Form 3160-4

(October 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other In-structions on reverse side)

FOR APPROVED OMB NO. 1004-0137

Expires: December 31, 1991 5 LEASE DESIGNATION AND SERIAL NO.

USA SF-078716-A

a TYPE OF WELL:					/I WILD	LOG'	•	6. IF	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
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TYPE OF COMPLE					DEU	A Marie II				_	
NEW WELL	WORK C	DEEP- PLUG BACK	DIFF RESVR	Other	A ST COMMENT		3 <i>008</i>	8. F/	ARM OR LEASE	NAME, WELL NO.	
wett L	OVER '	EACK I	L RESVA L					1	Hi	ubbell 3P	
2. NAME OF OPERAT	OR							9 A	PI WELL NO.		
		ES OIL & GAS	COMPANY, LP		0	i Lano	solf Office			196-000	3
3 ADDRESS AND TE			20.11.71.71.7		Eath)	lugton t	Management Management	10. F	IELD AND POO	L, OR WILDCAT	
	289, Farmington	ı. NM 87499	(505) 326-970	00	Fo			1	co MV/Bas	•	
4. LOCATION OF WE					ments)*			1		OR BLOCK AND SU	JRVEY
At surface U	Init I (NESE) 21	75' FSL & 660	FFL	•	,			i .	OR AREA		
A Garago	Jiller (14202) 2							Sec	18 T29N R	10W, NMPM	
At top prod interval	reported below	Same as a	hovo								.
At top plou interval	reported below	Junie as a	DOVE					l	KUVDI	HAR 28 '0E	j
At total depth	Same as above							i	OTI O	nair ivii	
								Ś	uil u	ONS. DIV.	110 -1-
4			. 14. PERMIT NO		· DATE ISSUE	D ·		12. 0	COUNTY OR	13. STATE	
			ł	1				1	PARISH [) IST. 3L	
		1/3 64	TE 000101 700-7					L	San Juan		
	6. DATE T.D REAL		TE COMPL. (Ready to	prou)		1	VATIONS (DF, RKE			19. ELEV. CAS	INGHEAD
11/21/07 D. TOTAL DEPTH, MD &	11/27/07	UG, BACK T.D., MD	3/14/08 8TVD 22 IF MUL	TIDI E CO	4DI	GL 23. INTE	5812'	KB	5828'	CARLE TOO' O	
A TOTAL DEFIN, MU &	,,,,,,	00, DACK 1.D., MD	22 IF MUL	HOW MA			LLED BY	ROIA		CABLE TOOLS	
6751'		5747'		2	••			yes		1	
4. PRODUCTION INTER			OTTOM, NAME (MD AN	ID TVD)*		<u> </u>		2	25. WAS DIRE	CTIONAL	
									SURVEY		
Blanco Mesave		' - 4731'							<u> </u>	No	
6. TYPE ELECTRIC AND		ı			•			27. WA	S WELL CORED		
GR/CCL/CBL	<u> </u>									No	
9			CASING RE	CORD (Re	eport all strings					•	
CASING SIZE/GRADE	WEIGHT, LB /F						MENTING RECOF	₹D		AMOUNT PULLED	
9 5/8", H-40	32.3#	290'	12 1/4"		urface; 173		(222 cf)		25 bbls		
7", J-55	20#	3988'	8 3/4"	i s	urface; 584	SX	1117 <i>A</i> ~ 1 1		80 bbis		
	_1	L	E 47411		AA 15001 5		(1174 cf)				
4 1/2", J-55	10.5#	6750	6 1/4"	<u> </u>	OC 4380', 2			77.15			
4 1/2", J-55	10.5#	6750°		3	0.		24cf)		BING RECORD		
4 1/2", J-55	10.5#	6750°		3 (MĐ)	0. SIZE	14 sx (4	24cf) DEPTH SET (F		BING RECORD) PACKER SET (MD)	
4 1/2", J-55	10.5#	6750°		3 (MĐ)	0.	14 sx (4	24cf)		BING RECORD		
4 1/2", J-55	10.5# LINE D) BOTTOM (MI	6750° ER RECORD D) SACKS CE		3 (MĐ)	o. SIZE -3/8"	14 sx (4	DEPTH SET (16623'	MD)	BING RECORD	PACKER SET (MD)	
4 1/2", J-55 SIZE TOP (MD PERFORATION RECO	LINE D) BOTTOM (MI	6750° ER RECORD D) SACKS CE	MENT* SCREEN	3 N (MD)	o. SIZE -3/8"	14 sx (4	24cf) DEPTH SET (F	MD) EMEN	BING RECORD F T SQUEEZE, E	PACKER SET (MD)	
4 1/2", J-55 SIZE TOP (MD PERFORATION RECO .O/LMF .34" @ 1	10.5# LINE D) BOTTOM (MI DIRD (Interval, size an	6750° ER RECORD D) SACKS CE	MENT* SCREEN	3 N (MD)	o. SIZE -3/8"	ID, SHOT	DEPTH SET (F	MD) EMEN' % HCI	BING RECORD F T SQUEEZE, E Frac w/11	TC.	
4 1/2", J-55	10.5# LINE D) BOTTOM (MI DIRD (Interval, size an	6750° ER RECORD D) SACKS CE	MENT* SCREEN	3 N (MD)	o. SIZE -3/8"	ID, SHOT	DEPTH SET (F 6623' F, FRACTURE, C w/10 bbls 15'	MD) EMEN' % HCI	BING RECORD F T SQUEEZE, E Frac w/11	TC.	
PERFORATION RECO. O/LMF .34" @ 1 88' - 4731' = 28 h	10.5# LINE D) BOTTOM (MI DIRD (Interval, size an	6750° ER RECORD D) SACKS CE	MENT* SCREEN	3 N (MD)	o. SIZE -3/8"	ID, SHOT	DEPTH SET (I 6623' T, FRACTURE, C w/10 bbls 15' am, w/101,280	MD) EMEN' % HCI	BING RECORD F T SQUEEZE, E Frac w/11	TC.	
