					f						
·											
District I					State of New	Mexico					Form C-104
1625 N. French I	Dr., Hobb	s, NM 88240	F	nerov	Minerals & 1		sourc	Yes			Revised August 1, 2011
District II 811 S. First St., A	Artonia N	M 88210	1	nergy,			sour				
District III	vitesta, in	WI 00210		O	il Conservatio	on Divisio	n	Submit	one co	opy to appr	opriate District Office
1000 Rio Brazos	Rd., Azte	ec, NM 87410			20 South St.					. —	
District IV 1220 S. St. Franc	is Dr Sa	nta Fe-NM 8'	7505	12	Santa Fe, NI						AMENDED REPORT
1220 3, 5t. Haik	. <b>I.</b>	,					CHU.	RIZATION	ר הד	FRANSP	ORT
<sup>1</sup> Operator n		<u> </u>						<sup>2</sup> OGRID Nun		1111151	
Apache Corpo		a reduitess								873	
303 Veterans Midland TX 7	Airpark	Lane Suite	1000					<sup>3</sup> Reason for F NW-09/19/201		Code/ Effect	tive Date
<sup>4</sup> API Numb	er	<sup>5</sup> Pc	ol Name		· .				_	ool Code	
30-015	-42334			D LAKE	GLORIETA	YESO,NOF	RTHE.	AST (0)			96836
<sup>7</sup> Property C	ode	<sup>8</sup> Pi	operty Nar	ne		•			<sup>9</sup> V	Vell Numbe	
	703				AAO FED	ERAL					021
II. <sup>10</sup> Sur		1		,	. ì	,		r		West line	
Ul or lot no.		n Townshi		Lot Idn	1	Feet from the	County				
C	1	18S .	27E	3	1005	North		1630	·····	Nest .	Eddy
		lole Locat									-
UL or lot no.	Section	n Townshi	p Range	Lot Idn	Feet from the	North/Sout	h line	Feet from the	East/	West line	County
<sup>12</sup> Lse Code	<sup>13</sup> Proc	lucing Method		onnection ate	<sup>15</sup> C-129 Pern	nitNumber	16 (	C-129 Effective I	<b>)</b> ate	<sup>17</sup> C-12	29 Expiration Date
F		Code P	09/19	)/2014	1						•
III. Oil a	nd Gas	s Transpo	rters		1						
<sup>18</sup> Transpor	ter				<sup>19</sup> Transpor	·ter Name					<sup>20</sup> O/G/W
OGRID					and Ad	dress					· · · · · · · · · · · · · · · · · · ·
252293		Holly Energ			1						0
		311 W Qua Artesia NM		1360							
221115	; F	Frontier Fie	ld Services								G
		1200 East S			0			ONSERVAT	ION	100-00 Million	. 👻
jerne i tij	alar ar a ta Dalar ar a ta Dalar ar a	Fulsa OK 7	4135			NM C	ARIE	314 0-0			
		,					nC.	T 1 6 2014			
	ar de la rec					•	, 00			and a second	
No. 1997 Barrier B Barrier Barrier Bar					i 			ECEIVED			and the second secon
						ι.	ĸ				
	and Contraction				2						

## **IV. Well Completion Data**

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111 1104 0011	pretion D								
<sup>21</sup> Spud Date 05/27/2014		eady Date 19/2014	<sup>23</sup> TD 4625'		<sup>24</sup> PBTD 4570'	<sup>25</sup> Perforati 3268'-429		<sup>26</sup> DHC, MC	
<sup>27</sup> Hole Siz	e	<sup>28</sup> Casing	& Tubing Size		<sup>29</sup> Depth Se	t	30	Sacks Cement	
7-7/8"		5	5-1/2"		4625'		11	20 sx Class C	
17-1/2"		1	3-3/8"		304'		53	30 sx Class C	
Tubing		2	2-7/8''	1	4390'			٤.	
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V. Well Test Data

v. weniest	<u>Data</u>				
<sup>31</sup> Date New Oil	<sup>32</sup> Gas Delivery Date	<sup>33</sup> Test Date	<sup>34</sup> Test Length	<sup>35</sup> Tbg. Pressure	<sup>36</sup> Csg. Pressure
09/19/2014	09/19/2014	10/06/2014	24 hrs		
<sup>37</sup> Choke Size	<sup>38</sup> Oil	<sup>39</sup> Water	<sup>40</sup> Gas		<sup>41</sup> Test Method
	21 •	140	96		Р
<sup>42</sup> I hereby certify that	at the rules of the Oil Conser	vation Division have	I OIL C	ONSERVATION DIVIS	SION
been complied with a	and that the information give	en above is true and		,	
complete to the best	of my knowledge and belief	•		2nd	
Signature:			Approved by:	11 horas	/
Unph Fu	$\mathcal{I}$			CSTB/112a	/
Rrinted name:			Title:		• · · · ·
Paige Futrell				"Géoloo	IS <sup>th</sup>
Title:			Approval Date:	A 2 2 2	
Regulatory Analyst I			//	I-dd-dd	VΨ
E-mail Address:			-		/
Paige.Futrell@apac	hecorp.com				
Date:	Phone:		Pending BLM ap	provals will	
10/13/2014	432-818-1893	<b>}</b>	subsequently be		•
· · · · · · · · · · · · · · · · · · ·	(		8		
			and scanned	-107.	,
				)	

