#### OPEN FLOW TEST DATA

DATE October 1, 1962

Operator El Paso Natural Gas Company		Riddle No. 4-A		
1190'N, 86 <b>3</b> 'E	, Sec. 1-29-9	San Juan	New Mexico	
armation		Pool		
Pictured Clif	f	Blanco		
asing: Diameter	Set At. Feet	Tubing: Diameter	Set At: Feet	
2 <b>.</b> 8 <b>7</b> 5	3146	No Tubing		
ay Zoner From	To	Total Depth;	Shut In	
3057	<b>3</b> 073	3156	9-21-62	
t muliition Method	• ••	filow Through Casing	Flow Through Tubing	
Sand/Water Fr	ac.	X		

Stoke Size, Inches	Chok	e Constant: C		
.75		12.365	"TUBINGLESS CO	MPLETION™
mot-la Fressore, Casing,	PSIG - 1.	PSIA Days Shuttin	Shut-In Pressure, Tubing	PSIG 12 PSIA
1004		1016 10	No Tubing	
Flowing Pressure, P	PSIG + 12	PSIA	Working Pressure: Pw	PSIG 12 PSIA
91	÷	103	Calc.	130
Teo per atores	า	•	Fpv (From Tables)	Gravity
~ 61 F Ft	.9990	.85	1.009	.650 Fg .9608

CHOKE VOLUME Q C x P, x F, x Fg x Fpv

Q (12.365)(103)(.9990)(.9608)(1.009)

1233 MCF 'D

Asf 
$$\begin{pmatrix} 1,032,256 \\ 1,015,356 \end{pmatrix}$$
  $(1.0166)^{\cdot 85}(1233) = (1.0141)(1233)$ 

MCF D

NOTE: Blew clear gas

OCT3 1962 DIL CON. COM.

Ast 1250

T. B. Grant

Checked by W. D. Dawson

Worth Court Rev

Lewis D. Galloway =



#### (SUBMIT IN TRIPLICATE)

# UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

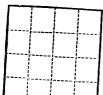
Budget Bureau No. 42-R358.4. Form Approved,					
Land Office	Sonta Te				
Lease No	07/201-A				
Unit					

#### SUNDRY NOTICES AND REPORTS ON WELLS

	SONDKI NO	TICES A				<del></del>
NOTICE OF	INTENTION TO DRILL		SUBSEQ	UENT REPORT OF WATER	SHUT-OFF	
NOTICE OF	INTENTION TO CHANGE PLANS		SUBSEQ	JENT REPORT OF SHOOT	ING OR ACIDIZING	
NOTICE OF	INTENTION TO TEST WATER SHUT-	-OFF	SUBSEQ	JENT REPORT OF ALTER	ING CASING	
NOTICE OF	INTENTION TO RE-DRILL OR REPA	IR WELL	SUBSEQ	JENT REPORT OF RE-DRI	LLING OR REPAIR	
NOTICE OF	INTENTION TO SHOOT OR ACIDIZE		SUBSEQ	JENT REPORT OF ABAND	ONMENT	
NOTICE OF	INTENTION TO PULL OR ALTER CA	SING		MENTARY WELL HISTORY	, <del>-</del>	<b>x</b>
NOTICE OF	INTENTION TO ABANDON WELL		7750	* * 4 NEW *		
	(INDICATE ABOVE	BY CHECK MARK	NATURE OF RE	PORT, NOTICE, OR OTHER	R DATA)	
			\$	leptander 25,	*********************	, 19 <i>්</i> 2
iddle "	<b>%</b> "					•
Vell No.	is located	🏂 ft. from	$\{N\}$ line	and 663 ft. fr	om $\left\{ egin{array}{c} \mathbf{E} \\ \mathbf{W} \end{array} \right\}$ line of sec	, , , , , , , , , , , , , , , , , , ,
TR Soct			(m2) ()~\iff	n.n.p.n.	(	
()/ 8	ec. and Sec. No.)	<b>2</b> `}~&  (Twp.) ()	Range)	(Meridian)		
Blanca	Pictared Cliffs	San Alen		Jev	l'exico	
	(Field)	(County or	Subdivision)		(State or Territory)	
'he elevat	tion of the derrick floor a		el is 🍱 LS OF W			
State names	of and expected depths to objectiv	e sands; show size points, and all ot	s, weights, an her importan	d lengths of proposed ca t proposed work)	sings; indicate mudding j	obs, cement~
Post 30	9-12, T.D. 3156'. C. 959-73;3057-31 (3 SF 136,000 gallone wate	V); x, 30,000∮	send.	and the second second	REC	EIVE
nde 200	tico gallons water. 00%, tror 2:00-3000	i. • ; gαυ	of 12 1	m jillin,	00	Т 1 1962
				RECEIV		LOGICAL SURVEY ON, NEW MEXIC
				OCT3 19	962 i	
				OIL CON. C	Юм./	
I understa	and that this plan of work must re	ceive approval in w	riting by the	•	P.	menced.
	All Pago Noturel Go					
	Box 930					
	Fernington, ikw ik			By ORIGINAL SI	GNED H.E. MCANAL	.T.A.
				Title Petrole	un Argineer	

