

## NEW MEXICO OIL CONSERVATION COMMISSION Santa Fc, New Mexico

## WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE.

If State Land submit 6 Copies

Vell No. 23 (PM), in SN 44 of SW 44, of Sec 19 T. 27N R LW NMP Blanco Masa Verda & Tapacito P.C. Pool, Rio Arriba Country Coun	Vell No. 23 (FM) in SM y, of SW y, of Sec. 19 T 27M R kW NMPM.  Reaco Messa Verde & Tapacito P.C. Pool Rio Arriba County.  Appgo 1090 feet from South line and 990 feet from West time  18 ection 19 If State Land the Oil and Gas Lessa No. is.  Filling Commenced. 10-31 19.59 Drilling was Completed. 11-16 19.59  In ame of Drilling Contractor. Sen Juan Drilling Company.  Address of Drilling Company.  Address of Drilling Contractor. Sent Juan Drilling Company.  Address of Drilling Contractor. Sent Juan Drilling Company.  Address of Drilling Compa		El Pas	O Natural	Gas Company	<u>Y</u>			San Juan	27-4	Unit	
Blanco Mesa Verde & Tapacito P.C. Pool, Rio Arriba Coundado 1090 feet from South line and 990 feet from West in Section 19 If State Land the Oil and Gas Lesse No. is continuous from the Company of the	Elanco Mesa Verde & Tapacito P.C. Pool, Rio Arriba County, Appgo 1090 feet from SQUAD. line and 990 feet from West line and 129 If State Land the Oil and Gas Leave No. is.  19 If State Land the Oil and Gas Leave No. is.  19 59 Drilling was Completed 11-16 19 59 and of Drilling Contractor. San Juan Drilling Company didress.  10-31 19 59 Drilling was Completed 11-16 19 59 and of Drilling Contractor. San Juan Drilling Company didress.  10-31 19 001 SANDS OB ZONES  10-15 (2) No. 4, from 5647 to 5861 (0)  10-2, from 3507 5647 (0) No. 5, from to 5647 to 5861 (0)  10-2, from 5261 10-35305 (0) No. 5, from to 5647 to 5861 (0)  10-3, from 5305 to 5647 (0) No. 5, from to 5647 to 5861 (0)  10-3, from 5305 to 5647 (0) No. 5, from to 5647 to 5861 (0)  10-1, from 500 to 5647 (0) No. 5, from to 5647 to 5861 (0)  10-2, from 500 to 5647 (0) No. 5, from to 5647 to 5861 (0)  10-3, from to 5647 (0) No. 5, from to 5647 to 5861 (0)  10-3, from to 5647 (0) No. 5, from to 5647 to 5861 (0)  10-4, from to 5647 to 5647 (0) No. 5, from to 5647 to 5861 (0)  10-1, from to 5647 (0) No. 5, from to 5647	Vell No	23 (FM)		Ť	¼, of Se	c 19	Т	27N	, R	4 <b>W</b>	, NMPM.