Form 3160-5 ' (August 2007)	DEP		FORM APPROVED OMB NO, 1004-0135 Expires: July 31, 2010							
c		EAU OF LAND MANA		FUS						
Do n	not use this :	form for proposals to Use form 3160-3 (AP	drill or to re	-enter an	-	NMNM0557371           6. If Indian, Allottee or Tribe Name				
SUBI	NIT IN TRIPL	ICATE - Other instruc	ctions on rev	/erse side.		7. If Unit or CA/Agree	ement, Name and/or No.			
1. Type of Well			8. Well Name and No. AAO FEDERAL 2							
2. Name of Operator APACHE CORPOR		Contact: E-Mail: paige.futre	PAIGE FUT			9. API Well No. 30-015-42334	·			
3a. Address 303 VETERANS AI MIDLAND, TX 797			3b. Phone No Ph: 432-81	o. (include area code 18-1893	)	10. Field and Pool, or REDLAKE;GLO	Exploratory RIETA-YESO,NE			
4. Location of Well <i>(Foo</i>		R., M., or Survey Description	1 n)			11. County or Parish,	and State			
Sec 1 T18S R27E N 32.780565 N Lat, 10						EDDY COUNTY	Y, NM			
12. CHI	ECK APPRO	PRIATE BOX(ES) T	O INDICATE	E NATURE OF	NOTICE, RE	PORT, OR OTHE	R DATA			
TYPE OF SUBMIS	SION			TYPE O	F ACTION					
Notice of Intent		Acidize	Dec			on (Start/Resume)	U Water Shut-Off			
Subsequent Report	r l	Alter Casing	—	cture Treat	Reclama		<ul> <li>Well Integrity</li> <li>Other</li> </ul>			
· · ·		Casing Repair Change Plans	—	w Construction g and Abandon	Recompl     Tempora	rily Abandon				
Final Abandonmer	in Notice	- •		g Back	□ Water D		•			
Attach the Bond under v	pen directionally which the work	or recomplete horizontally, will be performed or provide	ent details, includ , give subsurface e the Bond No. o	ling estimated startir locations and meas on file with BLM/BL	ng date of any pro ured and true ver A. Required sub:	poposed work and approx tical depths of all pertir sequent reports shall be	nent markers and zones. filed within 30 days			
If the proposal is to deep Attach the Bond under v following completion of testing has been comple determined that the site	pen directionally which the work f the involved op ted. Final Abar is ready for fina	tion (clearly state all pertine y or recomplete horizontally will be performed or provide perations. If the operation re donment Notices shall be fi l inspection:)	ent details, incluc , give subsurface e the Bond No. o esults in a multip led only after all	ling estimated startir locations and meas on file with BLM/BL le completion or-rec	ng date of any pro ured and true ver A. Required sub- ompletion in a ne	posed work and appro- tical depths of all pertir sequent reports shall be ew interval, a Form 316	nent markers and zones. filed within 30 days 50-4 shall be filed once			
If the proposal is to deep Attach the Bond under v following completion of testing has been comple determined that the site Apache completed	pen directionally which the work of f-the-involved op ted. Final Abar is ready for final the well as for	tion (clearly state all pertine v or recomplete horizontally, will be performed or provide perations. If the operation re idonment Notices shall be fi	ent details, incluc , give subsurface e the Bond No. o esults in a multip led only after all	ling estimated startir locations and meas on file with BLM/BL le completion or-rec	ng date of any pro ured and true ver A. Required sub- ompletion in a ne	posed work and appro- tical depths of all pertir sequent reports shall be ew interval, a Form 316	nent markers and zones. filed within 30 days 50-4 shall be filed once			
If the proposal is to deep Attach the Bond under v following completion of testing has been comple determined that the site	pen directionally which the work f the involved op is ready for final the well as for SU. DO cmt. In to 2308. Ci In to 3153. Ci In to 3543. Ci In to 3565. Ci In to 4290. Ci	tion (clearly state all pertine / or recomplete horizontally, will be performed or provide berations. If the operation re- idonment Notices shall be fi- l inspection:) bllowed: (RR: 06/02/20 rc hole clean. rc hole clean.	ent details, incluc , give subsurface e the Bond No. o esults in a multip led only after all	ling estimated startir locations and meas on file with BLM/BL le completion or-rec	ng date of any pro ured and true ver A. Required sub- ompletion in a ne	poposed work and appros tical depths of all pertin sequent reports shall be ewinterval, a Form 316 have been completed, have been completed, ARTES	tent markers and zones. filed within 30 days i0-4 shall be filed once and the operator has			
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If the proposal is to deep Attach the Bond under v following completion of testing has been comple determined that the site Apache completed 06/05/2014: MIRUS 06/06/2014: DO cm 06/10/2014: DO cm 06/11/2014: DO cm 06/12/2014: DO cm 06/13/2014: DO cm 06/16/2014: DO cm 06/16/2014: DO cm 06/16/2014: DO cm 06/16/2014: DO cm 06/16/2014: DO cm 06/16/2014: DO cm 06/17/2014: Run lo 60,82,3400,20,55,7	pen directionally which the work the work of the involved op ted. Final Abar is ready for fina the well as for SU. DO cmt. at to 2308. Ci at to 2698. Ci at to 3153. Ci at to 3965. Ci at to 3965. Ci at to 4290. Ci at to 4570. Ci g. TOC @ su 7,95,3520,44 e foregoing is tr PAIGE FUT (Electronic Sul	tion (clearly state all pertine y or recomplete horizontally, will be performed or provide perations. If the operation re- donment Notices shall be fi- l inspection:) bollowed: (RR: 06/02/20 rc hole clean. rc hole clean. rface (CBL). Perf Glori 5,90,3608,30,67,3710,3 ue and correct. Electronic Submission # For APACH RELL pmission) THIS SPACE Fe Approval of this notice doe able title to those rights in th	ent details, includ , give subsurface e the Bond'No. o esults in a multip led only after all 014) ieta/Yeso @3 32,70,89,381 #270510 verifie IE CORPORAT OR FEDER/	blocations and meas in file with BLM/BL ecompletion or-rec requirements, inclue 2268,88,3319,38, 8,50, 24 by the BLM We ON, sent to the Title REGU	eg date of any pro- ured and true ver A. Required sub- ompletion in a n- ding reclamation ding reclamation carlsbad LATORY ANA 2014 OFFICE	oposed work and approvide the approximation of all perting sequent reports shall be even interval, a Form 316, have been completed, have been completed, artes OCT	ill			

