

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

REQUEST FOR (OIL) - (GAS) ALLOWABLE

New Well
~~Recompletion~~

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Farmington, New Mexico October 26, 1955

(Place)

(Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

El Paso Natural Gas Company San Juan 28-7 Unit Well No. 33, in NE 1/4 NE 1/4,
(Company or Operator) (Lease)A, Sec. 13, T. 28N, R. 7W, NMPM, Blanco Pool
(Unit)

Rio Arriba County. Date Spudded 9-4-55, Date Completed 10-4-55

Please indicate location:

			X

800'N, 990'E

Casing and Cementing Record
Size Feet Sax

9 5/8"	162'	125
7"	3658'	250
5 1/2"	5920'	170
2"	5850'	---

Elevation 6787'G Total Depth 5930' P.B. 5889'

Top oil/gas pay 5312' (Perf.) Name of Prod. Form Mesa Verde

Casing Perforations: 5768-5853, 5312-5406' or

Depth to Casing shoe of Prod. String 5930'

Natural Prod. Test BOPD

based on bbls. Oil in Hrs. Mins.

Test after acid or shot BOPD

Based on bbls. Oil in Hrs. Mins.

Gas Well Potential 9,396 MCF/D

Size choke in inches

Date first oil run to tanks or gas to Transmission system: w/o Pipeline

Transporter taking Oil or Gas: El Paso Natural Gas Company

Remarks:

I hereby certify that the information given above is true and complete to the best of my knowledge.

Approved: N.C. 7 1955, 19

El Paso Natural Gas Company
(Company or Operator)

By: [Signature] (Signature)

By: [Signature]

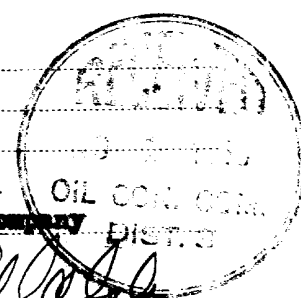
Title: Petroleum Engineer

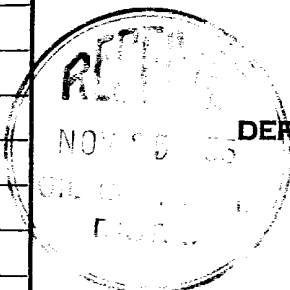
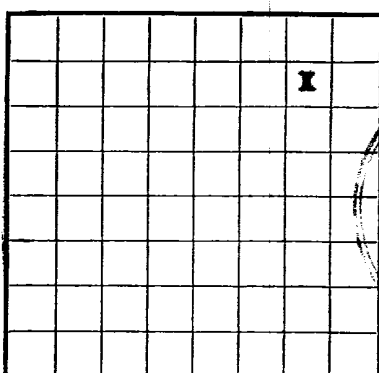
Send Communications regarding well to:

Name: E. J. Cool

Address: Box 997, Farmington, New Mexico

Title: District Director Dist. 23



U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 079290
LEASE OR PERMIT TO PROSPECT 14-08-001-459UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
Lessor or Tract San Juan 28-7 Unit Field Blanco State New Mexico
Well No. 33 Sec. 13 T. 28N R. 7W Meridian NMPM County Rio Arriba
Location 800 ft. N of 1 Line and 990 ft. E of 2 Line of Section 13 Elevation 6797
(Derrick floor relative to sea level)

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 W. H. WalshDate October 27, 1955 Title Petroleum Engineer

The summary on this page is for the condition of the well at above date.

Commenced drilling September 4, 1955 Finished drilling September 27, 1955

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3575 to 3640 (G) No. 4, from 5776 to 5888 (G)
No. 2, from 5293 to 5418 (G) No. 5, from to
No. 3, from 4118 to 4716 (G) No. 6, from to
No. 7, from to No. 8, from to
No. 9, from to No. 10, from to
No. 11, from to No. 12, from to
No. 13, from to No. 14, from to
No. 15, from to No. 16, from to
No. 17, from to No. 18, from to
No. 19, from to No. 20, from to
No. 21, from to No. 22, from to
No. 23, from to No. 24, from to
No. 25, from to No. 26, from to
No. 27, from to No. 28, from to
No. 29, from to No. 30, from to
No. 31, from to No. 32, from to
No. 33, from to No. 34, from to
No. 35, from to No. 36, from to
No. 37, from to No. 38, from to
No. 39, from to No. 40, from to
No. 41, from to No. 42, from to
No. 43, from to No. 44, from to
No. 45, from to No. 46, from to
No. 47, from to No. 48, from to
No. 49, from to No. 50, from to
No. 51, from to No. 52, from to
No. 53, from to No. 54, from to
No. 55, from to No. 56, from to
No. 57, from to No. 58, from to
No. 59, from to No. 60, from to
No. 61, from to No. 62, from to
No. 63, from to No. 64, from to
No. 65, from to No. 66, from to
No. 67, from to No. 68, from to
No. 69, from to No. 70, from to
No. 71, from to No. 72, from to
No. 73, from to No. 74, from to
No. 75, from to No. 76, from to
No. 77, from to No. 78, from to
No. 79, from to No. 80, from to
No. 81, from to No. 82, from to
No. 83, from to No. 84, from to
No. 85, from to No. 86, from to
No. 87, from to No. 88, from to
No. 89, from to No. 90, from to
No. 91, from to No. 92, from to
No. 93, from to No. 94, from to
No. 95, from to No. 96, from to
No. 97, from to No. 98, from to
No. 99, from to No. 100, from to

Size casing	Weight per foot	Threads per foot	Make	Amount	Kind of shoes	Cut and pulled from	Perforated		Purpose
							From—	To—	
9-5/8"	25.44	P.E.	S.W.	160'	Howee				Surface
7"	16.54	P.E.	S.W.	160'	Howee				Intermediate
5-1/2"	11.74	P.E.	S.W.	160'	Howee				Production
2"	4.74	P.E.	S.W.	160'	Howee				Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8"	175'	125	Circulated		
7"	3670'	250	Single Stage		
5-1/2"	5930	170	Single Stage		

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set
Adapters—Material Size

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
		See Well History.				