PERFORATION RECO. O/LMF .34" @ 1 88' - 4731' = 28 h	10.5# LINE D) BOTTOM (MI DIRD (Interval, size an	6750° ER RECORD D) SACKS CE	MENT* SCREEN	3 N (MD)	o. SIZE -3/8"	ID, SHOT	DEPTH SET (I 6623' T, FRACTURE, C w/10 bbls 15' am, w/101,280	MD) EMEN' % HCI	BING RECORD F T SQUEEZE, E Frac w/11	TC.	
PERFORATION RECO .O/LMF .34" @ 1 88' - 4731' = 28 h	10.5# LINE D) BOTTOM (MI DIRD (Interval, size an	6750° ER RECORD D) SACKS CE	MENT* SCREEN	731°	0. SIZE -3/8" AC	ID, SHOT	DEPTH SET (I 6623' T, FRACTURE, C w/10 bbls 15' am, w/101,280	MD) EMEN' % HCI	BING RECORD F T SQUEEZE, E Frac w/11	TC.	
PERFORATION RECO O/LMF .34" @ 1 88' - 4731' = 28 h	LINE LINE LINE D) BOTTOM (MI BRD (Interval, size an SPF noles	R RECORD D) SACKS CE	MENT* SCREEN 32. 4488' - 4	731'	O. SIZE -3/8" AC	ID, SHOTI acidize slickfor N2 = 96	DEPTH SET (I 6623' T, FRACTURE, C w/10 bbls 15' am, w/101,280	MD) EMEN % HCI # 20/4	FING RECORD F T SQUEEZE, E Frac w/11 10 Brady Sai	TC. 13 bbis 60Q	70)
PERFORATION RECO .O/LMF .34" @ 1 88' - 4731' = 28 h tal holes = 28	LINE LINE LINE D) BOTTOM (MI BRD (Interval, size an SPF noles	R RECORD D) SACKS CE	32. 4488' - 4	731' PROI	O. SIZE -3/8" AC	ID, SHOTI acidize slickfor N2 = 96	DEPTH SET (I 6623' T, FRACTURE, C w/10 bbls 15' am, w/101,280	MD) EMEN % HCI	FING RECORD FOR T SQUEEZE, E Frac w/11 IO Brady Sai	TC.	<i>n</i>)
PERFORATION RECO. O/LMF .34" @ 1 88' - 4731' = 28 h	LINE LINE LINE D) BOTTOM (MI BRD (Interval, size an SPF noles	R RECORD D) SACKS CE	MENT* SCREEN 32. 4488' - 4	731' PROI	SIZE -3/8" AC DUCTION and type of pump	ID, SHOTI acidize slickfor N2 = 96	DEPTH SET (# 6623" FRACTURE, C w/10 bbls 15' am, w/101,280 55,000 SCF	EMEN % HCI # 20/4	FING RECORD F T SQUEEZE, E Frac w/11 10 Brady Sai	TC. 13 bbis 60Q	in)
PERFORATION RECO O/LMF .34" @ 1 88' - 4731' = 28 h tal holes = 28 EFIRST PRODUCTION W/O Facilities	LINE DI BOTTOM (MI DIRD (Interval, size an SPF noles	R RECORD D) SACKS CE d number)	MENT* SCREEN 32. 4488* - 4 (Flowing, gas lift, pump	3 3 3 N (MD) 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	SIZE -3/8" AC DUCTION and type of pump	ID, SHOT acidize slickfor N2 = 96	DEPTH SET (# 6623" FRACTURE, C w/10 bbls 15' am, w/101,280 55,000 SCF	EMEN % HCI # 20/4	FING RECORD FOR T SQUEEZE, E Frac w/11 Frac W/11 Frady Sai	TC. 13 bbls 60Q nd (Producing or shuf-	<i>in</i>)
4 1/2", J-55 SIZE TOP (MD PERFORATION RECO O/LMF .34" @ 1 88' - 4731' = 28 h tal holes = 28 EFIRST PRODUCTION W/O Facilities E OF TEST 3/7/08	10.5# LINE D) BOTTOM (MI BRD (Interval, size an SPF noles PRO HOURS TESTED	R RECORD SACKS CE d number) DOUCTION METHOD CHOKE SIZE 1/2"	MENT* SCREEN 32. 4488* - 4 (Flowing, gas lift, puming Flowing	PROJ OIL-BBL	SIZE -3/8" AC DUCTION ad type of pump	ID, SHOT acidize slickfor N2 = 96	DEPTH SET () 6623' FRACTURE, C w/10 bbls 15' am, w/101,280 55,000 SCF	EMEN' % HCI # 20/4	FING RECORD FOR T SQUEEZE, E Frac w/11 Frac W/11 Frady Sai	TC. 13 bbls 60Q nd (Producing or shur-	
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PERFORATION RECO OLO/LMF .34" @ 1 88' - 4731' = 28 h tal holes = 28 EFIRST PRODUCTION W/O Facilities E OF TEST 3/7/08 W. TUBING PRESS	10.5# LINE D) BOTTOM (MI BRD (Interval, size an SPF noles PRO HOURS TESTED 1 CASING PRESSUI	R RECORD SACKS CE d number) DOUCTION METHOD CHOKE SIZE 1/2"	MENT* SCREEN 32. 4488' - 4 400'N FOR TEST PERIOD OIL-BBL	PROID OIL-BBL	O. SIZE -3/8" AC DUCTION and type of pump. GAS-MCF	ID, SHOT acidize slickfor N2 = 96	DEPTH SET () 6623' F. FRACTURE, C w/10 bbis 15' am, w/101,280 55,000 SCF	MD) EMEN % HCI # 20/4	T SQUEEZE, E Frac w/11 10 Brady Sau WELL STATUS SI R-BBL	TC. 13 bbls 60Q nd (Producing or shur-	
