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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

**REWORK
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 September 10, 1962
(Place) (Date)

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

El Paso Natural Gas Company Schwerdtfeger Well No. 2(OWO) in SW NE
(Company or Operator) (Lease)

G Sec. 27 T. 31-N R. 9-W NMPM. Blanco Mesa Verde Pool
Unit Letter Re-Comp. 7-14-62
San Juan County Date Spudded 4-29-52 Date Drilling Completed 6-16-52

Please indicate location:

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

1750'N, 1650'E

(FOOTAGE)

Tubing, Casing and Cementing Record

Size	Feet	Sax
9 5/8"	281	200
7"	4652	300
4 1/2"	5423	125
2 3/8"	5391	

Elevation 6213 DF, 6208 G Total Depth 5435 BPTD 5426

Top Oil/Gas Pay 4904 Perf Name of Prod. Form. Mesa Verde

PRODUCING INTERVAL - 4904-10; 4934-40; 4950-56; 5422-16;
5392-86; 5356-50; 5334-28; 5292-86;

Perforations Depth Depth
Open Hole None Casing Shoe 5434 Tubing 5296

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: 4895 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): 50,000 gallons water, 50,000# sand; 30,000# sand, 30,000 gallons

Casing Press. 897 Tubing Press. 895 Date first new oil run to tanks _____

Oil Transporter El Paso Natural Gas Products Company

Gas Transporter El Paso Natural Gas Company

Remarks: See Workover on attached sheet.

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

Approved _____, 19_____

El Paso Natural Gas Company
(Company or Operator)

OIL CONSERVATION COMMISSION

By: _____

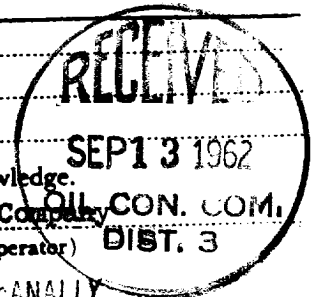
Title _____

By: ORIGINAL SIGNED H.E. McANALLY
(Signature)

Title Petroleum Engineer

Name Send Communications regarding well to:
E. S. Oberly

Address Box 990, Farmington, New Mexico



Workover - Schwerdtfeger #2

Location - 1750' N, 1650' E, T-31-N, R-9-W, San Juan County, New Mexico.

- 6-13-62 Rigged up S. S. Reames Well Service.
6-14-62 Pulled 105' 2" tubing. Recovered 8 more joints and 1 10' pup joint, total footage recovered 258'.
6-15-62 Top of fish @ 827'. Shot off tubing @ 4820'. Recovered 129 jts.
6-16-62 Set Baker Mag. Model "K" Cement retainer @ 4570'. Cemented w/300 sacks regular, 4% gel, 1/4# flocele, 1/8# tuffplug/sk., followed by 100 sacks regular w/10% 10-20 sand. Pumped in at 1200#, lacked 6 bbls. displacing D.P. when pressure went to 2350#. Unseated from retainer and did not attempt to reverse out because of hole in 7" casing.
6-18-62 Mudded up to 4684'.
6-19-62 Set whipstock @ 4687', drilling. Pulled whipstock.
6-21-62 Set Baker Mag. Model "k" retainer @ 4600'. Cemented w/300 sacks regular, 4% gel, 1/4# flocele/sk., 1/8# tuffplug/sk., followed by 100 sacks regular w/10% 10-20 sand.
6-20-62 Drilling on cement. Cleaned out to 4682'.
6-23-62 Set #2 whipstock @ 4683'. Drilling off whipstock to 4701'.
6-24-62 Drilled to 4716'.
6-25-62 Drilling.
6-26-62 Ran 61/8" O.D. Bowen O.S. w/4 7/8" spiral grapples. Unable to get enough hold to pull fish. Went in w/long taper top. Unable to screw into fish.
6-27-62 Fishing. No results.
6-28-62 Top of fish @ 4689'. Set whipstock #3 @ 4734'.
6-29-62 Drilling
7-2-62 Drilling.
7-5-62 Drilling & Reaming.
7-7-62 Lost 8 4 5/8" drill collars in hole & totco instrument.
7-8-62 Fishing, recovered 8 drill collars & totco instruments.
7-9-62 Drilling
7-12-62 Lost circulation at 5415'.
7-14-62 Ran 172 joints 4 1/2" 10.5# J-55 casing (5423') set at 5434'. Cemented w/125 sacks regular, 4% gel, 1/8# flocele/sk. 1/4# fine tuffplug/sk. Ran temperature survey @ 4790'.
7-16-62 Perf 5422-16; 5392-86; 5356-50; 5334-28; 5292-86 (2 SPF) Frac w/50,000 gallons water, 50,000# sand. I.R. 37.5 BPM. Max pr 4200#, BDP 800#, tr pr 2200-2300-3500-4200#, 3 drops of 12 balls. Set Mag. Bridge Plug @ 5010', Pressure 2500-0#, Set B.P. @ 5008', pumped by 14 BPM @ 1200#. Set full bore packer @ 2500'. held 1700# O.K. Set packer @ 5004', held 1700#, O.K. Pumped past 9 BPM @ 1000#. Blowing @ 5008'.
7-17-62 Drilled up Bridge Plugs. Blowing well.
7-18-62 Perf 4904-4910, pressured up. Had returns to surface outside of 4 1/2" casing. Cemented w/100 sacks regular, 2% calcium chloride, full returns to surface.
7-19-62 Perf 4904-10; 4934-40; 4950-56 (2 SPF); Frac w/30,000 gal water, 30,000# sand. Flus w/3500 gallons. I.R. 47 BPM. Max pr 2600#, BDP 2600#, Max pr 2500#, tr pr 1800-2600#. 3 drops of 12 balls.
7-20-62 Blowing.
7-21-62 Ran 172 joints 2 3/8" 4.7#, J-55 tubing (5384') set at 5396'. Shut in for test.
8-1-62 Date well was tested.