TOOLS USED

Rotary tools were used from 0 feet to 3670 feet, and from 3670 feet to 5930 feet
Cable tools were used from feet to feet, and from feet to feet

DATES

The production for the first 24 hours was barrels of fluid of which % was oil; %
emulsion; % water; and % sediment. Gravity, °Bé.
If gas well, cu. ft. per 24 hours 9,306,000 Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in. 1056

EMPLOYEES

, Driller , Driller
, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	505	505	Tan cr-grn ss w/thin sh breaks.
505	615	110	Variegated sh w/thin ss breaks.
615	2670	2055	Tan to gry cr-grn ss interbedded w/gry sh.
2670	2856	186	
2856	3338	482	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
3338	3575	237	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
3575	3640	65	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3640	5293	1653	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
5293	5418	125	Cliff House ss. Gry, fine-grn, dense sil ss.
5418	5776	358	Mancos form. Gry, fine-grn s, carb sh & caol.
5776	5888	112	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5888	5930 T.D.	42	Mancos formation. Gry carb sh.

U. S. LAND OFFICE **Santa Fe**

SERIAL NUMBER 079290

LEASE OR PERMIT TO PROSPECT -----
14-08-001-459

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
Lessor or Tract San Juan 26-7 Unit Field Blanco State New Mexico
Well No. 33 Sec. 13 T. 28N R. 7W Meridian NMPM County Rio Arriba
Location 800 ft. N of N Line and 900 ft. E of E Line of Section 13 Elevation 6797

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 Will A. Ralph

Date October 27, 1955 Title Petroleum Engineer

The summary on this page is for the condition of the well at above date.

Commenced drilling ----- ~~September 4~~, 1955. Finished drilling ----- ~~September 27~~, 1955.

OIL OR GAS SANDS OR ZONES

(Denote gas by $\mathbb{G}$)

No. 1, from 3575 to 3640 (G) No. 4, from 5776 to 5888 (G)
No. 2, from 5293 to 5418 (G) No. 5, from to
No. 3, from 5418 to 5776 (G) No. 6, from to

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
9 5/8"	25.4#	P.E./ 8 RD	S.W.	162'	Hewoo				Surface
7 1/2"	20.0#	J-55 8 RD	J-55	5920'	Baker				Intermediate Prod. Log.
5 1/2"	15.90								
HISTORY OF OH OK GAS WELL									
2	4.7#	8 RD	J-55	5850'					Prod. Log.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	175'	125	Circulated		
7"	3670'	250	Single Stage		
5 1/2"	5930	170	Single Stage		

PLUGS AND ADAPTERS

Heaving plug—Material	Length	Depth set
Adapters—Material	Size	

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
		See Well History.				

TOOLS USED

Rotary tools were used from 0 feet to 3670 feet, and from 3670 feet to 5930 feet. Gas drilled

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

DATES

10-4-55, 19 _____ Put to producing _____, 19 _____

The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours 9,306,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. ----- 1056

EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	505	505	Tan cr-grn ss w/thin sh breaks.
505	615	110	Variegated sh w/thin ss breaks.
615	2670	2055	Tan to gry cr-grn ss interbedded w/gry sh.
2670	2856	186	
2856	3338	482	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
3338	3575	237	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
3575	3640	65	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3640	5293	1653	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
5293	5418	125	Cliff House ss. Gry, fine-grn, dense sil ss.
5418	5776	358	Manefee form. Gry, fine-grn s, carb sh & caol.
5776	5888	112	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5888	5930 T.D.	42	Mancos formation. Gry carb sh.

GEOLOGICAL SURVEY

A blank sheet of graph paper with a grid pattern. The grid consists of 10 columns and 8 rows of squares. The lines are thin and black, set against a white background. There are no margins or additional markings on the page.

FOR A FEW MORE

The summary on this page is for the condition of the well at above date.

[illegible]

GIL OR GAS SANDS OR SOLES

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October 1, 1955. J.D. 5930. P.B.T.D. 5889.
water fractured Flint Lookout formation Int. 5768' - 5853', with 30,000 gallons
water and 30,000# sand. Flush 6000 gallons. Injection rate 39.0 bbls./min.
NCF. Maximum and Breakdown pressure 2050#, treating pressure 800#. Natural gas 70
October 2, 1955 W.D. 9930. P.B.T.D. 5790.
water fractured Cliff House formation Int. 5406' - 5406', with 30,500 gallons
water and 27,500# sand. Flush 5500 gallons. Maximum and Breakdown pressure
2700#, treating 1050#, Natural gas 201 MCF/D. Injection rate 26.3 bbls./min.

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked," or left in the well, give location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL.

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

FROM	TO	TOTAL FEET	FORMATION
100	101	1	CLAY
101	102	1	CLAY
102	103	1	CLAY
103	104	1	CLAY
104	105	1	CLAY
105	106	1	CLAY
106	107	1	CLAY
107	108	1	CLAY
108	109	1	CLAY
109	110	1	CLAY
110	111	1	CLAY
111	112	1	CLAY
112	113	1	CLAY
113	114	1	CLAY
114	115	1	CLAY
115	116	1	CLAY
116	117	1	CLAY
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200	201	1	CLAY