PERFORATION RECO O/LMF .34" @ 1 88' - 4731' = 28 h ral holes = 28 EFIRST PRODUCTION W/O Facilities E OF TEST 3/7/08 W. TUBING PRESS SI - 477#	Inc. S# LINE LINE D) BOTTOM (MI BRD (Interval, size an SPF noles PRO HOURS TESTED 1 CASING PRESSUI SI - 575#	R RECORD SACKS CE O SACKS CE CHOKE SIZE 1/2" RE CALCULATED 24-HOUR RATE	MENT SCREEN 32. 4488' - 4 (Flowing, gas lift, puming) PROD'N FOR TEST PERIOD OIL—BBL	PROID OIL-BBL	SIZE -3/8" AC DUCTION ad type of pump	ID, SHOT acidize slickfor N2 = 96	DEPTH SET () 6623' F. FRACTURE, C w/10 bbis 15' am, w/101,280 55,000 SCF	EMEN' % HCI # 20/4	T SQUEEZE, E Frac w/11 10 Brady Sau WELL STATUS SI R-BBL	CACKER SET (MD) TC. 13 bbls 60Q nd (Producing or shur-	
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United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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Well Name	f.	Hubbell 3P		
Ojo Alamo	1020' 1	128' White, cr-gr ss.	Ojo Alamo	102
Kirtland		840' Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	112
Fruitland	1840': 2	144' Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss	Fruitland	1840
Pictured Cliffs		312' Bn-Gry, fine grn, tight ss.	Pic.Cliffs	214
Lewis	2312' 2	745' Shale w/siltstone stringers	Lewis	231
Huerfanito Bentonite		113' White, waxy chalky bentonite	Huerfanito Bent.	274
Chacra	3113' 3	643' Gry fn grn silty, glauconitic sd stone w/drk gry shale	Chacra	311
Mesa Verde	3643' 3	828' Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	364
Menefee	3828' 4	450' Med-dark gry, fine gr ss, carb sh & coal	Menefee	382
Point Lookout	4450' 4	844' Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Point Lookout	445
Mancos		689' Dark gry carb sh.	Mancos	484
Gallup	5689' 6	458' Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. Interbeb sh	Gallup	568
Greenhorn	6458' 6	514' Highly calc gry sh w/thin lmst.	Greenhorn	645
Graneros	6514' 6	576' Dk gry shale, fossil & carb w/pyrite incl.	Graneros	651
Dakota	6576'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shall breaks	Dakota	657

Sign of the second of the seco

(October 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE (See other In-structions on reverse side)

FOR APPROVED OMB NO. 1004-0137

Expires: December 31, 1991 5. LEASE DESIGNATION AND SERIAL NO.

1184 SE-078716-A

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	LETION OR		ETION REP	ORTAND	LOG*		ו טורו	INDIAN, ALLUTT	EE OR TRIBE NAME
1a. TYPE OF WELL:	WELL	GAS WELL X	DRY Other	1					
				REC	A FITTER		7 UN	IT AGREEMENT	NAME
b TYPE OF COMPLE	TION.								
NEW S	WORK DEEP OVER EN	PLUG	OIFF Other	REU	Fran D W		8. FA	RM OR LEASE N	IAME, WELL NO.
WELL L	OVER EN	BACK BACK	RESVROther		7	กกล ไ	ı		LL - 11 0D
- 11115 OF OFFICE	200			<u>₩</u>	2 5 2	000			bbell 3P
2. NAME OF OPERAT		OII A GAG GOA	2410/10				9 AP	WELL NO.	
	ON RESOURCES	OIL & GAS COM	PANY, LP	- Guice- (11)	and Ma	nagement			96-00C1
3. ADDRESS AND TE			r\ 000 0700	Farming	iton Field			ELD AND POOL	
	89, Farmington, N							co MV/Basi	
4 LOCATION OF WEL	· ·	•	ce with any State req	uirements)*		- 1			R BLOCK AND SURVEY
At surface U	Init I (NESE) 2175'	' FSL & 660 FEL						R AREA	
						j	Sec.	18, T29N, R1	OW, NMPM
At top prod. interval	reported below	Same as above)			1		PCUN M	AR 28 '08
						ł			
At total depth S	iame as above					- 1		OIL CO	MS.DIV.
							•		t jegende () Bry
The second second		14	PERMIT NO	DATE ISSU	ED		12. C	OUNTY OR TO	13. STATE
		Ì		l		1			
		7.2 819-88						San Juan	New Mexico
1	DATE T.D REACHE		MPL (Ready to prod)			ATIONS (DF, RKB,			19. ELEV CASINGHE
11/21/07	11/27/07	3/14			GL		KB	5828'	
20. TOTAL DEPTH, MD &/	TVD 21. PLUG,	BACK T.D., MD &TVD	22. IF MULTIPLE	COMPL., / MANY* '	23. INTER		ROTAR	YTOOLS	CABLE TOOLS
6764'		71		* INVIAL.	URILL	.ED 8Y			,
6751' 24 PRODUCTION INTERV	6747		2	\(\int_{\int_{i}}\)			yes	of 1411 6 5 15 = 3	1 *10\141
24 PRODUCTION INTERV	VAL (S) OF THIS COMPL	LETION-TOP, BOTTON	I, NAME (MD AND TVE), -			Ì	25. WAS DIRECT SURVEY MA	
Basin Dakota	6583' - 6	6722'					- 1	301(421 14)	No
26 TYPE ELECTRIC AND		· · · · · · · · · · · · · · · · · · ·					27 WAS	WELL CORED	