Form 9-881 a (Feb. 1951)	
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Budget Bureau No. 42-R358.4. Form Approved.



## (SUBMIT IN TRIPLICATE)

### UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Land Office Santa Fe
Lease No. 078201-A
Unit

## SUNDRY NOTICES AND REPORTS ON WELLS

SONDRI NOTICES A	AND REPORTS ON WELLS
NOTICE OF INTENTION TO	TILD OIL MELLS
NOTICE OF INTENTION TO DRILL	SUBSECULTATE
THE TOTAL TO CHANGE DI AND	SUBSEQUENT REPORT OF WATER SHUT-OFF
WILLIAM TO TEST WATER COMME	
TOTAL TO RE-DRILL OF DEDATE	SUBSEQUENT REPORT OF ALTERING CASING
	SUBSEQUENT REPORT OF RE-DRILLING OR SUBSEQUENT REPORT OF ADMINISTRA
THE PULL OF ALTER COMME	SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO ABANDON WELL	SUPPLEMENTARY WELL HISTORY
	SUPPLEMENTARY WELL HISTORY SEP 13-1962
(INDICATE ABOVE TO	
MARK	NATURE OF REPORT, NOTICE, OR OTHER DATA)  U. S. GLULDINGAL SURVEY
Denes	1.3 a
Riddle "A"	$\begin{cases} N \\ S \end{cases}$ line and 363 ft. from $\begin{cases} E \\ S \end{cases}$ line of sec.
Well No. 4 is located 1100 to c	(N)
Trom_	$\left\{ c_{i} \right\}$ line and $\left\{ \frac{363}{6} \right\}$ ft from $\left\{ E_{i} \right\}$ is
NE Section	ine of sec.
IS Section (A Sec. and Sec. No.)  Blanco Pictured Cliffs  The elevation of the day of th	ange) (Meridian)
(Fleid) Sen Aug	<b>B</b>
(County of S	ubdivision)
The elevation of the derrick floor ob	(State of Territory)
The elevation of the derrick floor above sea level	is <u>399</u> ft.
<b>-</b>	
(State names of and average 1.)	OF WORK  weights, and lengths of proposed casings; indicate mudding jobs, cement- important proposed work)
Spudded 9-5-2. On 9-5-2 T.D. 305'. Ran 7 Jts. 9 5/8" 43.5# 8-98 casing (2 Commented w/210 sacks regular, 1/4 cu. 2% A-6, circulated to surface. Held 6 On 9-9-2, T.D. 3157'. Ran 107 Jts. 2 set at 3155'. Commented w/185 sks Dismitted 1500#/30 minutes.  I understand that this plan of work must receive approval in writing company El Pago Natural Gas Company	7/8" 6.4# J-55 casing (3145)  1x & El Boro "35", v/2# (3145)
Address Dox 200	
ZA ZA	
Permington, New Mexico	By CRICINAL SIGNED H.E. MCANALLY
	Title Petroleum Engineer
	CPO ot