### Additional data for EC transaction #270510 that would not fit on the form

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#### 32. Additional remarks, continued

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70,95,3921,59,98,4040,60,84,4130,50,70,90,4210,40,70,& 96, @ 1 SPF 70,95,3921,59,98,4040,60,84,4130,50,70,90,4210,40,70,& 96, @ 1 SPF 39 holes. 06/18/2014: Acidize Glorieta/Yeso w/ 3500 gals 15% HCI NEFE Acid.SI. Frac well on 07/08/2014. 08/05/2014: Glorieta/Yeso frac from 3268-4296, pump 300,258# of brown sand. Pump pad, brown sand stages, Siberprop san stage & flush. 08/12/2014: CO to PBTD @4570'. 08/13/2014: RIH w/ 2-7/8" J-55,6.5# prod tbg, SN @4366,ETD @4390. Clean location. RDMOSU. Set 640 PU. SI. Wait on approval to build batt to produce well. 09/19/2014: Start prod to AAO FED South batt. POP.

Lauration of Well (Report location clearly and in accordance with Federal requirements)*     A target and Pail, or Esponsorements,*     A target and Pail, or Pail,*     A target and Pail,*	m 3160-4 UNITED STATES sgust 2007) DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT											FORM APPROVED OMB No. 1004-0137 Expires: July 31, 2010			
b. Type of Completion         © New Well         Work Over         Deepen         Plug Back         Diff Revir.         7. Unit or CA Agreement Name and Other Agreement Name and Other Agreement Name and Well No.           2. Name of Operator         Address         300 FERAN SAIPARK LN         Sai Plone No. (include area code)         P. Address         300 FEDEAN 21           3. Address         300 VETERAN SAIPARK LN         MIDLAND, TX 79705         3a. Plone No. (include area code)         P. Address         300 FEDEAN SAIPARK LN         0. Field and Pool, or Exportation           4. Location of Well (Report location clearly and in accordance with Federal requirements)*         10. Field and Pool, or Exportation         10. Field and Pool, or Exportation           At top prod interval reported below         NENW Lot 3 1005FAL 1630°FWL 32.780565 N Lat, 104 235432 W Lon         10. Sec., T. R. N. M. Biotechel         10. Field and Pool, or Exportation           41. Data Explaid         15. Date T.D. Reached         16. Date Completed         17. Elevations (FF, KR, RT, CL)*           43. Total deph         ND         4625         19. Plug Back T.D.: MD         4570         20. Depth Bridge Prug Set: MD           21. Type Electric & Other Mechanical Logs Run (Submit corp of each)         T. W. Mol State         No         78.8 State         State         No         9 State         No         9 State         No         9 State         State	WELL CO	MPLETIO	N OR F	ECO	MPLE	TION	REPOR	T AND	LOG		Ī				
Other         Context         Product	be of Well 🛛 🛛 Oi	Well	Gas Well	D	ry C	] Other						6. If	Indian, Allo	ottee or	Tribe Name
APACHE CORFORATION         E-Mail: paige futrell@gapachecorp.com         AAO FEDERAL 21           3. Addres: 302 VETERASK SLM         3b: Phone No. (include area code)         9. API Well No.           4. Location of Well (Report location clearly and in accordance with Foderal requirements)*         10         Faid and Pool, or Exploratory           6. Location of Well (Report location clearly and in accordance with Foderal requirements)*         10         Faid and Pool, or Exploratory           7. At topi pool interval reported helow         NENW Lot 3 1005FNL 1630FWL 32:780565 N Lat, 104:235432 W Lon         10         Faid and Pool, or Exploratory           14. Data depth         NENW Lot 3 1005FNL 1630FWL 32:780565 N Lat, 104:235432 W Lon         12         County or Parial         13           14. Date T/D Reached         16         Date T/D Reached         10         Bed completed         10         Evel State         12         County or Parial         13         State           15. Date T/D Reached         10         MD         Date T/D         20         Date T/D         No         No         No         Ves (Submit and Date T/D Reached         05/12/02/14         10         Evel Submit State         10         State Count T/D No         20         Depth Bridge Plug State         MD         12         Wes (Submit and Date ND Reached)         No         State State State State State State State S	be of Completion	_	_	/ork Ove	er 🗖	] Deeper	n 🗖 Pli	ug Back		oiff. Ro	esvr.	7. U	nit or CA A	greeme	ent Name and No.
