FORM 3160-4 (July 1992)

RECEIVED FORM APPROVED

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OMB NO	Э.	10	04	1-(	137	•
Expires:	F	ebr	ua	ry	28,	199

WELL COMPLI	BUREA	U OF LAND	THE INTE	Nau or Lan	reverse s	ment s. LEASE DE		n and serial no. N-25446	
TYPE OF WORK TYPE OF WELL	ETION C	U OF LAND	<i>)</i> MANAGEME	NA C. Lu.	T: 11 OF		NIMININ	N-25446	
TYPE OF WORK		ND DECO	UDI ETION	PSECONDA.		6. IF INDIA		EE OR TRIBE NAME	
YPE OF WELL		JK KECUI	WIPLETION	REPORT	AND LOG	i^		I/A	
NEW CONV.	WELL X	GAS WELL	DRY	Other	Г	7, UNIT AG	REEMENT I	i G MAY 6	
				-		N/A			
WELL X OVER .	DEEPEN	PLUG BACK	DIFF RESVR.	Other	r	8 FARM OF	R LEASE NA	ME WELL NO THE CLINES, DI	
ME OF OPERATOR						Bisti Ga	ıllup 18		
Ridge Exploration Co	o. LLC					9. API WELL	L NO	nict q	
	10.5.07.440					30-045-	33803	oos,DIST. 3	
Po Box 156 Bloomfield NM 87413  LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.*)							Bisti Lower-Gallup		
2310' FNL X 1640' FWL						11 SEC, T, R, M, OR BLOCK AND SURVEY			
t top prod. Interval reported below						1	OR AREA		
•						UF" Co.	10 T25	EN! D40\A/	
total depth 14. PERMTI			NO	DATE ISSUED		12 COUNTY OR PA		T25N-R12W rish 13 state	
								nty NM	
ATE SPUDDED 16 DATE T.D RE		17 DATE COMPL		18 ELEVATIONS (I		<b></b>		19. ELEV. CASINGHEAD	
2-23-08 3-6- DTAL DEPTH, MD & TVD 21	-U8 I PLUG BACK T.		26-08 22. IF MULTIPLE	COMPL. 649	96' 23 INTERVALS	GL ROTARY TOOLS		CABLE TOOLS	
7' MD TVD 5			HOW MANY*		DRILLED BY	l <sub>V</sub>			
ODUCING INTERVAL(S), OF THIS								25, WAS DIRECTIONAL	
								SURVEY MADE	
PE ELECTRIC AND OTHER LOGS		Density, high	Resolution Inc	luction Log, (	CBL LOG			27 WAS WELL CORED	
		CAS	NG RECORD (Repor	et all conjume cat in v					
· · · · · · · · · · · · · · · · · · ·									
			H SET (MD)	HOLE SIZE	TOP OF C	EMENT, CEMENTING RE	CORD	AMOUNT PULLED	
5-1/2" J-55	15.5#		5329'	HOLE SIZE 7 7/8"	TOP OF C	112 sks/547 sks	CORD	AMOUNT PULLED	
				HOLE SIZE	TOP OF C		SCORD	AMOUNT PULLED	
5-1/2" J-55	15.5# 24#		5329' 3 <del>8</del> 1'	HOLE SIZE 7 7/8"	TOP OF C	112 sks/547 sks 320 sks		AMOUNT PULLED	
5-1/2" J-55 8 5/8" J-55	15.5# 24# LINER I	RECORD	5329' 381' 375	HOLE SIZE 7 7/8" 12 1/4"	TOP OF CI	112 sks/547 sks 320 sks Tubing ri	ECORD		