GR/CCL/CBL	· ·					1	., III	WELL CONED	No
ON COL/COL									NO
28			CASING RECORD	(Report all strings	s set in well)			
									
CASING SIZE/GRADE	WEIGHT, LB./FT	DEPTH SET (MD				ENTING RECOR			MOUNT PULLED
9 5/8", H-40	32.3#	290'	12 1/4"	surface; 173	SX (222 cf)		25 bbls	MOUNT PULLED
9 5/8", H-40 7", J-55	32.3# 20#	290' 3988'	12 1/4" 8 3/4"	surface; 173 surface; 584	SX (222 cf) 1174 cf)			MOUNT PULLED
9 5/8", H-40 7", J-55 4 1/2", J-55	32.3# 20# 10.5#	290' 3988' 6750'	12 1/4"	surface; 173 surface; 584 TOC 4380', 2	SX (222 cf) 1174 cf)		25 bbls 80 bbls	MOUNT PULLED
9 5/8", H-40 7", J-55 4 1/2", J-55	32.3# 20# 10.5# LINER R	290' 3988' 6750' ECORD	12 1/4" 8 3/4" 6 1/4"	surface; 173 surface; 584 TOC 4380', 2	SX (222 cf) 1174 cf) 4cf)	TUB	25 bbls 80 bbls ING RECORD	
9 5/8", H-40 7", J-55 4 1/2", J-55	32.3# 20# 10.5# LINER R	290' 3988' 6750'	12 1/4" 8 3/4" 6 1/4"	surface; 173 surface; 584 TOC 4380', 2 30.	sx (: sx (: 14 sx (42	222 cf) 1174 cf) 4cf) DEPTH SET (M	TUB	25 bbls 80 bbls ING RECORD	CKER SET (MD)
9 5/8", H-40 7", J-55 4 1/2", J-55	32.3# 20# 10.5# LINER R	290' 3988' 6750' ECORD	12 1/4" 8 3/4" 6 1/4"	surface; 173 surface; 584 TOC 4380', 2	sx (: sx (: 14 sx (42	222 cf) 1174 cf) 4cf)	TUB	25 bbls 80 bbls ING RECORD	
9 5/8", H-40 7", J-55 4 1/2", J-55 29 SIZE TOP (MD)	32.3# 20# 10.5# LINER R	290' 3988' 6750' ECORD SACKS CEMENT'	12 1/4" 8 3/4" 6 1/4" SCREEN (MD)	surface; 173 surface; 584 TOC 4380', 2 30. SIZE 2-3/8"	sx (: sx (: 14 sx (42	222 cf) 1174 cf) 4cf) DEPTH SET (M 623'	TUB!	25 bbls 80 bbls ING RECORD	CKER SET (MD)
9 5/8", H-40 7", J-55 4 1/2", J-55 29 SIZE TOP (MD) 31 PERFORATION RECOR	32.3# 20# 10.5# LINER R	290' 3988' 6750' ECORD SACKS CEMENT'	12 1/4" 8 3/4" 6 1/4" SCREEN (MD) 32.	surface; 173 surface; 584 TOC 4380', 2 30. SIZE 2-3/8"	sx (; sx (; 14 sx (42 6	222 cf) 1174 cf) 4cf) DEPTH SET (M 623' FRACTURE, CE	TUBI IO)	25 bbis 80 bbis ING RECORD PA SQUEEZE, ET	CKER SET (MD)
9 5/8", H-40 7", J-55 4 1/2", J-55 29 SIZE TOP (MD) 31 PERFORATION RECOR	32.3# 20# 10.5# LINER R BOTTOM (MD) RD (Interval, size and nui	290' 3988' 6750' ECORD SACKS CEMENT'	12 1/4" 8 3/4" 6 1/4" SCREEN (MD)	surface; 173 surface; 584 TOC 4380', 2 30. SIZE 2-3/8"	5x () 5x () 14 sx (42 6 6 CID, SHOT, acidize v	222 cf) 1174 cf) 4cf) DEPTH SET (M 623' FRACTURE, CE w/10 bbls 15%	TUBI	25 bbis 80 bbis ING RECORD PA SQUEEZE, ET Frac w/233	CKER SET (MD) C. 19 bbis
9 5/8", H-40 7", J-55 4 1/2", J-55 29 SIZE TOP (MO) 31 PERFORATION RECOR .34" @ 1 SPF 6583' - 6677' = 40 ho	32.3# 20# 10.5# LINER R BOTTOM (MD) RD (Interval, size and nui	290' 3988' 6750' ECORD SACKS CEMENT'	12 1/4" 8 3/4" 6 1/4" SCREEN (MD) 32.	surface; 173 surface; 584 TOC 4380', 2 30. SIZE 2-3/8"	5x () 5x () 14 sx (42 6 6 CID, SHOT, acidize v	222 cf) 1174 cf) 4cf) DEPTH SET (M 623' FRACTURE, CE	TUBI	25 bbis 80 bbis ING RECORD PA SQUEEZE, ET Frac w/233	CKER SET (MD) C. 19 bbis
9 5/8", H-40 7", J-55 4 1/2", J-55 29 SIZE TOP (MO) 31 PERFORATION RECOF .34" @ 1 SPF 6583' - 6677' = 40 hc .34" @ 2 SPF	32.3# 20# 10.5# LINER R BOTTOM (MD) RD (Interval, size and nui	290' 3988' 6750' ECORD SACKS CEMENT'	12 1/4" 8 3/4" 6 1/4" SCREEN (MD) 32.	surface; 173 surface; 584 TOC 4380', 2 30. SIZE 2-3/8"	5x () 5x () 14 sx (42 6 6 CID, SHOT, acidize v	222 cf) 1174 cf) 4cf) DEPTH SET (M 623' FRACTURE, CE w/10 bbls 15%	TUBI	25 bbis 80 bbis ING RECORD PA SQUEEZE, ET Frac w/233	CKER SET (MD) C. 19 bbis
9 5/8", H-40 7", J-55 4 1/2", J-55 29 SIZE TOP (MO) 31 PERFORATION RECOR .34" @ 1 SPF 6583' - 6677' = 40 ho	32.3# 20# 10.5# LINER R BOTTOM (MD) RD (Interval, size and nui	290' 3988' 6750' ECORD SACKS CEMENT'	12 1/4" 8 3/4" 6 1/4" SCREEN (MD) 32.	surface; 173 surface; 584 TOC 4380', 2 30. SIZE 2-3/8"	5x () 5x () 14 sx (42 6 6 CID, SHOT, acidize v	222 cf) 1174 cf) 4cf) DEPTH SET (M 623' FRACTURE, CE w/10 bbls 15%	TUBI	25 bbis 80 bbis ING RECORD PA SQUEEZE, ET Frac w/233	CKER SET (MD) C. 19 bbis