Section. 19 If State Land the Oil and Gas Lesse No. is    Section   19	1090   1090			•								
If State Land the Oil and Gas Lease No. is    19. 59    Drilling was Completed   11-16   19	Section   19											
10-31   19. 59   Drilling was Completed   11-16   19.	Tilling Commenced. 10-31 19-59 Drilling was Completed. 11-16 19-59 ame of Drilling Contractor. San Juan Drilling Company ddress.  Levation above sea level at Top of Tubing Head. 6642 The information given is to be kept confidential until 19.  OII. SANDS OR ZONES  O. 1, from 3507 to 3615 (G) No. 4, from 5647 to 5661 (Q)  O. 2, from 5261 to 5305 (G) No. 5, from to 5305 to 5647 (G)  O. 3, from 5305 to 5647 (G) No. 6, from to 60 to											
Sen Juan Drilling Company  Iddress	tame of Drilling Contractor.  San Juan Drilling Company  dedress.  devation above sea level at Top of Tubing Head.  OIL SANDS OR ZONES  io. 1, from 3507 to 3615 (G) No. 4, from 5647 to 5861 (G)  io. 2, from 5261 to 5305 (G) No. 5, from 10  io. 3, from 5305 to 5647 (G) No. 6, from 10  IMPORTANT WATER SANDS  nclude data on rate of water inflow and elevation to which water rose in hole.  io. 1, from 10  io. 2, from 10  io. 4, from 10  CASING RECORD  CASIN											
Casing becomes   Casi	Casing record   Size   Fer Foot   Used   Amount   Size   Fer Foot   Used   Amount   Size   Size   Fer Foot   Used   Amount   Size   S											
CASING RECORD   CASING RECORD   CUT AND   FERFORATIONS   PURPOSE   Col. 4, from   Col. 4, from   Casing Record   Col. 4, from   Casing Record   Casing Recor	CASING RECORD   SUFFICE   Size of Si	lame of Dri	illing Contrac	ctorSa	n Juan Dri	lling Co	mpany	•				
OIL SANDS OR ZONES  10. 1, from 3507 to 3615 (G) No. 4, from 5647 to 5861 (G)  10. 2, from 5261 to 5305 (G) No. 5, from to 5305 (G) No. 6, from to 5305 to 5647 (G) No. 6, from 5405	OIL SANDS OR ZONES  10. 1, from 3507 to 3615 (G) No. 4, from 5647 to 5861 (G)  10. 2, from 5261 to 5305 (G) No. 5, from to 5305 (G) No. 6, from	ddress		***************************************	***************************************		**************	*************		************	····	
OIL SANDS OR ZONES  No. 1, from 3507 to 3615 (G) No. 4, from 5647 to 5861 (G)  No. 2, from 5261 to 5305 (G) No. 5, from to 5305 (G) No. 6, from 5305 (G) No. 6, fr	OIL SANDS OF ZONES  10. 1, from 3507 to 3615 (G) No. 4, from 5647 to 5861 (G)  10. 2, from 5261 to 5305 (G) No. 5, from to 5305 (G) No. 6, from to 5305 to 5647 (G) No. 6, from 5647 (G) No. 6,	Elevation ab	ove sea level :	at Top of Tubin	g Head	66	421	The inf	ormation giv	en is to l	be kept con	fidential until
OIL SANDS OR ZONES  10. 1, from 3507 to 3615 (G) No. 4, from 5647 to 5861 (G)  10. 2, from 5261 to 5305 (G) No. 5, from to 5305 (G) No. 6, from	OIL SANDS OR ZONES  io. 1, from 3507 to 3615 (G) No. 4, from 5647 to 5861 (a)  io. 2, from 5261 to 5305 (G) No. 5, from to 5305 (G) No. 6, from to 5305 (G) No. 6, from to 5305 (G) No. 6, from to No. 6, from to 100 (G) 1, from to 100 (G) 2, from to 100 (G) 2, from to 100 (G) 2, from to 100 (G) 3, from to 100 (G) 4, from to 100 (G) 4, from to 100 (G) 4, from 100 (G) 2, from 100 (G) 3, from 100 (G) 3, from 100 (G) 4, from 100 (G) 3, from 100 (G)								<b>-</b>			
10. 1, from   3507	10				·							
10. 2, from	10 2, from   5261   10 5305   10 No. 5, from   10   10   10   10   10   10   10   1								. e 1		-06-	(m)
No. 3, from   So   So   So   So   So   So   So	No. 3, from	No. 1, from.	350	77	3615	(G)	. No. 4, fro	m	647	to	5861	(G)