MiDLAND, TX, 79705       Ph: 42-818-1893       30-015-42         4. Location of Well (Report location clearly and in accordance with Federal requirements)*       10       Field and Port, or Exploring         At surface       Name       104       Size       Size       Size       Size       Size       Size       MiD       Pield and Port, according       Name       Yes         17. Food adapti       15. Date TD       Reached       16       Dir. Accordination       Size       Size       Computer View       13       Size         18. Total Depth       MD       4625       19. Plug Back T.D.: MD       MD       4570       20. Depth Bridge Plug Set: MD       MD       Yes (Submit and Yes)         21. Type Electric & Other mechanical Lags: Run (Submit copy of each)       Type of Commit Size       21. Pupe Back T.D.: MD       Size (MD)       MD       Yes (Submit and Yes)       Yes (Submit and Yes)         22. Casing and Liner Record (Report all strings set in well)       Type of Commit Top*       MD       Yes (Submit and Yes)       Yes (Submit and Yes)         23. Trans       5:500 J55       17.0       4625       1120       0       0       12.       Yes (Submit and Yes)         24. Tubung Record       13. Size       Depth Set (MD)       Depth Set (MD)       Depth Set (MD)       Police Commit To		TION	E-Mai												
At surface       NEW Lot 3 1005FNL 1630FWL 32 780565 N Lat, 104 235432 W Lon       I.EDLAKE_GLORETA-YESO         At top prod interval reported below       NEWW Lot 3 1005FNL 1630FWL 32 780565 N Lat, 104 235432 W Lon       II. Surger Status         14. Date Spadded       0507/2014       ID. Date: T.D. Reached       ID. Date: Completed       II. Surger Status         14. Date Spadded       0507/2014       ID. Date: T.D. Reached       ID. Date: Completed       II. Surger Status         15. Type Electric & Other Mechanical Logs Run (Submit copy of each)       PVD       4570       20. Depth Bridge Plug Set: MD         16. Date: T.D. Reached       ID. Phys. Back T.D. MD       4570       20. Depth Bridge Plug Set: MD         21. Type Electric & Other Mechanical Logs Run (Submit copy of each)       PVD       4570       20. Depth Bridge Plug Set: MD         22. Was well cored?       No       Wt (#/n)       Mol       Stage Cementer       No of Sks. & Start         23. Casing and Liner Record       (#/n)       (MD)       Stage Cementer       No of Sks. & Statum tana       Statum tana         24. Tubing Record			RK LN							code)		9. A	PI Well No.		30-015-42334
At surface       NENW Lot 3 1005FNL 1630FWL 32 780565 N Lat, 104 235432 W Lon       11       Sc.e., T., R., M., or Block and S.         At sup prod interval reported below       NENW Lot 3 1005FNL 1630FWL 32 780565 N Lat, 104 235432 W Lon       11       Sc.e., T. R., M., or Block and S.         At total depth       NENW Lot 3 1005FNL 1500FWL 32 780565 N Lat, 104 235432 W Lon       11       Sc.e., T. R., M., or Block and S.         14. Dats Spudded       15       Date T.D. Reached       16       Date Completed       12         09312/2014       15       Date T.D. Reached       16       Date Completed       17       Elevations (DF, KB, RT, GL)*         18. Total Depth       MD       4625       19       Plug Back T.D.       MD       20       Depth Bridge Plug Set: MD       TVD         21. Type Electric & Other Mechanical Logs Run (Submit corp) of each)       22       Was well cored?       No       W ce (Submit ana PV ce (Submit ana	tion of Well (Report	location clear	irly and in a	eccordan	ce with	Federal r	equiremen	ts)*				10. I	Field and Pe	ol, or l	Exploratory
At total depth       NENW Lot 3 1005 FNL 1630 FWL 32, 780565 N Ldt, 104.25432 W Lon       12. Currenty or Parish ISM       13. State         At total depth       NENW Lot 3 1005 FNL 1630 FWL 32, 780565 N Ldt, 104.25432 W Lon       17. Elevations (DF, KB, RT, GL)*         3603 GL       05/37/2014       15. Date TD, Reached       16. Date Completed       17. Elevations (DF, KB, RT, GL)*         18. Total Depth:       MD       4625       19. Plug Back T.D.       MD       4570       20. Depth Bridge Plug Set:       MD         11. Type Electric & Other Mechanical Logs Run (Submit copy of each)       22. Was well corred?       