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NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104
Supersedes Old C-104 and C-110
Effective 1-1-65

I.

Operator El Paso Natural Gas Company		
Address Box 990, Farmington, New Mexico		
Reason(s) for filing (Check proper box)		Other (Please explain)
New Well <input type="checkbox"/>	Change in Transporter of: Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/>	See Workover details on Back
Recompletion <input checked="" type="checkbox"/>	Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>	
Change in Ownership <input type="checkbox"/>		

If change of ownership give name
and address of previous owner _____

II. DESCRIPTION OF WELL AND LEASE

Lease Name Hughes	Well No. 1	Pool Name, Including Formation Blanco Mesa Verde	Kind of Lease State, Federal or Fee <input checked="" type="checkbox"/>	Lease No.
Location				
Unit Letter N ; 990 Feet From The South Line and 990 Feet From The West				
Line of Section 19 Township 29N Range 8W , NMPM, San Juan County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)					
El Paso Natural Gas Company	Box 990, Farmington, New Mexico					
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)					
El Paso Natural Gas Company	Box 990, Farmington, New Mexico					
If well produces oil or liquids, give location of tanks.	Unit M	Sec. 19	Twp. 29N	Rge. 8W	Is gas actually connected? <input type="checkbox"/>	When

If this production is commingled with that from any other lease or pool, give commingling order number: _____

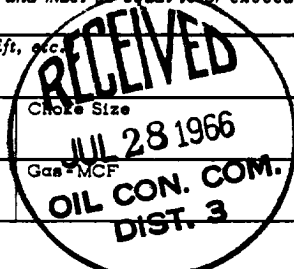
IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	
Date Spudded W/O 6-29-66	Date Compl. Ready to Prod. 7-19-66	Total Depth 5488 (sidetrack)	P.B.T.D. C.O. 5460'					
Elevations (DF, RKB, RT, GR, etc.) 6464' GL	Name of Producing Formation Mesa Verde	Top XX /Gas Pay 4656	Tubing Depth 5449'					
Perforations 4656-61, 4683-88, 4725-30, 4750-65, 5330-34, 5362-70, 5436-40			Depth Casing Shoe 5488					
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			
17 1/4"	13 3/8"		127'		100 Sks.			
	7"		5146'		300 Sks.			
6 1/4"	4 1/2"		5488'		115 Sks.			

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL

(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF



GAS WELL

Actual Prod. Test-MCF/D 5979 MCF/D	Length of Test 3 Hours	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pitot, back pr.) Calculated A.O.F.	Tubing Pressure (Shut-in) 81.615	Casing Pressure (Shut-in) 84.8	Choke Size 3/4"

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Original Signed F. H. WOOD

(Signature)

Petroleum Engineer

(Title)

July 22, 1966

(Date)

OIL CONSERVATION COMMISSION

JUL 28 1966

APPROVED _____, 19____

BY Original Signed by A. R. Kendrick

TITLE PETROLEUM ENGINEER DIST. NO. 3

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiply completed wells.

WORKOVER

6-29-66 Rigged up Dwinell Bros. rig #1, pulled tubing, set bridge plug at 4630', tested 7" casing to 1000#, held O. K.

6-30-66 Perf. 2 squeeze holes at 2070', set cement retainer at 1947', squeezed thru perfs. w/100 sacks regular cement w/3% calcium chloride, standing pressure 850#. Drilled out cement, tested to 500# O. K.

7-1-66 Drilled bridge plug. Cleaning out.

7-2-66 Cleaned out. Ran logs. Hole enlarged greater than 16" (tool maximum) from 5212 - 5309'.

7-3-66 Set cement retainer at 5050', cemented open hole w/300 sacks regular cement, 2% gel, 1/4 cu. ft. fine Gilsonite/sk., followed by 100 sacks regular cement, 15% sand, 2% calcium chloride. Cement on vacuum. Re-cemented w/150 sacks regular cement, 15% sand, 2% calcium chloride. Final pressure 3500#. Dumped 9 bbls. slurry on plug. Ran fullbore packer and set at 2145', held 1000# above, pumped in below, set packer at 4625', held 1000# above, pumped in below. Spotted 100 sacks regular cement over interval 4625-4822'. Max. pr. 950#, standing pressure 450#.

7-4-66 Casing leaked on test. Re-set retainer at 4625', squeezed hole in 7" casing w/100 sacks regular cement, 2% HA-5, cleared tool and staged to standing pressure of 2000#. W.O.C. 12 hours, cleaned out and tested casing O. K.

7-5-66 Drilling out cement and retainers.

7-6-66 Drilled 4 1/4" sidetrack hole 5162-5186'. Reamed 4 1/4" hole to 6 1/4" 7° at 5183', drilling w/gas, 5 1/2° at 5200'.

7-7-66 Reached total depth of 5488', 5° at 5260', 4 1/4° at 5444'. Ran logs.

7-8-66 Ran 172 joints 4 1/2", 10.5#, J-55 casing (5477.74') set at 5487.74' w/115 sacks Class "A" cement, 4% gel, 1/4 cu. ft. fine Gilsonite/sk. Preceded w/15 bbls. gel water.

7-9-66 Tested casing to 4000# O. K. Perf. Point Lookout 5260-68, 5306-14' w/2 SPF; 5330-34' w/4 SPF; 5362-70' w/2 SPF; 5436-40' w/4 SPF, frac w/48,000# 20/40 sand, 52,340 gallons water w/2# FR-8/1000 gal. Max. pr. 4000#, BDP 3200#, tr. pr. 1800-2000-2500#. I.R. 61 BPM, dropped 4 sets of 16 balls each, flushed w/4740 gallons water. ISIP -0-. Dropped plug, plug locked in at 4797', tested 4750-65' w/20 holes, frac w/40,000# 20/40 sand, 31,610 gallons of water w/2# FR-8/1000 gal., max. pr. 4000#, BDP 900#, tr. pr. 1900-2112-2400#. I.R. 58.5 BPM. Dropped 3 sets of 20 balls each, flushed w/3220 gallons of water. ISIP 400#, 5 Min. SIP 200#.

7-10-66 Blowing well, drilling plugs.

7-11-66 Ran 184 joints 2 3/8", 4.7#, J-55 tubing (5438.61') landed at 5448.61', pin collar at 5447.46', tubing open ended on bottom.

7-19-66 Date well was tested.