IMPORTANT WATER SANDS Include data on rate of water inflow and elevation to which water rose in hole.  No. 1, from	IMPORTANT WATER SANDS   IMPORTANT WATER	lo. 2. from	526	<b>il</b> [] <sub>it</sub>	5305	(G)	. No. 5, fro	m		to		<b></b>
IMPORTANT WATER SANDS  Include data on rate of water inflow and elevation to which water rose in hole.  Io. 1, from to feet.  Io. 2, from to feet.  Io. 3, from to feet.  Io. 4, from to feet.  Io. 4, from to feet.  CASING RECORD  CASING RECORD  CASING RECORD  CASING RECORD  SIZE WEIGHT PER FOOT USED AMOUNT SHOE PULLED FROM PERFORATIONS PURPOSE  IO. 3/4" 32.75 New 161 Howco Surface  7 5/8" 2. 26.4 New 3659 Baker Prod. Cag.  5 1/2" 15.5 New 2313 Baker Prod. Liner	IMPORTANT WATER SANDS		F0/	)5	5647	(G)	No. 6. fm	N70		to		
nclude data on rate of water inflow and elevation to which water rose in hole.  No. 1, from to feet.  No. 2, from to feet.  No. 3, from to feet.  CASING RECORD  CASING RECORD  SIZE WEIGHT PER FOOT USED AMOUNT SHOE PULLED FROM PERFORATIONS PURPose  O 3/4" 32.75 New 161 Howco Surface  7 5/8" 2 26.4 New 3659 Baker Prod. Csg.  5 1/2" 15.5 New 2313 Baker Prod. Liner	CASING RECORD   CON. COM.   CON. COM. COM.   CON. COM.   CON. COM.   CON. COM.   CON. COM.   CON. COM. COM. COM.	J, 110III			/a		0, 110				FILE	\
No. 1, from	Cold				IMP	ORTANT V	water sa	ND8		Lafi	HVF	
Column   C	Casing record   Coll Con.	nclude data	on rate of w	vater inflow and	elevation to whi	ch water ro	se in hole.			/ KL	ULI 1 2	
Column   C	Casing record   Coll Con.	lo. 1, from			to	•••••		************	feet	l	M4 2 19	60
CASING RECORD   CASING RECORD   CUT AND   PERFORATIONS   PURPOSE   COMPAND   PULLED FROM   PURPOSE   COMPAND   PURPOSE   CUT AND   PURPOSE   CUT	CASING RECORD    CASING RECORD   CUT AND FERFORATIONS   PURPOSE	lo. 2. from.			to			****************	feet	JH		OM.
CASING RECORD  SIZE WEIGHT NEW OR USED AMOUNT SHOE PULLED FROM PERFORATIONS PURPOSE  O 3/4" 32.75 New 161 Howco Surface  O 5/8" 2.26.4 New 3659 Baker Prod. Csg.  5 1/2" 15.5 New 2313 Baker Prod. Liner	CASING RECORD	•								OIL	DIST. 3	
CASING RECORD  SIZE WEIGHT NEW OR USED AMOUNT SHOE PULLED FROM PERFORATIONS PURPOSE  0 3/4" 32.75 New 161 Howco Surface  7 5/8" 2.26.4 New 3659 Baker Prod. Csg.  5 1/2 15.5 New 2313 Baker Prod. Liner	Size   Weight   New OR Used   Amount   Single   Ferform   Perforations   Purpose											
size Weight New or Used Amount Shoe Cut and Pulled From Perforations Purpose  0 3/4" 32.75 New 161 Howes Surface  7 5/8" 2. 26.4 New 3659 Baker Prod. Csg.  5 1/2 15.5 New 2313 Baker Prod. Liner	SIZE	No. 4, from.			<b>to</b>	***************************************	***************************************	7		***************************************		***************************************
SIZE         PER FOOT         USED         AMOUNT         SHOE         PULLED FROM         PERFORATIONS         PURPOSE           0 3/4"         32.75         New         161         Howco         Surface           7 5/8"         26.4         New         3659         Baker         Prod. Csg.           5 1/2"         15.5         New         2313         Baker         Prod. Liner	SIZE   FER FOOT   USED   AMOUNT   SHOE   PULLED FROM   PERFORATIONS   PURPOSE					CASING	RECORD	,				
7 5/8" 25.4 New 3659 Baker Prod. Csg. 5 1/2 15.5 New 2313 Baker Prod. Liner	7 5/8"   2.6.4   New   3659   Baker   Prod. Csg.	SIZE							PERFORA	TIONS	PU	RPOSE
7 5/8" 26.4 New 3659 Baker Prod. Csg. 5 1/2 15.5 New 2313 Baker Prod. Liner	7 5/8"   2.6.4   New   3659   Baker   Prod. Csg.	0 3/4"	32.7	75 New	161	Hov	700		,		Surfa	ce
	2 3/8"   4.7   New   5710   Prod. Tbg.     1 1/4"   2.4   New   3468   Prod. Tbg.     MUDDING AND CEMENTING RECORD		26.	l New				*			Prod.	Cag.