No       Wes (Submit ana BHCSHI-RES LUC/NCAUSGR       No       Wes (Submit ana BHCSHI-RES LUC/NCAUSGR         12. Current VE       Size/Grade       WL (#/L)       Top       Bottom       Stage Cenenter       No. of Sts. & Slurry Vol. (BBL)       Cenent Top*       Amount 1         17.500       13.375 H-40       48.0       378       5.500 J-55       17.0       4625       1120       0       0         7.875       5.500 J-55       17.0       4625       1120       0       0       0         2.875       4390       22.87       4390       22.87       3268       10.00       39       POdUCING         2.875       4390       22.86       3268 <t< td=""><td>urface - NENW Lo</td><td>ot 3 1005FNL</td><td>_ 1630FW</td><td>L 32.78</td><td>0565 N</td><td>Lat, 104</td><td>4.235432</td><td>W Lon</td><td></td><td></td><td>ŀ</td><td>11. 5</td><td>Sec., T., R.,</td><td>M., or</td><td>Block and Survey</td></t<>	urface - NENW Lo	ot 3 1005FNL	_ 1630FW	L 32.78	0565 N	Lat, 104	4.235432	W Lon			ŀ	11. 5	Sec., T., R.,	M., or	Block and Survey
At toal deptin       NERWy Lot 3 1005FNL 1630FWL 32, 780565 N Lat, 104, 235432 W Lon       EDDY       NM         14. Date Spunded       15. Date TD Reached       16. Date Completed       17. Elevations (DF, 88, RT, GL)*         05027/2014       16. Date Completed       0.84. Org. Ready to Prod.       17. Elevations (DF, 88, RT, GL)*         18. Total Depth:       MD       4625       19. Plug Back T.D.       MD       4570       20. Depth Bridge Plug Set:       MD         21. Type Electric & Other Mechanical Logs Run (Submit corp of cach)       TVD       4570       20. Depth Bridge Plug Set:       MD       MO       MYD       Yes (Submit ana Directional Survey)       No       MY Set Submit ana Directional Survey)       No       MY Set Su	op prod interval repo	orted below	NENW L	ot 3 100	5FNL 1	1630FW	L 32.7805	i65 N La	t, 104.2	35432	2 W Lon				13. State
05/27/2014         05/31/2014         ID & A & State day to Prod.         3603 GL           18. Total Depth:         MD TVD         4625         19. Plug Back T.D.: TVD         MD TVD         20. Depth Bridge Plug Set: MD TVD         MD TVD           21. Type Electric & Other Mechanical Logs Run (Submit copy of each) BHCS/H-RES LL/OWCAL/SGR         22. Was well cored? Was well cored?         No         Step Strue?         No         Step Step Step Strue?         No         Step Step Step Step Step Step Step Step		· • • • •				5 N Lat,						E	DDÝ		NM
TVD       TVD       TVD         21. Type Electric & Oher McLaminical Logs Run (Submit copy of each)       22. Was well cored? Was DST run?       No       28. Wes (Submit ana 29. Casing and Liner Record (Report all strings set in well)         23. Casing and Liner Record (Report all strings set in well)       Top Electric (MD)       Bottom       Stage Cementer (MD)       No. of Sks. & (MD)       Stage Cementer (MD)       No. of Sks. & (MD)       Stage Cementer Type of Cement (BBL)       No. of Sks. & (MD)       Stage Cementer (MBL)       No. of Sks. & (MD)       Stage Cementer (MBL)       No. of Sks. & (MBL)       No. of Sks. & (		1.			hed			& A 📩	🗙 Read				360	03 GL	3, RT, GL)*
BHCS/MI-RES LL/CN/CAL/SGR       Was DST run?       No       No       Yes (Submit ana Directional Survey?)         23. Casing and Liner Record (Report all strings set in well)       Bottom       Stage Cementer No. of Sks. & Slurry Vol. (BBL)       Cement Top*       Amount 1         17.500       13.375 H-40       48.0       378       530       0       0         7.875       5.500 J-55       17.0       4625       1120       0       0         24. Tubing Record       20.0       20.0       20.0       20.0       20.0       20.0       20.0         25. Production Intervals       26. Perforation Record       26. Perforation Record       Size       No. Holes       Perf Status         27. Acid, Fracture, Treatment, Cement Squeeze, Etc.       20.0       26. Perforation Record       20.0       39.0       Perf Status         28. Production - Interval A       24.0       25.8       30.0       20.0       39.0       Perf Status         29.       29.00       26.8       20.0       3268 To 4296       1.000       39.0       Perf Status         29.       20.0       20.0       20.0       20.0       20.0       39.0       Perf Status         29.       20.0       20.0       20.0       20.0       30.0	' T	`VD											dge Plug Se	:t:	