9 5/8", H-40 7", J-55 4 1/2", J-55 29 SIZE TOP (MO) 31 PERFORATION RECOR .34" @ 1 SPF 6583' - 6677' = 40 ho .34" @ 2 SPF 6697' - 6722' = 18 ho	32.3# 20# 10.5# LINER R BOTTOM (MD) RD (Interval, size and nui	290' 3988' 6750' ECORD SACKS CEMENT'	12 1/4" 8 3/4" 6 1/4" SCREEN (MD) 32.	surface; 173 surface; 584 TOC 4380', 2 30. SIZE 2-3/8"	5x () 5x () 14 sx (42 6 6 CID, SHOT, acidize v	222 cf) 1174 cf) 4cf) DEPTH SET (M 623' FRACTURE, CE w/10 bbls 15%	TUBI	25 bbis 80 bbis ING RECORD PA SQUEEZE, ET Frac w/233	CKER SET (MD) C. 19 bbis
9 5/8", H-40 7", J-55 4 1/2", J-55 29 SIZE TOP (MO) 31 PERFORATION RECOR .34" @ 1 SPF 6583' - 6677' = 40 hc .34" @ 2 SPF 6697' - 6722' = 18 hc	32.3# 20# 10.5# LINER R BOTTOM (MD) RD (Interval, size and nui	290' 3988' 6750' ECORD SACKS CEMENT'	12 1/4" 8 3/4" 6 1/4" SCREEN (MD) 32. 6583' - 6722'	surface; 173 surface; 584 TOC 4380', 2 30. SIZE 2-3/8"	5x () 5x () 14 sx (42 6 6 CID, SHOT, acidize v	222 cf) 1174 cf) 4cf) DEPTH SET (M 623' FRACTURE, CE w/10 bbls 15%	TUBI	25 bbis 80 bbis ING RECORD PA SQUEEZE, ET Frac w/233	CKER SET (MD) C. 19 bbis
9 5/8", H-40 7", J-55 4 1/2", J-55 29 SIZE TOP (MO) 31 PERFORATION RECOR .34" @ 1 SPF 6583' - 6677' = 40 ho .34" @ 2 SPF 6697' - 6722' = 18 ho	32.3# 20# 10.5# LINER R D BOTTOM (MD) RD (Interval, size and null coles	290' 3988' 6750' ECORD SACKS CEMENT'	12 1/4" 8 3/4" 6 1/4" SCREEN (MD) 32. 6583' - 6722'	surface; 173 surface; 584 TOC 4380', 2 30. SIZE 2-3/8" AC	sx (: sx (: 14 sx (42 6 6 CID, SHOT, acidize v slickwat	222 cf) 1174 cf) 4cf) DEPTH SET (M 623' FRACTURE, CE w/10 bbls 15%	TUBI ID) EMENT 6 HCL 20/40	25 bbis 80 bbis ING RECORD PA SQUEEZE, ET . Frac w/233 TLC Proppa	CKER SET (MD) C. 19 bbis
9 5/8", H-40 7", J-55 4 1/2", J-55 29 SIZE TOP (MD) 31 PERFORATION RECOF .34" @ 1 SPF 6583' - 6677' = 40 hc .34" @ 2 SPF 6697' - 6722' = 18 hc total holes = 58 33.	32.3# 20# 10.5# LINER R D BOTTOM (MD) RD (Interval, size and null coles	290' 3988' 6750' EECORD SACKS CEMENT'	12 1/4" 8 3/4" 6 1/4" SCREEN (MD) 32. 6583' - 6722'	surface; 173 surface; 584 TOC 4380', 2 30. SIZE 2-3/8" AC	sx (: sx (: 14 sx (42 6 6 CID, SHOT, acidize v slickwat	222 cf) 1174 cf) 4cf) DEPTH SET (M 623' FRACTURE, CE w/10 bbls 15%	TUBIO) EMENT 6 HCL 20/40	25 bbis 80 bbis ING RECORD PA SQUEEZE, ET . Frac w/233 TLC Proppa	CKER SET (MD) C. 19 bbls
9 5/8", H-40 7", J-55 4 1/2", J-55 29 SIZE TOP (MD) 31 PERFORATION RECOF .34" @ 1 SPF 6583' - 6677' = 40 hc .34" @ 2 SPF 6697' - 6722' = 18 hc total holes = 58 33. DATE FIRST PRODUCTION SI W/O Facilities	32.3# 20# 10.5# LINER R D (Interval, size and null coles	290' 3988' 6750' ECORD SACKS CEMENT' mber)	12 1/4" 8 3/4" 6 1/4" SCREEN (MD) 32. 6583' - 6722'	surface; 173 surface; 584 TOC 4380', 2 30. SIZE 2-3/8" ACC	sx (: sx (: 14 sx (42 6 6 CID, SHOT, acidize v slickwat	222 cf) 1174 cf) 4cf) DEPTH SET (M 623' FRACTURE, CE w/10 bbls 15% er w/41,080#	TUBIO) EMENT 6 HCL 20/40	25 bbls 80 bbls ING RECORD PA SQUEEZE, ET Frac w/233 TLC Proppa	CKER SET (MD) C. 19 bbls
9 5/8", H-40 7", J-55 4 1/2", J-55 29 SIZE TOP (MD) 31 PERFORATION RECOF .34" @ 1 SPF 6583' - 6677' = 40 hc .34" @ 2 SPF 6697' - 6722' = 18 hc total holes = 58 33. DATE FIRST PRODUCTION SI W/O Facilities	32.3# 20# 10.5# LINER R D (Interval, size and null coles	290' 3988' 6750' ECORD SACKS CEMENT' TION METHOD (Flow) CHOKE SIZE PRO	12 1/4" 8 3/4" 6 1/4" SCREEN (MD) 32. 6583' - 6722' Fing, gas lift, pumping-si. Flowing	surface; 173 surface; 584 TOC 4380', 2 30. SIZE 2-3/8" AC	sx () sx () 14 sx (42 66 CID, SHOT, acidize v slickwat	222 cf) 1174 cf) 4cf) DEPTH SET (M 623' FRACTURE, CE w/10 bbls 15% er w/41,080#	TUBIO) EMENT 6 HCL 20/40	25 bbls 80 bbls ING RECORD PA SQUEEZE, ET Frac w/233 TLC Proppa	CKER SET (MD) C. 19 bbls nt