2 3/8" 4.7 New   5710   Prod. Tbg.	1/4"   2.4   New   3468   Prod. Tbg.						cer					
70.00	### MUDDING AND CEMENTING RECORD    SIZE OF   SIZE OF   WHERE   NO. SACKS   METHOD   MUD   GRAVITY   MUD USED											
$\cdot$	SIZE OF   SIZE OF   WHERE   NO. SACKS   METHOD   MUD   GRAVITY   MUD USED	L 1/4"	2.	+ New							rroa.	Ing.
	## CASING SET OF CEMENT USED GRAVITY MUD USED  5" 10 3/4" 172' 180 Circulated  9 5/8" 7 5/8" 3670' 110 Single Stage  6 3/4" 5 1/2" 3602-5915 370 Single Stage  RECORD OF PRODUCTION AND STIMULATION		<del></del>		MUDDI	NG AND CI	ementin(	* KECORD		<del>- 1</del>		
	9 5/8" 7 5/8" 3670' 110 Single Stage 6 3/4" 5 1/2" 3602-5915 370 Single Stage  RECORD OF PRODUCTION AND STIMULATION		SIZE OF CASING			h		G			AMOUNT MUD US	OF SED
5" 10 3/4" 172' 180 Circulated	9 5/8" 7 5/8" 3670' 110 Single Stage 6 3/4" 5 1/2" 3602-5915 370 Single Stage  RECORD OF PRODUCTION AND STIMULATION		10 3/4"	172'	180	Circul	La <b>te</b> d					
9 5/8" 7 5/8" 3670' 110 Single Stage	RECORD OF PRODUCTION AND STIMULATION	9 5/8"	7 5/8"	3670'	110	Single	Stage					
6 3/4"   5 1/2" 3602-5915   370   Single Stage	RECORD OF PRODUCTION AND STIMULATION	6 <b>3/</b> 4"	5 1/2"	3602-5915	370	Single	Stage					
6 3/4"   5 1/2"   3602-5915   370   Single Stage	(B I. I. Brane and No. of Ohr on Cale used internal treated on shot.)	9 5/8" 6 3/4"	5 1/2"	3602 <b>-</b> 5915	370	Single	Stage	STIMULAT	TION		***	
The state of the s	·	.700#.a.	vg. tr. 1	pr. 1100-1	L50-1200-13	150-1700	#. I.R.	72 BFM. 1	flush 10	,ooo g	al. Wate	r. Inject
700#. avg. tr. pr. 1100-1150-1200-1350-1700#. I.R. 72 HFM. Flush 10,000 gal. water. Inje	700#. avg. tr. pr. 1100-1150-1200-1350-1700#. I.R. 72 BFM. Flush 10,000 gal. water. Inject		7balla	Settemo	arerv-bride	<b>₩</b> Ð}##(	a <b>4.</b> 5000.	¥	**** **********************************			
.700#, avg. tr. pr. 1100-1150-1200-1350-1700#. I.R. 72 HFM. Flush 10,000 gal. water. Inje	700#, avg. tr. pr. 1100-1150-1200-1350-1700#. I.R. 72 BFM. Flush 10,000 gal. water. Inject	raced P	ictured (	Cliffs per	7. int. 354	0-50; 3	560 <del>-</del> 70 (	2 DJ/It)	w/20,400	y gal.	vater &	To lected
700#, avg. tr. pr. 1100-1150-1200-1350-1700#. I.R. 72 HFM. Flush 10,000 gal. water. Injects/17-bells. Set temporary bridge plug at 5000!	700#, avg. tr. pr. 1100-1150-1200-1350-1700#. I.R. 72 BFM. Flush 10,000 gal. water. Inject sets/17 bells. Set temporary bridge plug at 5000 .  reced Pictured Cliffs perf. int. 3540-50: 3560-70 (2 DJ/ft) w/28.400 gal. water & 20,000#			pr. 2200 <b>f</b> ,	avg. tr. p	r. 1000	T. I.K.	J⊂ DIM• I	TOPU OH	n Rat	· AGAET.	Trifec (4)