Hole Size         Size/Grade         Wi. (#/h.).         Top (MD)         Bottom (MD)         Stage Cementer Depth         No. of Sks. & Type of Cement         Slurry Vol. (BBL)         Cement Top*         Amount I           17.500         13.375 H-40         48.0         378         530         0         0           7.875         5.500 J-55         17.0         4625         1120         0         0           7.875         5.500 J-55         17.0         4625         1120         0         0           24.         Tubing Record         1	CS/HI-RES LL/CN/	CAL/SGR			py of ca	ich)				Was D	ST run?		No i	🛛 Yes	(Submit analysis)
Hole Size         Size(Lrade         WL (#/L)         (MD)         (MD)         Depth         Type of Cement         (BBL)         Cement Top <sup>®</sup> Amount T           17.500         13.375 H-40         48.0         378         530         0         0           7.875         5.500 J-55         17.0         4625         1120         0         0           7.875         5.500 J-55         17.0         4625         1120         0         0           24.         Tubing Record         1	<u> </u>	<u>, , , , , , , , , , , , , , , , , , , </u>			Botto	m Sta	ge Cement	er No	of Sks.	&	Slurry	Vol.			
7.875       5.500 J-55       17.0       4625       1120       0         24. Tubing Record       24. Tubing Record       24. Tubing Record       24. Tubing Record       25. Producing Intervals       26. Perforation Record         25. Producing Intervals       26. Perforation Record       5ize       0 perforated Interval       5ize       No. Holes       Perf. Status         A)       GLORIETA-YESO       3268       4296        3268 TO 4296       1.000       39       PRODUCING -         B)	ize Size/Grad	e Wi. (#	2/11 1 1	1 · 1 · 1 · 1 · 1 ·						-		Cement Top* Amount Pul		Amount Pulled	
Arited															
24. Tubing Record         Size       Depth Set (MD)       Packer Depth (MD)       Size       Depth Set (MD)       Packer Depth (MD)       Size       Depth Set (MD)       Packer Depth         2.875       4390       4390       26. Perforation Record       1 </td <td>875 5.500</td> <td>J-55</td> <td>17.0</td> <td>4025</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1120</td> <td></td> <td></td> <td></td> <td>0</td> <td></td>	875 5.500	J-55	17.0	4025						1120				0	
24. Tubing Record         Size       Depth Set (MD)       Packer Depth (MD)       Size       Depth Set (MD)       Packer Depth (MD)       Size       Depth Set (MD)       Packer Depth         2.875       4390       26. Perforation Record       26. Perforation Record       No. Holes       Perf. Status         A)       GLORIETA-YESO       3268       4296															
24. Tubing Record          Size       Depth Set (MD)       Packer Depth (MD)       Size       Depth Set (MD)       Packer Depth (MD)       Size       Depth Set (MD)       Packer Depth Set (MD)       Packe					·	· .		_							
2.875       4390       26. Perforation Record         25. Producing Intervals       26. Perforation Record         A)       GLORIETA-YESO       3268       4296       .       3268 TO 4296       1.000       39 PRODUCING         B)		· ·				·							I		
25. Producing Intervals       26. Perforation Record         Formation       Top       Bottom       Perforated Interval       Size       No. Holes       Perf. Status         A)       GLORIETA-YESO       3268       4296			Depth (MD	) Siz	ze I	Depth Se	t (MD)	Packer I	Depth (N	1D)	Size	De	epth Set (MI	D)	Packer Depth (MD)
A) GLORIETA-YESO 3268 4296 . 3268 TO 4296 1.000 39 PRODUCING - B) C) D PRODUCING - C) D A Contract Squeeze, Etc. Depth Interval ARTESIA DISTR 3268 TO 4296 3500 ACID, 300,258# SAND, 3150 GAL 10# GEL,201,348 GAL 20# ARTESIA DISTR 3268 TO 4296 3500 ACID, 300,258# SAND, 3150 GAL 10# GEL,201,348 GAL 20# ARTESIA DISTR 3268 TO 4296 3500 ACID, 300,258# SAND, 3150 GAL 10# GEL,201,348 GAL 20# ARTESIA DISTR 3268 TO 4296 3500 ACID, 300,258# SAND, 3150 GAL 10# GEL,201,348 GAL 20# ARTESIA DISTR 3268 TO 4296 3500 ACID, 300,258# SAND, 3150 GAL 10# GEL,201,348 GAL 20# ARTESIA DISTR 3268 TO 4296 3500 ACID, 300,258# SAND, 3150 GAL 10# GEL,201,348 GAL 20# ARTESIA DISTR 3268 TO 4296 3500 ACID, 300,258# SAND, 3150 GAL 10# GEL,201,348 GAL 20# ARTESIA DISTR 3268 TO 4296 3500 ACID, 300,258# SAND, 3150 GAL 10# GEL,201,348 GAL 20# ARTESIA DISTR 3268 TO 4296 3500 ACID, 300,258# SAND, 3150 GAL 10# GEL,201,348 GAL 20# ARTESIA DISTR 3268 TO 4296 3500 ACID, 300,258# SAND, 3150 GAL 10# GEL,201,348 GAL 20# ARTESIA DISTR 3268 TO 4296 3500 ACID, 300,258# SAND, 3150 GAL 10# GEL,201,348 GAL 20# ARTESIA DISTR 3268 TO 4296 3500 ACID, 300,258# SAND, 3150 GAL 10# GEL,201,348 GAL 20# ARTESIA DISTR 3268 TO 4296 3500 ACID, 300,258# SAND, 3150 GAL 10# GEL,201,348 GAL 20# ARTESIA DISTR 3268 TO 4296 3500 ACID, 300,258# SAND, 3150 GAL 10# GEL,201,348 GAL 20# ARTESIA DISTR 327 Acid, First, C,	-	10				26. Pert	foration Re	cord			<u> </u>	1			
