FOLD | MARK

U. S. LAND OFFICE SANTA FO... SERIAL NUMBER 078194 LEASE OR PERMIT TO PROSPECT

### **UNITED STATES** DEPARTMENT OF THE INTERIOR

**GEOLOGICAL SURVEY** 

FARM WEN MENTINGERAT

#### LOG OF OIL OR GAS WELL LOCATE WELL CORRECTLY Company El Paso Natural Cas Company Address Box 997, Farmington, New Mexico Lessor or Tract Ludvick Field Astec State New Mexico Well No. 4 Sec. 31 T. 30N R. 10W Meridian NAPM County San Juan Location 938 ft. S. of M. Line and 1038 ft. W. of E. Line of Section 31 Elevation 6016' The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records. Signed -Date March 10, 1955 Title Petroleum Engineer The summary on this page is for the condition of the well at above date. Commenced drilling February 2, 1955 Finished drilling February 12, 1955 OIL OR GAS SANDS OR ZONES (Denote gas by G) No. 1, from 2428 to 2485 (G) No. 4, from -No. 2, from \_\_\_\_\_ to \_\_\_\_ No. 5, from ---No. 3, from \_\_\_\_\_ to \_\_\_\_ No. 6, from ..... IMPORTANT WATER SANDS No. 1, from ..... to ..... No. 3, from ... No. 2, from \_\_\_\_\_ to No. 4, from CASING RECORD Perforate From It is af the graphest importance to have a couralete history of the well. Please are in der the reasons for the work and its results. If there were any changes made in the casing erracted for for in the well, give its size and location. If the well has been dynamical, so \$14 BHSTORS OF OIL OR CAS WELL 1.68# 8 RD MUDDING AND CEMENTING RECORD Method used Mud gravity Amount of mud used Size casing Number sacks of cement Where set Circulated --125----9.5/8 PLUGS AND ADAPTERS Heaving plug—Material Length Depth set Size ----Adapters—Material SHOOTING RECORD Explosive used Denth cleaned out Quantity Depth shot Shell used Size TOOLS USED Rotary tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet Cable tools were used from ---2418 feet to ------ feet, and from ----- feet to ----- feet DATES -----February 13-----, 19-55--Put to producing ..... The production for the first 24 hours was ...... barrels of fluid of which ......% was oil; ......% Gravity, °Bé. .... emulsion; .....% water; and .....% sediment. If gas well, cu. ft. per 24 hours 4,027,060 Gallons gasoline per 1,000 cu. ft. of gas Rock pressure, lbs. per sq. in. ..... \_\_\_\_, Driller

, Driller , Dr. FORMATION RECORD				
FROM-	то-	TOTAL FEET	FORMATION	
0 457 1230 1760 1855 2077	457 1230 1760 1855 2077 2428	457 773 530 95 222 351	Tan cr-grn ss w/thin sh breaks. Variegated sh w/thin ss breaks. Tan to gry cr-grn ss interbedded w/gry sh. Ojo Alamo ss. White cr-grn s. Windred formation. Gry sh interbedded w/tight gry fine-grn ss. Fruitland formation. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss. Pictured Cliffs formation. Gry, fine-grn, tight, varicolored soft ss.	

