

(Revised 7/1/52)
(Form C-105)

[illegible]

Santa Fe, New Mexico

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.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Kelly State

(Company or Operator)

(Lease)

Well No. 1, in NE 1/4 of NE 1/4, of Sec. 16, T. 25N, R. 12W, NMPM.

Wildcat

Pool. San Juan

...County.

Well is 990 feet from North line and 1090 feet from East line.

of Section 16 If State Land the Oil and Gas Lease No. is E-6597

Drilling Commenced.....**August 18**....., 19**55**..... Drilling was Completed.....**September 13**....., 19**55**.....

Name of Drilling Contractor..... **Company tools**

Address.....

Elevation above sea level at Top of Tubing Head.....6229'GR..... The information given is to be kept confidential until
....., 19.....

OIL SANDS OR ZONES

No. 1, from 4760 to 4800 No. 4, from _____ to _____

No. 2, from 4812 to 4822 No. 5, from _____ to _____

No. 3, from 4826 to 4842 No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include 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.

No. 4, from to feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
9 5/8"	25.4#	New	161'	Howco			Surface
7"	23#	New	1021'				
7"	20#	New	3952'	Baker			Prod. Csg.
2"	4.7#	New	4832'				Prod. Tbg.

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
13 3/4"	9 5/8"	173'	125	Circulated		
8 3/4"	7"	4973	250	Single Stage		

ALL

OCT 17 1966

OIL CO. CON.

DIST. 3

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

Sandoil fractured Lower Galling through 7" casing. Interval 4760' to 4800' and 4812' to 4842' with 18,000 gal. oil and 17,500# sand. BDP 950#, maximum press. 950#, Ave. treating press. 750#, Flush with 7075 gallons water.

Result of Production Stimulation.....180 bbl./D & 100 MCF/D

...Depth Cleaned Out.....5150

RECORD OF DRILL-STEM AND SPECIAL TESTS

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

TOOLS USED

Rotary tools were used from 0 feet to 5150 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Completed 9-22-55, 19.

OIL WELL: The production during the first 24 hours was 180 barrels of liquid of which 95 % was oil; 0 % was emulsion; 1 % water; and 4 % was sediment. A.P.I. Gravity 40°

GAS WELL: The production during the first 24 hours was M.C.F. plus barrels of liquid Hydrocarbon. Shut in Pressure lbs.

Length of Time Shut in.

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico

T. Anhy.
T. Salt.
B. Salt.
T. Yates.
T. 7 Rivers.
T. Queen.
T. Grayburg.
T. San Andres.
T. Glorieta.
T. Drinkard.
T. Tubbs.
T. Abo.
T. Penn.
T. Miss.

T. Devonian.
T. Silurian.
T. Montoya.
T. Simpson.
T. McKee.
T. Ellenburger.
T. Gr. Wash.
T. Granite.
T.
T.
T.
T.
T.

Northwestern New Mexico

T. Ojo Alamo.
T. Fruitland 768
T. Farmington.
T. Pictured Cliffs. 1124
T. Menefee. 3090
T. Point Lookout. 3536
T. Mancos. 3719
T. Dakota.
T. Morrison.
T. Penn.
T. Lewis 1230
T. Cliff House 2961
T. Gallup 4560
T. Sanastee 5092

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	768	768	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.				
768	1124	356	Fruitland form. Gry carb sh, scattered coals & gry, tight, fine-grn ss.				
1124	1230	106	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.				
1230	2961	1731	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.				
2961	3090	129	Cliff House ss. Gry, fine-grn, dense sil ss.				
3090	3536	446	Manefee form. Gry, fine-grn s, carb sh & coal.				
3536	3719	183	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.				
3719	4560	841	Mancos formation. Gry carb sh.				
4560	5092	532	Gallup form. Lt. gry to brn. calc carb micac. glauco. very fine grn ss w/irreg. interbed. shale.				
5092	5150	58	Sanastee form. Drk gry calc. very fine to fine gry calc. ss, irreg. inter. gry shale.				

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

October 13, 1955

Company or Operator El Paso Natural Gas Company

Address Box 997, Farmington, New Mexico

Name

Position or Title Petroleum Engineer

NEW MEXICO OIL CONSERVATION COMMISSION
MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106)

COMPANY El Paso Natural Gas Company, Box 997, Farmington, New Mexico
(Address)

LEASE Kelly State WELL NO. 1 UNIT A S 12 T 25N R 12W

DATE WORK PERFORMED _____ POOL Bist1

This is a Report of: (Check appropriate block) ☐ Results of Test of Casing Shut-off
☐ Beginning Drilling Operations ☒ Remedial Work
☐ Plugging ☒ Other Sandoil Fracture

Detailed account of work done, nature and quantity of materials used and results obtained.