9 5/8", H-40 7", J-55 4 1/2", J-55 29 SIZE TOP (MD) 31 PERFORATION RECOF .34" @ 1 SPF 6583' - 6677' = 40 hc .34" @ 2 SPF 6697' - 6722' = 18 hc total holes = 58 33. DATE FIRST PRODUCTION SI W/O Facilities	32.3# 20# 10.5# LINER R D (Interval, size and null coles	290' 3988' 6750' ECORD SACKS CEMENT' TION METHOD (Flow) CHOKE SIZE PRO	12 1/4" 8 3/4" 6 1/4" SCREEN (MD) 32. 6583' - 6722' Fing, gas lift, pumping—st. Flowing DD'N FOR OIL	surface; 173 surface; 584 TOC 4380', 2 30. SIZE 2-3/8" ACC	sx () sx () 14 sx (42 66 CID, SHOT, acidize v slickwat	222 cf) 1174 cf) 4cf) DEPTH SET (M 623' FRACTURE, CE W/10 bbls 15% er w/41,080#	TUBIO) EMENT 6 HCL 20/40	25 bbls 80 bbls ING RECORD PA SQUEEZE, ET Frac w/233 TLC Proppa WELL STATUS (A	CKER SET (MD) C. 19 bbls nt
9 5/8", H-40 7", J-55 4 1/2", J-55 29 SIZE TOP (MO) 31 PERFORATION RECOR .34" @ 1 SPF 6583' - 6677' = 40 ho .34" @ 2 SPF 6697' - 6722' = 18 ho total holes = 58 33. DATE FIRST PRODUCTION SI W/O Facilities DATE OF TEST 3/13/08	32.3# 20# 10.5# LINER R D (Interval, size and null cles cles PRODUC HOURS TESTED 1 CASING PRESSURE	290' 3988' 6750' ECCORD SACKS CEMENT' TION METHOD (Flow) CHOKE SIZE 1/2" CALCULATED O	12 1/4" 8 3/4" 6 1/4" SCREEN (MD) 32. 6583' - 6722' Fing, gas lift, pumping—st. Flowing DD'N FOR OIL	surface; 173 surface; 584 TOC 4380', 2 30. SIZE 2-3/8" AC	SX () SX () 14 SX (42 66 CID, SHOT, acidize v slickwat	222 cf) 1174 cf) 4cf) DEPTH SET (M 623' FRACTURE, CE W/10 bbls 15% er w/41,080#	TUBIO) EMENT 6 HCL 20/40	25 bbls 80 bbls ING RECORD PA SQUEEZE, ET Frac w/233 TLC Proppa WELL STATUS (A	CKER SET (MD) C. 19 bbls nt. -roducing or shul-in)
9 5/8", H-40 7", J-55 4 1/2", J-55 29 SIZE TOP (MO) 31 PERFORATION RECOR .34" @ 1 SPF 6583' - 6677' = 40 ho .34" @ 2 SPF 6697' - 6722' = 18 ho total holes = 58 33. DATE FIRST PRODUCTION SI W/O Facilities DATE OF TEST 3/13/08	32.3# 20# 10.5# LINER R D (Interval, size and null cles cles PRODUC HOURS TESTED 1 CASING PRESSURE	290' 3988' 6750' ECORD SACKS CEMENT' TION METHOD (Flow) CHOKE SIZE PROTES 1/2"	12 1/4" 8 3/4" 5 1/4" SCREEN (MD) 32. 6583' - 6722' Flowing DD'N FOR OIL ST PERIOD	surface; 173 surface; 584 TOC 4380', 2 30. SIZE 2-3/8" AC PRODUCTION Ze and type of pump BBL .20 boph	SX () SX () 14 SX (42 66 CID, SHOT, acidize v slickwat	222 cf) 1174 cf) 4cf) DEPTH SET (M 623' FRACTURE, CE W/10 bbls 15% er w/41,080#	TUBIO) EMENT 6 HCL 20/40	25 bbls 80 bbls ING RECORD PA SQUEEZE, ET Frac w/233 TLC Proppa WELL STATUS (A	CKER SET (MD) C. 19 bbls nt. Producing of shul-in) GAS-OIL RATIO
9 5/8", H-40 7", J-55 4 1/2", J-55 29 SIZE TOP (MD) 31 PERFORATION RECOF .34" @ 1 SPF 6583' - 6677' = 40 hc .34" @ 2 SPF 6697' - 6722' = 18 hc total holes = 58 33. DATE FIRST PRODUCTION SI W/O Facilities DATE OF TEST 3/13/08 FLOW. TUBING PRESS. SI - 477#	32.3# 20# 10.5# LINER R D BOTTOM (MD) RD (Interval, size and nuit coles PRODUC HOURS TESTED 1 CASING PRESSURE SI - 575#	290' 3988' 6750' ECCORD SACKS CEMENT' TION METHOD (Flow) CHOKE SIZE 1/2" CALCULATED 24-HOUR RATE	12 1/4" 8 3/4" 5 1/4" SCREEN (MD) 32. 6583' - 6722' Flowing DD'N FOR OIL ST PERIOD	surface; 173 surface; 584 TOC 4380', 2 30. SIZE 2-3/8" AC PRODUCTION Ze and type of pump BBL .20 boph	SX () SX () 14 SX (42 66 CID, SHOT, acidize v slickwat	222 cf) 1174 cf) 4cf) DEPTH SET (M 623' FRACTURE, CE W/10 bbls 15% er w/41,080#	TUBIO) EMENT 6 HCL 20/40	25 bbls 80 bbls ING RECORD PA SQUEEZE, ET Frac w/233 TLC Proppa WELL STATUS (A	CKER SET (MD) C. 19 bbls nt. Producing of shul-in) GAS-OIL RATIO