3.5
3
.S.
í.
7.16
ű

Sewed Nomen Lalis Live of Bome to Pa UNITED STATES	
UNITED STATES	
AMERICAN AND AND AND AND AND AND AND AND AND A	
DEPARTMENT OF THE INTERIOR	
CTOLOGICAL SURVEY	
LOG OF OIL OR GAS WELL	A Mark - Print and a minute of the control of the c
ordestay Liberatura (1841) Langual L. L. L. Address (1847), 1847), 1848, 1848	оодиживтасся Рабо — Са дивриной
owige Stold Stold Stale	Lessor or Tract and
Sec. 24. W. M. R. J. Mordian . J. 27.	Well No
NE of the Land and Alle in We of the Cale of the Elevision of the Elevisio	
n given herewith is a counslete and correct record of the well and all work a semined from all a sliable records.	The information
ermined from all a diable records  Signed  Title (2011-2013-5)	
on this page is for the condition of the well at above date.	
remarks to 19 to Produced drilling Fish russing the	
OIL OR CAS SANDS OR TOWER	
Described (A. A. Porti	n e e
1800(* \$ .0% <u></u>	
BIMAN SINEAD THATROPM	
- No. 2, from to	No. 1, from
No. 4, from	No. 2. from
CASING RECORD	
Descriptions of the state of th	
Trestment formation, increase the state of t	aurided Lio-Made
ithe well, give its size and location. If the well has been dynamited, give date, size, position it is size, position were put in the test for water, state time, of material used, position, and results of pump	of shots. Upplugest bri
t importance to have a complete history of the well. Please state in detail the dates of redr e work and its results. If there were any changes made in the casing, state fully, and it is of the well, give its size and location. If the well has been dynamited wive deta	''sidetracked'' or left in
HIZLOBA OL OIF OB GVZ MEFF	
GROUL DEVIATION ON DESCRIP	
nonider source of the Control of the	
The state of the s	
PLUGS ALU ADARTEES	
	aling Ignologia
CHOORS SHOPE	The state of the s
	inini. u iki iki — — — o iki iki iki iki iki iki iki iki iki i
. 3,770 4,332	_ 18. IV 5.42
TOCES USED	
	Rology tools were t
	Cabir tools were use
<b>श</b> ्चर / व	
n for the first \$24 hours was barrels of Heid of which % was	
a for the first 24 hours was burrers of acid of wareh 76 kess after, and 96 kess (frontly, 116, )	
the per 24 hours were the Gallons gasoling per 1,000 etc. for of green	
. 10. per 24 none special in the second for the second sec	
EXITATION	garante de la companya de la company
with the contract of the contr	
TOTAL AND THE STATE OF THE STAT	
FORMATION MECORD  ATTEMPT OF THE PROPERTY OF T	
To- Follows and the state of th	* C + 2
1 +5 Variceures si vathia sa breaks.	e 15 ±
1220 w Tan to come spring interfiedded w/gry sh. 1740 com s.	\$13. \$7.
200 to the state of the state o	
was sample of the carb the scattered	
24-37 County Law and the greek fine-greek procedures. Pleaned Cally formation. Grey fine-grey.	<u>.</u> .
A Proprieta	35.
	#
	A CONTRACTOR OF THE CONTRACTOR

### NEW MEXICO OIL CONSERVATION COMMISSION INITIAL POTENTIAL TEST-DATA SHEET

#### FORM C-122-B

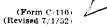
This form must be used for reporting all pitot tube tests made in the State. It is particularly important that it be used for reporting Initial Potential Tests in the San Juan Basin as prescribed by Order No. R-333 and by the New Mexico Oil Conservation Commission Manuel of Tables and Procedure for Initial Potential (Pitot Tube) Tests.

PUCL	FURMATION CLASS
COUNTY See Jan	TE WELL TESTED Narch 2, 1955
OPERATOR K1 Page Natural Gas Co. LEASE	E Laddek WELL NO. h
1/4 SECTION: IS LETTER SE	31 TMP. 308 RGE. 10N
CASING: 5 " O.D. SET AT 2108	TUBING . 1 " WT. SET AT 2165
PAY ZOME: FROM 2108 TO 2185	GAS GRAVITY: MEAS. EST.
TESTED THROUGH: CASING	TUBING
TEST NIPPLE 2 I.D.	TYPE OF GAUGE USED (Spring) (Monometer)
OBSERVE	ED DATA
SHUT IN PRESSURE: CASING 56 TU	JBING: 596 pale S. I. PERIOD 17 days
TIME WELL OPENED: 9:25 A.K.	TIME WELL GAUGED: 12:25 P.M.
IMPACT PRESSURE: 33 page	
VOLUME (Table I)	(a)
MULTIPLIER FOR PIPE OR CASING (Table II)	
MULTIPLIER FOR FLOWING TEMP. (Table III)	· 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
MULTIPLIER FOR SP. GRAVITY (Table IV) .	
AVE. BEROMETER PRESSURE AT WELLHEAD (Table	0 0 - 3
MULTIPLIER FOR BAROMETRIC PRESSURE (Table	
INITIAL POTENTIAL, MCF/24 Hrs. (a) x (b) x	
WITNESSED BY: C. B. Pomil	TESTED BY: T. B. Grant
COMPANY: El Paso Natural Gas Company	COMPANY: El Paso Materal Gas Company
TITLE: Gas Engineer	TITLE: Gas Engineer