700#, avg. tr. pr. 1100-1150-1200-1350-1700#. I.R. 72 EFM. Flush 10,000 gal. water. Injectsets/17 balls. Set temporary bridge plug at 5000!.  raced Pictured Cliffs perf. int. 3540-50; 3560-70 (2 DJ/ft) w/28,400 gal. water & 20,000 pp 2200#, max. pr. 2200#, avg. tr. pr. 1000#. I.R. 32 EFM. Flush 8400 gal. water. Injects	700#, avg. tr. pr. 1100-1150-1200-1350-1700#. I.R. 72 EFM. Flush 10,000 gal. water. Inject sets/17 balls. Set temporary bridge plug at 5000!.  raced Pictured Cliffs perf. int. 3540-50; 3560-70 (2 DJ/ft) w/28,400 gal. water & 20,000# DP 2200#, max. pr. 2200#, avg. tr. pr. 1000#. I.R. 32 EFM. Flush 8400 gal. water. Injected	DW.L.J.CV.			***************************************	***************************************			•		••••	***************************************
700#, avg. tr. pr. 1100-1150-1200-1350-1700#. I.R. 72 BFM. Flush 10,000 gal. water. Inje sets/17-ballsSet-temporary-bridge plug-at-50001	700#, avg. tr. pr. 1100-1150-1200-1350-1700#. I.R. 72 BFM. Flush 10,000 gal. water. Inject sets/17 balls. Set temporary bridge plug at 5000!.  raced Pictured Cliffs perf. int. 3540-50; 3560-70 (2 DJ/ft) w/28,400 gal. water & 20,000# DP 2200#, max. pr. 2200#, avg. tr. pr. 1000#. I.R. 32 BFM. Flush 8400 gal. water. Injected											
700#, avg. tr. pr. 1100-1150-1200-1350-1700#. I.R. 72 EFM. Flush 10,000 gal. water. Inject sets/17 balls. Set temporary bridge plug at 5000 .  raced Pictured Cliffs perf. int. 3540-50; 3560-70 (2 DJ/ft) v/28,400 gal. water & 20,000 DF 2200#, max. pr. 2200#, avg. tr. pr. 1000#. I.R. 32 EFM. Flush 8400 gal. water. Inject set/20 balls.  Result of Production Stimulation.	700#, avg. tr. pr. 1100-1150-1200-1350-1700#. I.R. 72 BFM. Flush 10,000 gal. water. Inject sets/17 balls. Set temporary bridge plug at 5000!. raced Pictured Cliffs perf. int. 3540-50; 3560-70 (2 DJ/ft) v/28,400 gal. water & 20,000# DP 2200#, max. pr. 2200#, avg. tr. pr. 1000#. I.R. 32 BFM. Flush 8400 gal. water. Injected set/20 balls.  Result of Production Stimulation.	<b>A.</b> (	0.F. = P	.C. 1285; I	M.V. 2616 M	CF/D; C	h. Volum	e = P.C.	1270; M	.v. 23	59 mcf/I	) 
700#, avg. tr. pr. 1100-1150-1200-1350-1700#. I.R. 72 BFM. Flush 10,000 gal. water. Inject sets/17 balls. Set temporary bridge plug at 5000 .  Paced Pictured Cliffs perf. int. 3540-50; 3560-70 (2 DJ/ft) v/28,400 gal. water & 20,000 pr 2200#, max. pr. 2200#, avg. tr. pr. 1000#. I.R. 32 BFM. Flush 8400 gal. water. Inject set/20 balls.	coof, avg. tr. pr. 1100-1150-1200-1350-1700#. I.R. 72 BFM. Flush 10,000 gal. water. Injects sets/17 balls. Set temporary bridge plug at 5000 .  caced Pictured Cliffs perf. int. 3540-50; 3560-70 (2 DJ/ft) v/28,400 gal. water & 20,000# OF 2200#, max. pr. 2200#, avg. tr. pr. 1000#. I.R. 32 BFM. Flush 8400 gal. water. Injected set/20 balls.											