Total Depth 5150', Cleanout depth @ 4875'.
Sandoil fractured upper Gallup through perforated intervals 4725' - 4750' with
4 shots per foot, with 61,300 gallons oil and 60,000# sand. Breakdown pressure
1800#, maximum pressure 1800#, average treating pressure 1500#. Injection rate
50 bbls./min. Flush 4700 gallons.

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:

DF Elev. 6239 TD 5150 PBD 4875 Prod. Int. Gallup Compl Date 9-22-55
Tbng. Dia 2" EUE Tbng Depth 4832 Oil String Dia 7" Oil String Depth 4973
Perf Interval (s) 4760-4800, 4812-4822, 4826-4842
Open Hole Interval None Producing Formation (x) Gallup (Lower & Middle)

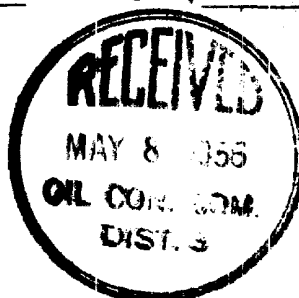
RESULTS OF WORKOVER:	BEFORE	AFTER
Date of Test	<u>4-20-56</u>	<u>5-3-56</u>
Oil Production, bbls. per day	<u>106</u>	<u>646</u>
Gas Production, Mcf per day	_____	_____
Water Production, bbls. per day	_____	_____
Gas-Oil Ratio, cu. ft. per bbl.	<u>192</u>	<u>270</u>
Gas Well Potential, Mcf per day	_____	_____
Witnessed by _____	_____	_____

(Company)

OIL CONSERVATION COMMISSION

Name [Signature]
Title PETROLEUM ENGINEER DIST. NO. 3
Date MAY 8 1956

I hereby certify that the information given
above is true and complete to the best of
my knowledge.
Name [Signature]
Position Petroleum Engineer
Company El Paso Natural Gas Co.



OIL CONSERVATION COMMISSION

AZTEC DISTRICT OFFICE

No. Copies 5

DISTRICT OFFICE

DATE

BY

FOR

TO

FROM

RE

THE

FILE

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Form C-110
Revised 7/1/55

(File the original and 4 copies with the appropriate district office)

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Company or Operator El Paso Natural Gas Company Lease Kelly State
Well No. 1 Unit Letter A S 16 T 25N R 12W Pool Bisti Gallup
County San Juan Kind of Lease (State, Fed. or Patented) State
If well produces oil or condensate, give location of tanks: Unit A S 16 T 25N R 12W
Authorized Transporter of Oil or Condensate El Paso Natural Gas Products Co.

Address _____
(Give address to which approved copy of this form is to be sent)

Authorized Transporter of Gas El Paso Natural Gas Co.
Address Box 997, Farmington, N.M.

(Give address to which approved copy of this form is to be sent)
If Gas is not being sold, give reasons and also explain its present disposition.

Reasons for Filing: (Please check proper box) New Well _____
Change in Transporter of (Check One): Oil () Dry Gas () C'head () Condensate ()

Change in Ownership _____ () Other Recompletion (X)
Remarks: _____ (Give explanation below)

Pulled tubing. Perf. @ 4725-4750. Sandoil fractured thru perf. w/61,300 gallons oil and 60,000# sand. BDP 1800#, max. pr. 1800#, avg. tr. pr. 1000#, Injection rate 50 BPM. Flush 4700 gallons. Cleanout and run tubing.

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the 12 day of June 19 56

By School Schuler
Title Petroleum Engineer

Approved JUN 14 1956 19

OIL CONSERVATION COMMISSION
By Ernest C. Powell
Title Oil and Gas Inspector Dist. #3

Company El Paso Natural Gas Co.
Address Box 997, Farmington, N.M.

CONSTITUTIONAL COMMISSION

ATTEST

1

2

1

✓

NEW MEXICO OIL CONSERVATION COMMISSION
MISCELLANEOUS REPORTS ON WELLS
(Submit to appropriate District Office as per Commission Rule 1106)

COMPANY El Paso Natural Gas Company, Box 997, Farmington, New Mexico
(Address)

LEASE gully State WELL NO. 1 UNIT A S 16 T 25N R 12W
DATE WORK PERFORMED 4/20 - 4/26/51 PCOL Bisti Gallup

This is a Report of: (Check appropriate block) ☐ Results of Test of Casing Shut-off
☐ Beginning Drilling Operations ☒ Remedial Work
☐ Plugging ☐ Other

Detailed account of work done, nature and quantity of materials used and results obtained.

