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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:	See Back for Details
Recompletion <input checked="" type="checkbox"/>	Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/>	
Change in Ownership <input type="checkbox"/>	Casinghead Gas <input type="checkbox"/> Condensate <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. 5	Pool Name, Including Formation Blanco Mesa Verde	Kind of Lease State, Federal or Fee <input checked="" type="checkbox"/>	Lease No. ST 078046
Location				
Unit Letter N	990	Feet From The South	Line and 1650	Feet From The West
Line of Section 21	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) 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) Box 990, Farmington, New Mexico					
If well produces oil or liquids, give location of tanks.	Unit N	Sec. 21	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 11-2-66	Date Compl. Ready to Prod. W/O 11-21-66	Total Depth 5498'		P.B.T.D. 5470'					
Elevations (DF, RKB, RT, GR, etc.) 6435' GL	Name of Producing Formation Mesa Verde	Top Gas Pay 4665'		Tubing Depth 5355					
Perforations 4665-75, 4706-14, 4728-38, 4796-4806, 5300-08, 5323-31, 5348-54, 5375-81		Depth Casing Shoe 5498'							
TUBING, CASING, AND CEMENTING RECORD									
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT				
12 1/4"	9 5/8"		173'		130				
8 3/4"	7"		4595'		300				
6 1/8"	4 1/2"		5498'		135				
	2 3/8"		5355'		Tubing				

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 6527	Length of Test 3 Hours	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pitot, back pr.) Calculated A.O.F.	Tubing Pressure (shut-in) 844	Casing Pressure (shut-in) 797	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 by
Carl E. Matthews

(Signature)

Petroleum Engineer

(Title)

12-7-66

(Date)

OIL CONSERVATION COMMISSION

APPROVED **DEC 9 1966**, 19

BY **Original Signed by Emery C. Arnold**

TITLE **SUPERVISOR DIST. #8**

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

11-2-66 Rigged up Dwinell Bros. rig #1. Pulled 70,000# on tubing. Cut stuck tubing at 4703', still stuck, cut at 4636', still stuck and cut at 4500'. Put 1500# pressure on annulus and tubing came free, pulled tubing. Perf. 2 squeeze holes at 4420', set cement retainer at 4398'. Pressured up to 2000# on annulus and could not pump down tubing with 6000#. Spotted 25 sacks Class "A" cement w/15% sand and .75% TIC on top of retainer and filled to 4275'.

11-3-66 Perf. 2 squeeze holes in 7" casing at 2150'. Set cement retainer at 2033'., squeezed through perms w/75 sacks cement w/15% sand and 3/4 of 1% TIC, 2% calcium chloride, followed by 200 sacks Class A cement, 3% calcium chloride. Final pump pressure 700#, held 500#. W.O.C.

11-4-66 Drilled out cement to 4326', milling window in 7" casing.

11-5-66 Top of window at 4305', bottom of window at 4318'. Drilling 6 1/8" whipstock hole w/gas. 6° at 4348'.

11-6-66 Drilling w/gas, 6 1/2° at 4398', 5 1/2° at 4480', 4 3/4° at 4542'.

11-7-66 Drilled to total depth of 5498', 2° at 5030'.

11-8-66 Total depth 5498', ran 174 joints 4 1/2", 10.5#, J-55 casing (5488') set at 5498' w/135 sacks cement, W.O.C. 18 hours, tested w/4000# O. K.

11-9-66 Perf. Point Lookout 5300-08, 5323-31, 5348-54, 5375-81' w/18 SPZ. Frac w/50,000# 20/40 sand, 53,120 gallons of water. Max. pr. 3600#, BDP 2900#, tr. pr. 1700-1850-1900#. I.R. 58 BPM, dropped 3 sets of 18 balls each, flushed w/3600 gallons of water. ISIP -0-. Set bridge plug at 4850', tested w/3500# O. K. Perf. Cliff House 4665-75, 4706-14, 4728-38, 4796-4806 w/20 SPZ. Frac w/32,000# 20/40 sand, 32,320 gallons of water. Max. pr. 2900#, BDP 1600#, tr. pr. 1900-2200#. I.R. 55 BPM. dropped 3 sets of 20 balls each, flushed w/3100 gal. water. ISIP 600#, 5 Min. 500#.

11-10-66 Blowing well.

11-11-66 Blowing well.

11-12-66 Ran 173 joints 2 3/8", 4.7#, J-55 tubing (5345') landed at 5355'. Pin collar and SN on bottom.

11-21-66 Date well was tested.