9 5/8", H-40 7", J-55 4 1/2", J-55 29 SIZE TOP (MD) 31 PERFORATION RECOF .34" @ 1 SPF 6583' - 6677' = 40 hc .34" @ 2 SPF 6697' - 6722' = 18 hc total holes = 58 33. DATE FIRST PRODUCTION SI W/O Facilities DATE OF TEST 3/13/08 FLOW. TUBING PRESS.	32.3# 20# 10.5# LINER R D BOTTOM (MD) RD (Interval, size and nuit coles PRODUC HOURS TESTED 1 CASING PRESSURE SI - 575#	290' 3988' 6750' ECCORD SACKS CEMENT' TION METHOD (Flow) CHOKE SIZE 1/2" CALCULATED 24-HOUR RATE	12 1/4" 8 3/4" 5 1/4" SCREEN (MD) 32. 6583' - 6722' Fing, gas lift, pumping-si. Flowing DD'N FOR DIL-BBL	surface; 173 surface; 584 TOC 4380', 2 30. SIZE 2-3/8" AC PRODUCTION Ze and type of pump BBL .20 boph GAS-MCF	SX () SX () 14 SX (42 66 CID, SHOT, acidize v slickwat	222 cf) 1174 cf) 4cf) DEPTH SET (M 623' FRACTURE, CE w/10 bbls 15% er w/41,080#	TUBIO) EMENT 6 HCL 20/40 WATER	25 bbls 80 bbls ING RECORD PA SQUEEZE, ET Frac w/233 TLC Proppa WELL STATUS (A	CKER SET (MD) C. 19 bbls nt. Producing or shul-in) [GAS-OIL RATIO OIL GRAVITY-API (COF
9 5/8", H-40 7", J-55 4 1/2", J-55 29 SIZE TOP (MD) 31 PERFORATION RECOF .34" @ 1 SPF 6583' - 6677' = 40 hc .34" @ 2 SPF 6697' - 6722' = 18 hc total holes = 58 33. DATE FIRST PRODUCTION SI W/O Facilities DATE OF TEST 3/13/08 FLOW. TUBING PRESS. SI - 477#	32.3# 20# 10.5# LINER R D (Interval, size and nuit coles PRODUC HOURS TESTED 1 CASING PRESSURE SI - 575# Sold, used for fuel, venter	290' 3988' 6750' EECORD SACKS CEMENT' TION METHOD (Flow) CHOKE SIZE 1/2" CALCULATED 24-HOUR RATE 30, 81c)	12 1/4" 8 3/4" 5 1/4" SCREEN (MD) 32. 6583' - 6722' Fing, gas lift, pumping—si. Flowing DD'N FOR DIL-BBL 4.8 bopd	surface; 173 surface; 584 TOC 4380', 2 30. SIZE 2-3/8" AC PRODUCTION Ze and type of pump BBL .20 boph GAS-MCF	SX () SX () 14 SX (42 66 CID, SHOT, acidize v slickwat	222 cf) 1174 cf) 4cf) DEPTH SET (M 623' FRACTURE, CE w/10 bbls 15% er w/41,080#	TUBIO) EMENT 6 HCL 20/40 WATER	25 bbls 80 bbls ING RECORD PA SQUEEZE, ET Frac w/233 TLC Proppa WELL STATUS (F SI R-BBL	CKER SET (MD) C. 19 bbls nt. Producing of shut-in) [GAS-OIL RATIO OIL GRAVITY-API (COF
9 5/8", H-40 7", J-55 4 1/2", J-55 29 SIZE TOP (MO) 31 PERFORATION RECOF .34" @ 1 SPF 6583' - 6677' = 40 hr .34" @ 2 SPF 6697' - 6722' = 18 hr total holes = 58 33. DATE FIRST PRODUCTION SI W/O Facilities DATE OF TEST 3/13/08 FLOW. TUBING PRESS. SI - 477# 34. DISPOSITION OF GAS ()	32.3# 20# 10.5# LINER R BOTTOM (MD) RD (Interval, size and nui coles PRODUC HOURS TESTED 1 CASING PRESSURE SI - 575# Sold, used for fuel, vente D facilities to be	290' 3988' 6750' EECORD SACKS CEMENT' TION METHOD (Flow) CHOKE SIZE 1/2" CALCULATED 24-HOUR RATE 30, 81c)	12 1/4" 8 3/4" 5 1/4" SCREEN (MD) 32. 6583' - 6722' Fing, gas lift, pumping—si. Flowing DD'N FOR DIL-BBL 4.8 bopd	surface; 173 surface; 584 TOC 4380', 2 30. SIZE 2-3/8" AC PRODUCTION Ze and type of pump BBL .20 boph GAS-MCF	SX () SX () 14 SX (42 66 CID, SHOT, acidize v slickwat	222 cf) 1174 cf) 4cf) DEPTH SET (M 623' FRACTURE, CE w/10 bbls 15% er w/41,080#	TUBIO) EMENT 6 HCL 20/40 WATER	25 bbls 80 bbls ING RECORD PA SQUEEZE, ET Frac w/233 TLC Proppa WELL STATUS (F SI R-BBL	CKER SET (MD) C. 19 bbls nt. Producing of shut-in) [GAS-OIL RATIO OIL GRAVITY-API (COF
9 5/8", H-40 7", J-55 4 1/2", J-55 29 SIZE TOP (MO) 31 PERFORATION RECOF .34" @ 1 SPF 6583' - 6677' = 40 ho .34" @ 2 SPF 6697' - 6722' = 18 ho total holes = 58 33. DATE FIRST PRODUCTION SI W/O Facilities DATE OF TEST 3/13/08 FLOW. TUBING PRESS. SI - 477# 34. DISPOSITION OF GAS (A) To be sold. W/O	32.3# 20# 10.5# LINER R D BOTTOM (MD) RD (Interval, size and nuit coles PRODUC HOURS TESTED 1 CASING PRESSURE S1 - 575# Sold, used for fuel, vente D facilities to be	290' 3988' 6750' ECORD SACKS CEMENT' TION METHOD (Flow) CHOKE SIZE 1/2" CALCULATED 24-HOUR RATE Ed, etc.) Set before firs	12 1/4" 8 3/4" 5 1/4" SCREEN (MD) 32. 6583' - 6722' Fing, gas lift, pumping—si. Flowing DD'N FOR DIL-BBL 4.8 bopd	surface; 173 surface; 584 TOC 4380', 2 30. SIZE 2-3/8" AC PRODUCTION Ze and type of pump BBL .20 boph GAS-MCF	SX () SX () 14 SX (42 66 CID, SHOT, acidize v slickwat	222 cf) 1174 cf) 4cf) DEPTH SET (M 623' FRACTURE, CE w/10 bbls 15% er w/41,080#	TUBIO) EMENT 6 HCL 20/40 WATER	25 bbls 80 bbls ING RECORD PA SQUEEZE, ET Frac w/233 TLC Proppa WELL STATUS (F SI R-BBL	CKER SET (MD) C. 19 bbls nt. Producing or shul-in) [GAS-OIL RATIO OIL GRAVITY-API (COI