Pulled tubing. Perforated at 4725-4750. Sandoil fractured thru perforations with 61,300 gallons oil and 60,000# sand. BHP 1800#, maximum pressure 1800#, average treating pressure 1000#, Injection rate 50 BPM. Flush 4700 gallons. Cleanout and run tubing.

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:

DF Elev. 6239 TD 5150 PBD 4936 Prod. Int. 4725-4842 Compl Date 4-26-56
Tbng. Dia 2" Tbng Depth 4695 Oil String Dia 7" Oil String Depth 4973'
Perf Interval (s) 4725-4750, 4760-4780, 4780-4800, 4812-4822, 4826-4842.
Open Hole Interval _____ Producing Formation (s) Gallup

RESULTS OF WORKOVER:

	BEFORE	AFTER
Date of Test	<u>9-22-55</u>	<u>3-4-56</u>
Oil Production, bbls. per day	<u>180</u>	<u>646</u>
Gas Production, Mcf per day	<u>100</u>	<u>240</u>
Water Production, bbls. per day		
Gas-Oil Ratio, cu. ft. per bbl.	<u>555 C.F.</u>	<u>371</u>
Gas Well Potential, Mcf per day		

Witnessed by John J. Strojek

El Paso Natural Gas Company

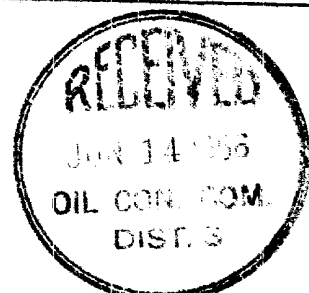
(Company)

OIL CONSERVATION COMMISSION

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

Name A. J. Wood
Title JUN 14 1956
Date Oil and Gas Inspector Dist. #3

Name School Schulerman
Position Petroleum Engineer
Company El Paso Natural Gas Co.



CONSERVATION COMMISSION		
AZTEC DISTRICT OFFICE		
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Transporter		
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NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

(Form C-104)
(Revised 7/1/52)

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, N.M. June 12, 1956
(Place) (Date)

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

El Paso Natural Gas Company Kelly State, Well No. 1, in NE 1/4 NE 1/4,
(Company or Operator) (Lease)
A, Sec. 16, T. 25N, R. 12W, NMPM, Bisti Gallup Pool
(Unit)
San Juan County. Date Spudded. 8-18-55, Re-
Date Completed. 4-26-56

Please indicate location:

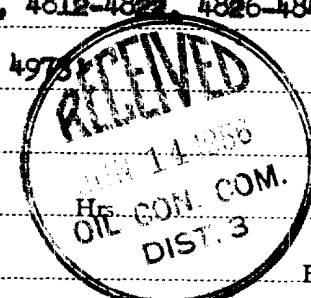
			X

990'N, 1090'E

Casing and Cementing Record
Size Feet Sax

9 5/8"	173'	125
7"	4963'	200
2"	4695'	---

Elevation 6229' Total Depth 5150' ~~4840 (RT)~~
Top oil/gas pay 4725' (Perf.) Name of Prod. Form Lower Gallup
Casing Perforations: 4725-4750, 4760-4800, 4812-4822, 4826-4842. or
Depth to Casing shoe of Prod. String 4973'
Natural Prod. Test BOPD
based on bbls. Oil in Hrs. Mins.
Test after acid or shot BOPD
Based on 646 bbls. Oil in 24 Hrs. Mins.
Gas Well Potential 240 MCF/D (GOR 371 MCF/bbl.)
Size choke in inches
Date first oil run to tanks or gas to Transmission system: 9-30-55
Transporter taking Oil or Gas: El Paso Natural Gas Products Co.



Remarks: Pulled tbg. perf. @ 4725-4750. Sandoil fraced thru perf. w/61,300 gals. oil & 60,000# sand. BDP 1800#, max. pr. 1800#, avg. tr. pr. 1000#, Injection rate 50 BPM. Flush 4700 gallons. Gleanout and run tubing.

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

Approved. JUN 14 1956, 19.

OIL CONSERVATION COMMISSION

By: *Emory C. Givoli*
Title: Oil and Gas Inspector Dist. #3.

By: *Schuel Schuler*
(Company or Operator) (Signature)
Title: Petroleum Engineer
Send Communications regarding well to:
Name: E. J. Coel
Box 997, Farmington, N.M.

OIL CONSERVATION COMMISSION		
REGIONAL OFFICE		
No. Conservation	5	
Date		
Name		
Address	2	
City	1	
State	1	
County		
J. C. C.		
Telephone		
File	1	✓