.		Eunic 11. Sec Su 12. Co Lea 17. El	e; Blineb c., T., R., M evey or Area unty or Pari	ory-Tubb-Drinkard, N 1., on Block and A Sec 17, T21S, R37E ish 13 State New Mexico
At total of 14. Date Spin 03/17/2 18. Total De 21. Type of DLL/Mo	depth oudded 2007 epth: ME TV Felectric & G, SD/D	O 6905' D ω Other M SN	15. Dat	25/2007	thed Sold Street L'D.	MD	□D 05/03	& Â [	i X Ready t	o Prod.	1	Su: 12. Co Lea 17. El	rvey or Area	A Sec 17, T21S, R37E ish 13. State New Mexico
14. Date Spt  03/17/2  18. Total De  21. Type of DLL/M0	pudded 2007  Pepth: ME TV Felectric & G, SD/D	D c Other M OSN	03/	25/2007	hed V	MD	□D 05/03	& Â [	i X Ready t	o Prod.	1	Lea 17. El		New Mexico
03/17/2 18. Total De 21. Type of DLL/MO	epth: ME TV FElectric & G, SD/D	D c Other M OSN	03/	25/2007 19. F	lug Back T.D.	: MD	□D 05/03	& Â [	i X Ready t	o Prod.		17. El	evations (D	
18. Total De 21. Type of DLL/MO	Electric & G, SD/D	D c Other M OSN	03/	19.1	lug Back T.D.	: MD	05/03		X Ready t	o Prod.			•	. , , ,
18. Total De 21. Type of DLL/MO	Electric & G, SD/D	D c Other M OSN		19. <b>P</b>	The second second second second second	: MD			-			3481'	GI	
21. Type of DLL/MO	TV Electric & G, SD/D	D c Other M OSN	echanical I		The second second second second second		6859'	2007	20. Dept	h Bridge	_		MD	
DLL/MO	G, SD/D	OSN 	echanical I	ogs Run (S	ubmit copy of				20. Dept	ii Bridge	riug 30		rvd	
					donne dopy of	each)				well core	<u> </u>	]No		Submit analysis)
	and Liner l	Record(R								Was DST run? 2 Directional Survey		No [		ubmit analysis)
23 Casing a	WILL WILL !		enort all str	ings set in	well)		<del></del>		Direc	tional Si	rvey?	XN	10 Ye	es (Submit copy)
	Size/Grad	e Wt.		op (MD)	Bottom (MD) Stage Cementer No. of Sks. & Slurry V Depth Type of Cement (BBL						Cen	ent Top*	Amount Pulled	
	8-5/8"	24#	0'	)' 1300' 575 Class C 176							0' cir	c		
7-7/8" 5	5-1/5"	17#	0'		6905'		1150		Class C 419			240' CBL		
					ļ									
						-				<del></del>				
					<del> </del>								<del></del>	
24. Tubing F														
Size	· ·	Set (MD)	Packer D	epth (MD)	Size	Dep	th Set (MD)	Packer I	Depth (MD)	S	ize	De	pth Set (M	D) Packer Depth (MD)
2-7/8" 25. Producing	6805'		<u>L</u>	1								<u> </u>	<del></del>	<u> </u>
	Formation		1 - 1	on I	Bottom	26.	Perforation		1 .	Size	No. 1	Holes	<b>T</b>	Perf. Status
Formation Top Bo A)Blinebry 5681'				Bottom	563	Perforated Interval 5636' - 5876'			45		noies	Produci		
B) Tubb 6169'				6182' - 6345'						40		Produci	ing	
C)Drinkard 6493'					658	6589' - 6678'				57		Produci	ing	
D)					-	_1							<u></u>	
27. Acid, Frac	pth Interva	atment, C al	ment Sqee	ze, Etc.			A	nount an	d Type of M	laterial				
5636' - 5	5876'		Acidi	ze with 3	000 gals 15	% HCl.	Frac with	36K ga	als gel &	32K # 2	0/40	sand.		
6182' - 6345' Acidize with 3000 gals 15% HCl. Frac with 36K gals gel & 82K # 20														
6589' - 6	5678'		Acidi	ze with 3	000 gals 15	<u>% HC1.</u>	Frac with	39K ga	als gel &	52K # 2	0/40	sand.		
29 Dendustis	- I-to-	al A				-		····	<del></del>				<del></del>	
28. Production Date First Ter Produced Da	est H	lours ested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Grav Corr. AP	ty	Gas Gravity	Pro	luction l	Method		
	j	24		79	1 1	80	37.3	L	Gravity	D.,	mping			
		Csg. Press.	24 Hr.	Oil BBL	+	Water BBL	Gas : Oil Ratio	* · · · · · · · · · · · · · · · · · · ·	Well Statu		шрше	5		
Size Flv	wg.	rress.	Rate	BBL	MCF	RRL	3494		Produc	ina				
	ion - Interv	al B			<u> </u>		12774		Troduc	mg				
Date First Ter Produced Da	est H	lours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravi Corr. AP	ty	Gas Gravity	Pro	luction N	Method	<del></del>	
, Ja			<del></del>				Con. Ar	•	Gravity				٠	
Size Flv	wg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio		Well Statu	s			·	
See Astruction	L.	s for addit	onal data on	nage 2)						4.				

201 7 1								<u></u>				
Date First	ction - Inte	rval C Hours	Test	LOit	Con	Water	Oil C	Ic	Destanti Maria			
Produced	Date	Tested	Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method			
Choke Size	Tbg. Press Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status				
	ction - Inter	rval D		ł				L				
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method			
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	Well Status			
29. Disp Sold	osition of C	ias (Sold, 1	ised for fuel,	vented,	etc.)							
		ous Zones (	Include Aqu	ifers):				31 Form	ation (Log) Markers			
Show tests,	all importa	nt zones or	porsity and	contents	thereof: Cord, time tool of	red intervals a	and all drill-stem and shut-in pressur		anon (esg) markors			
Formation Top Bottom			Bottom		Desc	riptions, Con	tents, etc.		Name Top Meas. D			
Rustler		1267										
Yates		2659										
Seven R	ivers	2891										
Graybur	g	3718										
San And	lres	3997										
Glorieta		5201										
Blinebry	,	5681										
Tubb	j	6169					•					
Drinkard	i	6493										
Abo		6765										
BLINEBI TUBB	RY 563 618	36-40, 92 32-86, 62	66-70, 90	-32, 46 -96, 63	-50, 72-76 41-45 2 J 54, 74-78	SPF		1	,			
Elec	ctrical/Mecl	nanical Log	en attached b s (1 full set : g and cemen	req'd.)	☐ G	he appropriat cological Rep ore Analysis		port 🔲 E	Directional Survey			
34. I hereby	certify that	the forego	ing and atta	ched info	rmation is co	omplete and o	orrect as determined	d from all availa	ble records (see attached instru	uctions)*		
Name (p	olease print	Sophie	Mackay				Title Engine	eering Tech				
Signatur	ге	Jose	rie s	Mack	kay		Date05/1	8/2007				
Fitle 18 U.S	S.C. Section	101 and T	itle 43 U.S.O	C. Section	1212, make	it a crime fo	r any person knowin	ngly and willfull	y to make to any department o	r agency of the United		