5-1/2" J-55	15.5# 24# LINER I		5329' 3 <del>8</del> 1'	HOLE SIZE 7 7/8"	TOP OF CE	112 sks/547 sks 320 sks Tubing ri	ECORD	AMOUNT PULLED  PACKER SET (MD)	
5-1/2" J-55 8 5/8" J-55	15.5# 24# LINER I	RECORD	5329' 381' 375	HOLE SIZE 7 7/8" 12 1/4"	TOP OF CI	112 sks/547 sks 320 sks Tubing ri	ECORD		
5-1/2" J-55 8 5/8" J-55 SIZE TOP (MD	15.5# 24# LINER F	RECORD BOTTOM (MD)	5329' 381' 375	HOLE SIZE 7 7/8" 12 1/4"	30 SIZE 2 3/8"	112 sks/547 sks 320 sks Tubing ri	ECORD (D)	PACKER SET (MD)	
5-1/2" J-55 8 5/8" J-55  SIZE TOP (ME	15.5# 24#  LINER E D)   1	RECORD BOTTOM (MD) SIZE	329' 381' 375  SACKS CEMENT*  NUMBER	HOLE SIZE 7 7/8" 12 1/4"  SCREEN (MD)  32  DEPTH INTI	TOP OF CI   30  SIZE  2 3/8"  ACID, SHOT, I  ERVAL (MD)	TUBING RI DEPTH SET (A 5165'  FRACTURE, CEMENT AMOUNT AND	ECORD (D) T SQUEEZ KIND OF	PACKER SET (MD)  ZE, ETC.  MATERIAL USED	
5-1/2" J-55 8 5/8" J-55  SIZE TOP (ME	15.5# 24#  LINER E D)   1	RECORD BOTTOM (MD)	5329' 381' 375  SACKS CEMENT*	HOLE SIZE 7 7/8" 12 1/4"  SCREEN (MD)	TOP OF CI   30  SIZE  2 3/8"  ACID, SHOT, I  ERVAL (MD)	TUBING RI DEPTH SET (A 5165'  FRACTURE, CEMENT AMOUNT AND Pumped 3000 gals of	ECORD  T SQUEEZ  KIND OF 107 7 1/2% N	PACKER SET (MD)  ZE, ETC.  MATERIAL USED  WCA acid w/ additives.	
5-1/2" J-55 8 5/8" J-55  SIZE TOP (ME	15.5# 24#  LINER E D)   1	RECORD BOTTOM (MD) SIZE	329' 381' 375  SACKS CEMENT*  NUMBER	HOLE SIZE 7 7/8" 12 1/4"  SCREEN (MD)  32  DEPTH INTI	TOP OF CI   30  SIZE  2 3/8"  ACID, SHOT, I  ERVAL (MD)	TUBING RI DEPTH SET (A 5165'  FRACTURE, CEMEN' AMOUNT AND Pumped 3000 gals 0 33,939 gals 1.	ECORD  T SQUEEZ  KIND OF 1  of 7 1/2% M  3CP Delta	PACKER SET (MD)  ZE, ETC.  MATERIAL USED  MCA acid w/ additives. 14G foem w/ ssw	
5-1/2" J-55 8 5/8" J-55  SIZE TOP (ME	15.5# 24#  LINER E D)   1	RECORD BOTTOM (MD) SIZE	329' 381' 375  SACKS CEMENT*  NUMBER	HOLE SIZE 7 7/8" 12 1/4"  SCREEN (MD)  32  DEPTH INTI	TOP OF CI   30  SIZE  2 3/8"  ACID, SHOT, I  ERVAL (MD)	TUBING RI DEPTH SET (A 5165'  FRACTURE, CEMEN' AMOUNT AND Pumped 3000 gals 0 33,939 gals 1.	ECORD  T SQUEEZ  KIND OF 1  of 7 1/2% M  3CP Delta	PACKER SET (MD)  ZE, ETC.  MATERIAL USED  WCA acid w/ additives.	
