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NEW MEXICO OIL CONSERVATION COMMISSION

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

Santa Fe, New Mexico

REQUEST FOR (OIL) - (GAS) ALLOWABLE

~~XXXXXXXX~~
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 QUADRUPPLICATE 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

8-5-64

(Place)

(Date)

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

El Paso Natural Gas Company Howell "A", Well No. 2, in SE 1/4 SW 1/4,
(Company or Operator) (Lease)

N Unit Letter, Sec. 5, T. 30N, R. 8W, NMPM., Blanco Mesa Verde Pool
W/O Started Workover

San Juan County, Date spaced 7-16-64, Date Spacing Completed 7-23-64

Elevation 6369' GL, Whipstock 5478, cor'D 5432

Please indicate location:

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

Top ~~NO~~ Gas Pay 4943 (Perf.) Name of Prod. Form. Mesa Verde

PRODUCING INTERVAL -

Perforations 4943-49, 4964-70, 4988-94, 5366-72, 5413-25

Open Hole None, Depth Casing Shoe 5478, Depth Tubing 5387

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 _____

990'S, 1650'W
(FOOTAGE)

Tubing, Casing and Cementing Record

Size	Feet	Sax
13 3/8"	294'	250
6 5/8"	4754'	141
4 1/2"	5468'	175
2 1/16"	5377'	

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

Test After Acid or Fracture Treatment: 3434 MCF/Day; Hours flowed 3

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

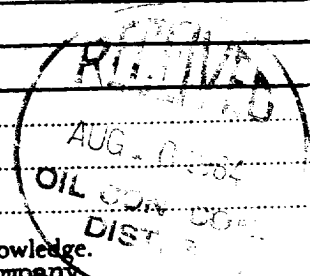
Acid or Fracture Treatment (Give amounts of materials used, such as acid, water, oil, and sand): 63,850 gal. water, 62,000# sand.

Casing Press. 975, Tubing Press. 975, Date first new oil run to tanks _____

Oil Transporter El Paso Natural Gas Company

Gas Transporter El Paso Natural Gas Company

Remarks: See Back



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

Approved. AUG 10 1964, 19.....

El Paso Natural Gas Company

(Company or Operator)

OIL CONSERVATION COMMISSION

By: Original Signed Emery C. Arnold

Title Supervisor Dist. # 3

By: ORIGINAL SIGNED E. S. OBERLY
(Signature)

Title Petroleum Engineer

Send Communications regarding well to:
E. S. Oberly

Name _____

Address Box 990, Farmington, New Mexico

- 7-17-64 Unable to pull tubing. Cut at 4825' w/McCullough chemical cutter, laid down 156 joints.
- 7-18-64 Set cement retainer at 4625', squeezed open shot hole w/200 sks. regular, 1/8# Flocele, 2% calcium chloride, followed by 100 sks. regular, 1/8# Flocele, 12% and 2% calcium chloride, final squeeze pressure 3000#. Found bad section in casing from 650' to 760', set Baker fullbore at 941' pressured up to 1000#, pressure held. Set fullbore at 606'. Pressured up to 1000# on backside, squeezed bad section w/100 sks. 50/50 Pozmix, 1/8# Flocele, 2% calcium chloride.
- 7-19-64 Drilled plug and cement to 4786'. Opened whipstock hole w/4 3/4" core head from 4786' to 4809'.
- 7-20-64 Reamed 4 3/4" whipstock hole to 5 5/8". Laid down reamer. Drilling w/gas.
- 7-23-64 Drilled to 5478'. Ran 168 joints 4 1/2", 10.50#, J-55 casing (5467') set at 5478' w/175 sks. 50/50 Pozmix, 4% gel, 1/8# Flocele/sk, preceded cement w/40 bbls. gel water. Top of cement at 4150'.
- 7-24-64 Pressured casing to 3500#, ran McCullough correlation log. Perf. w/3 1/8" Super Dyna Jetr 4943-49, 4964-70, 4988-94, 5366-72 w/2 SPF, 5413-25 w/1 SPF, frac w/63,850 gallons water 2# FR-8/1000 gal., 65,000# 20/40 sand, max. pr. 3500#, BDP 3500#, tr. pr. 2650-3500#. Dropped 3 sets of 12 balls each. Balled off on third drop, released balls and flushed w/3625 gallons water. I.R. 39.6 BPM. ISIP 1600#, 5 Min. SIP well on vacuum.
- 7-27-64 Ran 164 joints 2 1/16", 3.25#, J-55 tubing (5376.64') landed at 5386.64'.
- 8-3-64 Date well was tested.