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NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

(Form C-104)
Revised 7/1/57

REQUEST FOR (OIL) - (GAS) ALLOWABLE

~~NEW WORK~~
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 new oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Farmington, New Mexico

November 20, 1964

(Place)

(Date)

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

El Paso Natural Gas Company, Riddle, Well No. 3-C, in NE $\frac{1}{4}$ SW $\frac{1}{4}$,
(Company or Operator) (Lease)
K, Sec. 29, T. 31N, R. 9W, NMPM., Blanco Mesa Verde Pool
Unit Letter W/O Started Workover
San Juan County. Date Spudded 10-28-64 Date ~~Spudded~~ Completed 11-7-64
Elevation 6311' GL, 6321' DF Total Depth 5485' CO₂ 5440'

Please indicate location:

D	C	B	A
E	F	G	H
L	K	J	I
M	N	O	P

Top Oil/Gas Pay 4860' (Perf) Name of Prod. Form. Mesa Verde

PRODUCING INTERVAL -

Perforations 4860-65, 4875-80, 4924-34, 5340-46, 5378-84, 5396-5402,
5434-40 Depth 5485' Depth 5424'
Open Hole None Casing Shoe 5485' Tubing

OIL WELL TEST -

Natural Prod. Test: _____ bbls. oil, _____ bbls water in _____ hrs, _____ min. Size _____
Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of Choke
load oil used): _____ bbls. oil, _____ bbls water in _____ hrs, _____ min. Size _____

GAS WELL TEST -

Natural Prod. Test: _____ MCF/Day; Hours flowed _____ Choke Size _____

Method of Testing (pitot, back pressure, etc.): _____

Test After Acid or Fracture Treatment: 12,392 MCF/Day; Hours flowed 3

Choke Size 3/4" Method of Testing: Calculated A.O.F.

Acid or Fracture Treatment (Give amounts of materials used, such as acid, water, oil, and sand): 30,000# sand, 40,000 gal. water; 40,000# sand, 60,000 gal. wtr.

Casing Press. 886 Tubing Press. 886 Date first new oil run to tanks _____

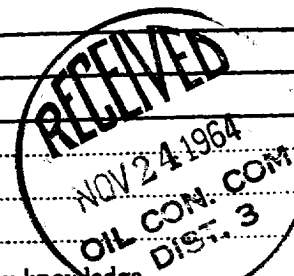
Oil Transporter El Paso Natural Gas Company

Gas Transporter El Paso Natural Gas Company

990'S, 1571' W
(Footage)
Tubing, Casing and Cementing Record

Size	Feet	Sax
9 5/8"	240'	130
7"	4676'	300
4 1/2"	5475'	200
2 3/8"	5423'	Tbg.

Remarks: See Workover Information on back



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

Approved NOV 24 1964, 19____

El Paso Natural Gas Company

(Company or Operator)

OR'G'NAL SIGNED E. S. OBERLY

By: _____ (Signature)

Title Petroleum Engineer

Send Communications regarding well to:

Name E. S. Oberly

Address Box 990, Farmington, New Mexico

OIL CONSERVATION COMMISSION

By: Original Signed Emery C. Arnold

Title Supervisor Dist. # 3

WORKOVER

- 10-29-64 Worked tubing up 5 1/2 joints and stuck. Cut tubing at 4750'. Set cement retainer at 4620', squeezed open hole w/250 sks. regular, 2% calcium chloride, 10# Gilsomite and 1/8# Flocele/sk., and 100 sks. regular w/10% sand, 2% calcium chloride. Holding pressure 2500#.
- 10-30-64 Perforated 4 holes at 1850'. Set fullbore packer at 1771', squeezed w/150 sks. regular w/15# Gilsomite and 1/4# Flocele/sk., 2% calcium chloride. Holding pressure 1200#. Blew well w/gas. Drilled bridge plug at 4620'.
- 10-31-64 Set whipstock tool at 4700'. Drilled 4 3/4" hole to 4709'.
 11-1-64 Opened whipstock hole w/6 1/4" reamer to 4723'. Drilling w/6 1/4" bit and gas.
 11-4-64 Whipstock total depth 5485'. Ran 166 joints 4 1/2", 10.5#, J-55 casing (5475') set at 5485' w/200 sacks of a ratio of 1:1 Diamix "A" and Class "A" cement w/18# Flocele and 1/4 cu. ft. Strata-Crete "6"/sk., 4% gel. Top of cement by temperature survey at 2450'.
- 11-5-64 Cleaned out to 5440', tested casing to 3500#, perf. Point Lookout 5340-46, 5378-84, 5396-5402, 5434-40 w/2 SFF, trac w/40,000# 20/40 sand, 60,000 gal. water w/300# J-133, flushed w/3780 gallons water. I.R. 44 BHM, Max. pr. 4000#, BDP 2700#, tr. pr. 2650-3100-4000#. Dropped 2 sets of 12 balls each and 3 sets of 4 each. ISIP -0-. Set bridge plug at 4968'. Perf. Cliff House 4860-65, 4875-80 w/2 SFF, 4924-34 w/1 SFF, trac w/30,000# 40/60 sand, 40,000 gal. water w/2 pounds J-133, flushed w/3360 gallons water. I.R. 43 BHM, Max. pr. 4000#, BDP 3000#, tr. pr. 2700-3200-3600#. Dropped 1 set of 10 balls and 1 set of 5 balls. ISIP -0-.
- 11-6-64 Drilled bridge plug at 4968'. Blowing sand and water.
- 11-7-64 Ran 192 joints 2 3/8", 4.7#, J-55 tubing (5413.52') set at 5423.52'. Perf. at 5392', SN @ 5391'.