B) C)	Formation	Т	Гор	Bot	ltom		Perforate	ed Interva	l		Size	1	No. Holes		Perf. Status
C)	GLORIETA-YES	60	326	3	4296	•		3268	8 TO 42	96	1.00	00	39	PRO	DUCING -
D) 27. Acid, Fracture, Treatment, Cement Squeeze, Etc. Depth Interval 3268 TO 4296 3500 ACID, 300,258# SAND, 3150 GAL 10# GEL,201,348 GAL 20# ARTESIA DISTR OCT 1 6 2( CT 1 6 2(										+-					· · · · · · · · · · · · · · · · · · ·
Depth Interval ARTESIA DISTR 3268 TO 4296 3500 ACID, 300,258# SAND, 3150 GAL 10# GEL,201,348 GAL 20# ARTESIA DISTR 0CT 1 6 2( 28. Production - Interval A Date First Test Hours Tested Production 09/19/2014 10/06/2014 24 01 21.0 96.0 140.0 37.0 Crr. API Gas 140.0 37.0 Crr. API Gas 140.0 37.0 ELECTRIC PUMPING UNIT Choke Tbg. Press. Csg. Pross. Rate BBL MCF BBL Gas S1 001 Gas MCF BBL Gas Water BBL Gas.Oil Rate ACF BBL Gas Corr. API Corr															
28. Production - Interval A 28. Production - Interval A Date First roduced 09/19/2014 10/06/2014 24 Tested 10/0 21.0 96.0 140.0	· · · · · · · · · · · · · · · · · · ·	nt, Cement Sq	queeze, Etc					Amount	and Typ	e of M	aterial		NM (		
28. Production - Interval A         RECEIVE         Date First roduced       Test Date       Hours Tested       Test Production       Oil BBL       Gas MCF       Oil Gravity BBL       Gas Corr. API       Gas Gravity       Production Method Barvity         Choke       Tbg. Press. Flwg.       Csg. Press.       24 Hr. Rate       Oil BBL       Gas MCF       Water BBL       Gas:Oil Ratio       Well Status 4571       POW	3268	TO 4296 35	500 ACID, 3	00,258#	SAND, 3	3150 GAI	L 10# GEL,	201,348 (	GAL 20#						
Date     First     Test     Hours     Test     Oil     Gas     Water     Oil Gravity     Gas     Production     Production       09/19/2014     10/06/2014     24     -     -     21.0     96.0     140.0     37.0     Gas     Gravity     ELECTRIC PUMPING UNIT       Choke     Tbg. Press.     Csg.     24.1 Hr.     Oil     Gas     Water     BBL     Gas.Oil     Water       Size     Size     Oil     BBL     MCF     BBL     Water     BBL     BB														00	
Date     First     Test     Hours     Test     Oil     Gas     Water     Oil Gravity     Gas     Production     Production       09/19/2014     10/06/2014     24     -     -     21.0     96.0     140.0     37.0     Gas     Gravity     ELECTRIC PUMPING UNIT       Choke     Tbg. Press.     Csg.     24.1 Hr.     Oil     Gas     Water     BBL     Gas.Oil     Water       Size     Size     Oil     BBL     MCF     BBL     Water     BBL     BB	duction - Interval A													R	FCEIVED
09/19/2014       10/06/2014       24       21.0       96.0       140.0       37.0       ELECTRIC PUMPING UNIT         Choke Size       Tbg. Press. Flwg. SI       Csg. Press. SI       24 IIr. Rate       Oil BBL       Gas MCF       Water BBL       Gas:Oil Ratio       Well Status         28a. Production – Interval B       B       SI       SI       POW       SI	Test Ho											Product	ion Method		and and here in the left
Flwg.     Press.     Rate     BBL     MCF     BBL     Ratio       28a     Production - Interval B	014 10/06/2014	24[		1.0	96.0	14	40.0	37.0					ELECTR	RIC PU	MPING UNIT
28a. Production - Interval B         Pate First roduced       Test Tested       Oil BBL       Gas MCF       Oil Gravity Corr. API       Gas Gra       Pending BLM approvals will Gravity be reviewed         Choke Tbg. Press. Flux       Csg. Press. Rate       BBL       Oil Gas MCF       Water       Gas: Oil Gravity Corr. API       Gas Gra       Pending BLM approvals will subsequently be reviewed	Flwg, Pre							tio							
Date     Test roduced     Hours Date     Test Tested     Oil Production     Gas BBL     Water BBL     Oil Gravity Corr. API     Gas Gra     Pending BLM approvals Will subsequently be reviewed       Tog. Press.     Tbg. Press.     Csg.     24 Hr.     Oil     Gas     Water     Gas:Oil     well     subsequently be reviewed       Tog. Press.     Flyw     Press     BBL     MCF     BBL     Gas:Oil     well     subsequently be reviewed															
Choke Tbg. Press. Csg. 24 Hr. Oil Gas Water Gas.Oil Subsequences Size										Gas Gra	Pendi	ng B	LM appr	oval: evi <u>e</u> v	s will wed
Size man scame (	Flwg. Pre					Water BBL				Well	subse and se	canr	ned	'nG	