Depth Cleaned Out 5871

## RECORD OF DRILL-STEM AND SPECIAL TESTS

If strill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

					TOOLS				Gas Dr	413 <b>a</b> 8	
Rotary t	tools were	used from.		et to	3673	feet, a	and from	36	73' feet to.	59201	fce1
Cable to	ols were	used from	fee	t to		feet, a	and from	·-···	feet to.		feet
					PRODU	CTION					
x <del>XXXXX</del>	Todacing.	Comple	ted 11-24-	······,	1959	)					
OIL WI			on during the first 24				hai	rrels of lic	wid of which		61
		as on,	% wa	s emuision;		••••••••••	% water	r; and	***************************************	% was sedime	ent. A.P.I
	( <del>V</del> )	ravity	••••••	3.0	PC-128	5					
GAS WI	ELL: T	he production	on during the first 24	hours was	7 <b>~≥</b> 010		.M.C.F. pl	us	•••••••••••••••••••••••••••••••••••••••		.barrels o
			arbon. Shut in Pressu								
Length	of Time S	Shut in P.	. 17 Days; M.	V. 7 Da;	y <b>s</b>	+	Ch. Vol	ume ±	P.C. 1270;	M.Y. 235	9 MCF/
PLE	EASE IN	DICATE B	ELOW FORMATIO	N TOPS (	IN CONI	FORMAN	CE WITI	H GEOGF	APHICAL SE	CTION OF S	TATE) ·
			Southeastern New							rn New Mexi	
				Γ. Devonia					Ojo Alamo		
							·····		Kirtland ****		3110 3290
							***************		Pickery L CUT		
									Pictured Cliffs Menefee		ヒつヘビ
T. Que	en	•••							Point Lookout		
				Γ. Gr. Wa					Mancos		
				Γ. Granite.					Dakota		
									Morrison		
				• • • • • • • • • • • • • • • • • • • •					Penn		
				r	*************			Т.	Cliff House		
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T. Miss.	· · · · · · · · · · · · · · · · · · ·							т.	•		·····
	<del></del>	Thickness		FURN	ATIO	N RECC	)KD	1			
From	То	in Feet	Forma	ition		From	То	Thickness in Feet	]	Formation	
0	2710	2710	Tan to gry c	r-grn ss	inte	bedded	w/gry	sh.			
2710 3110	3110 3290	400 180	Ojo Alamo ss.	White	cr-gr	1 6.					
3290	3507	217	Kirtland for Fruitland for	m. Gry s	n int	rpecoe h. aca	a w/t1, ttered	ght gry	fine-grn	58.   cmr +1c	-h+
2507	2615	3.00	Ilne-grn ss.	•	- 1		1	l			
3507 3615	3615 5261	108 1646	Pictured Clin	Is form	to w	fine-	grn, t	ight, a	aricolored	soft ss.	•
5261	5305	44	CTILL HOUSE	38. Gry,	Ilne#	gn, de	pse si	l ss.		ss Dreak	ss.
5305 5647	5647 58 <b>61</b>	342 214	Menefee form.	Gry, f	ine-gr	n s. c	arb sh	& coal	• ,	,	
5861	5920	59	Point Lookout Mancos format	ion. Gr	GPV.	CO N	是KVA	1646	5 AM Selection	breaks.	
-						AZT	C DIS	TPICT	OFFICE		
						Copy	i de	vec 6			
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								100 1710	O. ISHED		
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						2 1 11110 5	3 3 73		والمستعددة المراجعة المراجعة		
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•		•								<del>-</del>	<del></del>
			ATTACH SEPAR								
I her	eby swear	r or affirm	that the information	given herew	ith is a c	omplete a	nd correct	record of	the well and all	work done on	it so far
as can be	determine	ed from ava	ilable records.				mary 8				
<b>C</b> -	_	En 1	Paga National A						•••••••••••••••••••••••••••••••••••••••	(D	ate)
Company	or Opera	tor	aso Natural G	as comp	any	Address	BOX 9	197, <b>F</b> a	rminston,	New Mexic	<b>D</b>

Name ORIGINAL SIGNED H.E. McANALLY
Posit File Petroleum Engineer