9 5/8", H-40 7", J-55 4 1/2", J-55 29 SIZE TOP (MD) 31 PERFORATION RECOF .34" @ 1 SPF 6583' - 6677' = 40 hd .34" @ 2 SPF 6697' - 6722' = 18 hd total holes = 58 33. DATE FIRST PRODUCTION SI W/O Facilities DATE OF TEST 3/13/08 FLOW. TUBING PRESS. SI - 477# 34. DISPOSITION OF GAS (A) TO be sold. W/O 35 LIST OF ATTACHMENTS	32.3# 20# 10.5# LINER R BOTTOM (MD) RD (Interval, size and nui coles coles PRODUC HOURS TESTED CASING PRESSURE S1 - 575# Sold, used for fuel, vente C) facilities to be sell being DHC per	290' 3988' 6750' ECORD SACKS CEMENT' TION METHOD (Flow) CHOKE SIZE 1/2" CALCULATED 24-HOUR RATE Ad, BIC) set before firs	12 1/4" 8 3/4" 6 1/4" SCREEN (MD) 32. 6583' - 6722' Fing, gas lift, pumping—st. Flowing DD'N FOR OIL—ST PERIOD DIL—BBL	surface; 173 surface; 584 TOC 4380', 2 30. SIZE 2-3/8" ACC PRODUCTION The and type of pump BBL .20 boph GAS-MCF 899 mcfd	SX () SX () 14 SX (42 66 CID, SHOT, acidize v slickwat	222 cf) 1174 cf) 4cf) DEPTH SET (M 623' FRACTURE, CE w/10 bbls 15% er w/41,080#	TUBIO) EMENT 6 HCL 20/40 WATER	25 bbls 80 bbls ING RECORD PA SQUEEZE, ET Frac w/233 TLC Proppa WELL STATUS (F SI R-BBL	CKER SET (MD) C. 19 bbls nt. Producing of shut-in) [GAS-OIL RATIO OIL GRAVITY-API (COF
9 5/8", H-40 7", J-55 4 1/2", J-55 29 SIZE TOP (MO) 31 PERFORATION RECOF34" @ 1 SPF 6583' - 6677' = 40 hr .34" @ 2 SPF 6697' - 6722' = 18 hr total holes = 58 33. DATE FIRST PRODUCTION SI W/O Facilities DATE OF TEST 3/13/08 FLOW. TUBING PRESS. SI - 477# 34. DISPOSITION OF GAS (C) To be sold. W/O 35 LIST OF ATTACHMENTS This is a MV/DK w	32.3# 20# 10.5# LINER R BOTTOM (MD) RD (Interval, size and nui coles coles PRODUC HOURS TESTED CASING PRESSURE S1 - 575# Sold, used for fuel, vente C) facilities to be sell being DHC per	290' 3988' 6750' ECORD SACKS CEMENT' TION METHOD (Flow) CHOKE SIZE 1/2" CALCULATED 24-HOUR RATE Ad, BIC) set before firs	12 1/4" 8 3/4" 6 1/4" SCREEN (MD) 32. 6583' - 6722' Fing, gas lift, pumping—st. Flowing DD'N FOR OIL—ST PERIOD DIL—BBL	surface; 173 surface; 584 TOC 4380', 2 30. SIZE 2-3/8" ACC PRODUCTION The and type of pump BBL .20 boph GAS-MCF 899 mcfd	SX () SX () 14 SX (42 66 CID, SHOT, acidize v slickwat	222 cf) 1174 cf) 4cf) DEPTH SET (M 623' FRACTURE, CE w/10 bbls 15% er w/41,080#	TUBIO) EMENT 6 HCL 20/40 WATER	25 bbls 80 bbls ING RECORD PA SQUEEZE, ET Frac w/233 TLC Proppa WELL STATUS (F SI R-BBL	CKER SET (MD) C. 19 bbls nt. Producing or shul-in) [GAS-OIL RATIO OIL GRAVITY-API (COF
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United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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Well Name	Hubbell 3P	0	
Ojo Alamo	1020' 1128' White, cr-gr ss.	Ojo Alamo	1020'
Kirtland	1128' 1840' Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	1128'
Fruitland	1840' 2144' Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss	Fruitland	1840'
Pictured Cliffs	2144' 2312' Bn-Gry, fine grn, tight ss.	Pic.Cliffs	2144'
Lewis	2312 2745 Shale w/siltstone stringers	Lewis	2312'
Huerfanito Bentonite	2745' 3113' White, waxy chalky bentonite	Huerfanito Bent.	2745'
Chacra	3113' 3643' Gry fn grn silty, glauconitic sd stone w/drk gry shale	Chacra	3113'
Mesa Verde	3643' 3828' Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	3643'
Menefee	3828' 4450' Med-dark gry, fine gr ss, carb sh & coal	Menefee	3828'
Point Lookout	4450' 4844' Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Point Lookout	4450'
Mancos	4844' 5689' Dark gry carb sh.	Mancos	4844'
Gallup	5689' 6458' Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. Interbeb sh	Gallup	5689'
Greenhorn	6458' 6514' Highly calc gry sh w/thin lmst.	Greenhorn	6458'
Graneros	6514' 6576' Dk gry shale, fossil & carb w/pyrite incl.	Graneros	6514'
Dakota	6576' 'Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shall breaks	Dakota	6576

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