5-1/2" J-55 8 5/8" J-55  SIZE TOP (ME  CREORATION RECORD (Interval, s	15.5# 24#  LINER E D)   1	RECORD BOTTOM (MD) SIZE	329' 381' 375  SACKS CEMENT*  NUMBER 144	HOLE SIZE 7 7/8" 12 1/4"  SCREEN (MD)  32  DEPTH INTI 5025'	TOP OF CI   30  SIZE  2 3/8"  ACID, SHOT, I  ERVAL (MD)	TUBING RI DEPTH SET (A 5165'  FRACTURE, CEMEN' AMOUNT AND Pumped 3000 gals 0 33,939 gals 1.	ECORD  T SQUEEZ  KIND OF 1  of 7 1/2% M  3CP Delta	PACKER SET (MD)  ZE, ETC.  MATERIAL USED  MCA acid w/ additives, 14G foem w/ ssw	
5-1/2" J-55  8 5/8" J-55  SIZE TOP (ME  CREORATION RECORD (Interval, s  INTERVAL  25' - 5098' Bisti Lower	15.5# 24#  LINER F D)  size and number)  Gallup	RECORD BOTTOM (MD) SIZE .41	5329' 381' 375  SACKS CEMENT*  NUMBER 144  PI Flowing, gas lift, pr	HOLE SIZE 7 7/8" 12 1/4"  SCREEN (MD) 32  DEPTH INTI 5025'-	30 SIZE 2 3/8"  ACID, SHOT, 1  ERVAL (MD) 5098'	TUBING RI DEPTH SET (A 5165'  FRACTURE, CEMEN AMOUNT AND Pumped 3000 gals 1. frac fluid 120	ECORD  AD)  T SQUEEZ  KIND OF 1  of 7 1/2% N  3CP Delta  03 sks of 2	PACKER SET (MD)  ZE, ETC.  MATERIAL USED  MCA acid w/ additives.  14G foam w/ ssw  10/40 CR sand	
5-1/2" J-55 8 5/8" J-55  SIZE TOP (ME  CREORATION RECORD (Interval, a INTERVAL 25' - 5098' Bisti Lower  E FIRST PRODUCTION 1 4-26-08	15.5# 24#  LINER F D)   1	RECORD BOTTOM (MD)  SIZE .41	SACKS CEMENT*  SACKS CEMENT*  NUMBER 144  PI Flowing, gas lift, pr Flo PROD'N. FOI	HOLE SIZE 7 7/8" 12 1/4"  SCREEN (MD)  32  DEPTH INT 5025'-  RODUCTION umping—size and wing	30 SIZE 2 3/8"  ACID, SHOT, 1  ERVAL (MD) 5098'	TUBING RI DEPTH SET (N 5165'  FRACTURE, CEMEN AMOUNT AND Pumped 3000 gals 0 33,939 gals 1. frac fluid 120	T SQUEEZ NIND OF 10 17 1/2% N 3CP Delte 03 sks of 2	PACKER SET (MD)  ZE, ETC.  MATERIAL USED  MCA acid w/ additives. 140 foam w ssw  0/40 CR sand  TUS (Producing or sh	
5-1/2" J-55 8 5/8" J-55 8 5/8" J-55  SIZE TOP (ME  REPORATION RECORD (Interval, s	LINER F D) size and number)  Gallup  PRODUCTION  RS TESTED 4 hours	RECORD BOTTOM (MD)  SIZE .41  ON METHOD ( CHOKE SIZE 1/2"	SACKS CEMENT*  SACKS CEMENT*  NUMBER 144  PI Flowing, gas lift, pr Flo PROD'N. FOI TEST PERIO	HOLE SIZE 7 7/8" 12 1/4"  SCREEN (MD)  DEPTH INTI  5025'-  RODUCTION umping—size and wing OIL—BBLS.	30 SIZE 2 3/8"  ACID, SHOT, I ERVAL (MD) 5098'	TUBING RI DEPTH SET (N 5165'  FRACTURE, CEMEN AMOUNT AND Pumped 3000 gals (1 frac fluid 12)  WATER-	ECORD  T SQUEEZ  KIND OF 1  Of 7 1/2% N  3CP Delte  03 Sks of 2	PACKER SET (MD)  ZE, ETC.  MATERIAL USED  WCA acid w/ aciditives.  140 foam w/ ssw  0/40 CR sand  US (Producing or sh Shut in  GAS-OIL RATIO	