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280. PIOU	etion - Inter	val C									
Date First roduced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production	Method	
hoke ize	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well S	tatus		
28c. Produ	iction - Inter	val D		· · · · ·	·		• • • •				· · · · · · · · · · · · · · · · · · ·
ate First roduced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production	Method	
hoke ize	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well S	tatus		
29. Dispos SOLD		Sold, used	for fuel, vent	ed. etc.)	· · · · ·	- <b>-</b>		I	· · · · · · · · · · · · · · · ·		
30. Summ	ary of Porou	s Zones (Ir	nclude Aquife	rs):	<u></u>				31. Formation (L	og) Markers	
tests, i	all important ncluding dep coveries. _	zones of p th interval	orosity and co tested, cushic	ontents there on used, time	of: Cored tool open	intervals and al , flowing and s	II drill-stem hut-in pressures	3			
	Formation		Тор	Bottom		Description	s, Contents, etc.		1	lame	Top Meas. Depth
ATES EVEN RI SRAYBUF AN ANDI CORIET/ ADDOCH LINEBR	RG RES A K		232 475 1481 1825 3257 3382 3806	475 1028 1825 3257 3382 3806	SH DC DC DC DC	IALE,SS*,ANI DL*,SS*,SANI DLOMITE,CHI DLOMITE, SA DLOMITE/O,G	NDSTÓNE/O,	_*/O,G,W W* G,W*	YATES SEVEN RIV GRAYBUR( SAN ANDR GLORIETA PADDOCK BLINEBRY	3	232 475 1481 1825 3257 3382 3806
					1	·	* . <i>:</i>	•••			
Forma Water Queer	ation tops co table-wate	ontinued: r formatio 31' Siltstoi	olugging proce n above Yate ne, sandstor	es-Not logo	ed. e/Water.						
	Siltstone										
1. Ele		anical Log	s (1 full set re g and cement	• •		<ol> <li>Geologic F</li> <li>Core Analy</li> </ol>	-		DST Report Other:	4. Di	rectional Survey
34. I herel	- by certify tha	t the foreg		ronic Subm	ission #27(	0501 Verified	ect as determine by the BLM W ION, sent to th	ell Inform	available records ( ation System. d	sce attached ins	tructions):
Name	(please print)	) <u>PAIGE F</u>	UTRELL	·			Title R	EGULATO	DRY ANALYST		
	ure		nic Submissi	(22)			Date 10				

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\*\* ORIGINAL \*\*

# Additional data for transaction #270501 that would not fit on the form

#### 32. Additional remarks, continued

Dol\*: Dolomite O,G,W\*: Oil, Gas, Water

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Attachments- Frac Disclosure, OCD Forms C-102 & C-104. Logs mailed 09/17/2014.

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