OIL CONSERVAT	ION COMM	IISSION		
AZTEC DISTRICT OFFICE				
No. Copies Recei	ed .	3		
DISTAIBUTION				
	MG.	1		
Cpgrator !				
Carte fe	1			
Promise Garage				
Stars Land Ornice				
U. R. C. S	/			
Transporter	<u>.</u>			
FHe		-		

•

• •



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

It is necessary that Form C-104 be approved before this form can be approved an an initial allowable be assigned to any completed Oil or Gas well. Submit this form in QUADRUPLICATE.

# CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Company or Operator. El Paso Enteral Cas Company	LeaseLease
Address Box 997, Permington, Nov Musico	El Paso, Terras
(Local or Field Office)	(Principal Place of Business) , T, R, Pool, Pool
County Kind of Lease:	Poterel .
If Oil well Location of Tanks.	
Authorized Transporter. 22 Page Baturel Gas Co	Address of Transporter
(Local or Field Office)	(Principal Place of Business)
	Other Transporters authorized to transport Oil or
from this unit are. Inc.	
	%
REASON FOR FILING: (Please check proper box)	
NEW WELL	CHANGE IN OWNERSHIP
CHANGE IN TRANSPORTER	OTHER (Explain under Remarks)
REMARKS:	
The undersigned certifies that the Rules and Regulations	of the Oil Conservation Commission have been complied with
Executed this theday ofday	19.55
Approved, 19, 19	Al Paso Intural Cas Company
OIL CONSERVATION COMMISSION	By O - Tablell
By ORIGINAL SIGNED BY	Title
PETROLITI ELECTIFICATION 3  Title	

#### INSTRUCTIONS

This form shall be executed and filed in QUADRUPLICATE with the District Office of the Oil Conservation Commission, covering each unit from which oil or gas is produced. A separate certificate shall be filed for each transporter authorized to transport oil or gas from a unit. After said certificate has been approved by the Oil Conservation Commission, one copy shall be forwarded to the transporter, one copy returned to the producer, and two copies retained by the Oil Conservation Commission.

A new certificate shall be filed to cover each change in operating ownership and cach change in the transporter, except that in the case of a temporary change in the transporter involving less than the allowable production for one proration period, the operator shall in lieu of filing a new certificate notify the Oil Conservation Commission District Office, and the transporter authorized by certificate on file with the Commission, by letter of the estimated amount of oil or gas to be moved by the transporter temporarily moving oil or gas from the unit and the name of such temporary transporter and a copy of such notice shall also be furnished such temporary transporter. Such temporary transporter shall not move any more oil or gas than the estimated amount shown in said notice.

This certicate when properly executed and approved by the Oil Conservation Commission shall constitute a permit for pipe line connection and authorization to transport oil and gas from the property named therein and shall remain in full force and effect until

(a) Operating ownership changes

(a) The transporter is changed or

(c) The permit is cancelled by the Commission.

If any of the rules and regulations of the Oil Conservation Commission have not been complied with at the same time this report is filed, explain fully under the heading "REMARKS."

In all cases where this certificate is filed to cover a change in operating owner-ship or a change in the transporter designated to move oil or gas, show under "REMARKS" the previous owner or operator and the transporter previously authorized to transport oil or gas.

A separate report shall be filed to cover each pathe Oil Conservation Commission.

r	SIL CONSERVATION COMMISSION
	AZTEC DISTRICT OFFICE
	No. Copies Posting 5
	DISTRIBUTE
	NS.
	(market
	Sarus Pe.
4	Provance Otros
-	State Land Conce
	U. S. & S.
	Transporter 2
	File
1	