5-1/2" J-55 8 5/8" J-55 8 5/8" J-55  SIZE TOP (ME  REPORATION RECORD (Interval, s	LINER E D) Inside and number) Gallup PRODUCTION RS TESTED 4 hours ING PRESSU	RECORD BOTTOM (MD)  SIZE 41  ON METHOD ( CHOKE SIZE 1/2"  CALCULATE	SACKS CEMENT*  SACKS CEMENT*  NUMBER 144  PIFlowing, gas lift, pr Flo PROD'N. FOI TEST PERIO OIL-BBL.	HOLE SIZE 7 7/8" 12 1/4"  SCREEN (MD)  32  DEPTH INT 5025'-  RODUCTION umping—size and wing	30 SIZE 2 3/8"  ACID, SHOT, I ERVAL (MD) 5098'	TUBING RI DEPTH SET (N 5165'  FRACTURE, CEMEN AMOUNT AND Pumped 3000 gals (1 frac fluid 12)  WATER-	ECORD  T SQUEEZ  KIND OF 1  Of 7 1/2% N  3CP Delte  03 Sks of 2	PACKER SET (MD)  ZE, ETC.  MATERIAL USED  WCA acid w/ aciditives.  140 foam w/ ssw  0/40 CR sand  US (Producing or sh Shut in  GAS-OIL RATIO	
5-1/2" J-55 8 5/8" J-55 8 5/8" J-55  SIZE TOP (ME  CREPORATION RECORD (Interval, a INTERVAL 25' - 5098' Bisti Lower  E FIRST PRODUCTION 1 4-26-08 E OF TEST HOUL 4-25-08 24 W. TUBING PRESS CASE 50 PSI 3	LINER F  LINER F  D)  size and number)  Gallup  PRODUCTION  RS TESTED 4 hours  ING PRESSI  1060 PSI	SIZE .41  ON METHOD ( CHOKE SIZE 1/2" CALCULATE: 24-HOUR RAT	SACKS CEMENT*  SACKS CEMENT*  NUMBER 144  PIFlowing, gas lift, pr Flo PROD'N. FOI TEST PERIO OIL-BBL. 55 bbl.	HOLE SIZE 7 7/8" 12 1/4"  SCREEN (MD)  DEPTH INTI  5025'-  RODUCTION umping—size and wing OIL—BBLS.	30 SIZE 2 3/8"  ACID, SHOT, I ERVAL (MD) 5098'	TUBING RI DEPTH SET (N 5165'  FRACTURE, CEMEN AMOUNT AND Pumped 3000 gals (1 frac fluid 12)  WATER- WATER-BBL.	ECORD  T SQUEE:  KIND OF 1  Of 7 1/2% M  3CP Delta  03 sks of 2  L STAT  BBL.	PACKER SET (MD)  ZE, ETC.  MATERIAL USED  MCA acid w/ additives.  140 foam w/ ssw  0/40 CR sand  US (Producing or sh Shut m  GAS-OIL RATIO  AVITY-API (CORR	
5-1/2" J-55 8 5/8" J-55 8 5/8" J-55  SIZE TOP (ME ERFORATION RECORD (Interval, a INTERVAL 25' - 5098' Bisti Lower  E FIRST PRODUCTION 1 4-26-08 E OF TEST HOUL 4-25-08 W. TUBING PRESS CASIL	LINER F  LINER F  D)  size and number)  Gallup  PRODUCTION  RS TESTED 4 hours  ING PRESSI  1060 PSI	SIZE .41  ON METHOD ( CHOKE SIZE 1/2" CALCULATE: 24-HOUR RAT	SACKS CEMENT*  SACKS CEMENT*  NUMBER 144  PIFlowing, gas lift, pr Flo PROD'N. FOI TEST PERIO OIL-BBL. 55 bbl.	HOLE SIZE 7 7/8" 12 1/4"  SCREEN (MD)  DEPTH INTI  5025'-  RODUCTION umping—size and wing OIL—BBLS.	30 SIZE 2 3/8"  ACID, SHOT, I ERVAL (MD) 5098'	TUBING RI DEPTH SET (N 5165'  FRACTURE, CEMEN AMOUNT AND Pumped 3000 gals (1 frac fluid 12)  WATER-	ECORD  T SQUEE:  KIND OF 1  Of 7 1/2% M  3CP Delte  03 sks of 2  L STAT  BBL.  OIL GR	PACKER SET (MD)  ZE, ETC.  MATERIAL USED  MCA acid w/ additives.  140 foam w/ ssw  0/40 CR sand  US (Producing or sh Shut m  GAS-OIL RATIO  AVITY-API (CORR	

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drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and 38. GEOLOGIC MARKERS recoveries); FORMATION TOP BOTTOM DESCRIPTION, CONTENTS, ETC. TOP TRUE NAME MEAS. DEPTH Nacimiento Surface VERT. DEPTH Ojo Alamo Behind pipe Kirtland Behind pipe Fruitland Pictured Cliffs 1119' 1428' Lewis Chacra 1520' Cliff House 1706' Menefee 2034' Point Lookout 2150' Mancos 3836' 3990' Gallup 4834'

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all