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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 Mesa Petroleum Co.	
Address P. O. Box 2009 Amarillo, Texas 79105	
Reason(s) for filing (Check proper box)	
New Well <input checked="" type="checkbox"/>	Change in Transporter of:
Recompletion <input 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"/>
Other (Please explain)	

If change of ownership give name  
and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name Suter	Well No. 3A	Pool Name, including Formation Blanco (Mesaverde)	Kind of Lease State, Federal or Fee Fee	Lease No.
Location				
Unit Letter 0 ; 990 Feet From The South Line and 1850 Feet From The East				
Line of Section 14 Township 32N Range 11W , 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)					
Inland Corporation	P. O. Box 1528 Farmington, N. M.					
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 Co.	P. O. Box 990, Farmington, N. M.					
If well produces oil or liquids, give location of tanks.	Unit 0	Sec. 14	Twp. 32N	Rge. 11W	Is gas actually connected? No	When 5-14-75

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.
		X	X					
Date Spudded 2-23-75	Date Compl. Ready to Prod. 4-30-75		Total Depth 5500' K. B.		P.B.T.D. 5482' K. B.			
Elevations (DF, RKB, RT, GR, etc.) 6274' K. B.	Name of Producing Formation Mesaverde		Top Oil/Gas Pay 4530		Tubing Depth 5460'			
Perforations 4530'-5464'					Depth Casing Shoe 5495'			

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
13-3/4	10-3/4"	165	125 sx
8-3/4	7"	3250	165 sx
4-1/2	4-1/2"	5495	290 sx
	2-3/8"	5460	

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 greater than 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
Actual Prod. During Test	Oil-Bbls.	Water-Bbls.	Gas-MCF

GAS WELL

Actual Prod. Test-MCF/D 3525	Length of Test 3 hr	Bble. Condensate/MMCF ----	Gravity of Condensate ----
Testing Method (pitot, back pr.) Back pressure	Tubing Pressure (shut-in) 746 psig	Casing Pressure (shut-in) 746 psig	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.

R. J. Flaker  
(Signature)  
Prod. Engr.  
(Title)  
5-9-75  
(Date)

OIL CONSERVATION COMMISSION

APPROVED MAY 23 1975  
Original Signed by Emery G. Arnold  
SUPERVISOR DIST. #3  
TITLE \_\_\_\_\_

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.

4 - state

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Form C-105  
Revised 1-1-65

# NEW MEXICO OIL CONSERVATION COMMISSION WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease  
State ☐ Fee ☒

5. State Oil & Gas Lease No.

1a. TYPE OF WELL  
OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER \_\_\_\_\_

b. TYPE OF COMPLETION  
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER \_\_\_\_\_

7. Unit Agreement Name

8. Farm or Lease Name  
**Suter**

9. Well No.  
**#3A**

10. Field and Pool, or Wildcat  
**Blanco (Mesaverde)**

2. Name of Operator  
**Mesa Petroleum Co.**

3. Address of Operator  
**P. O. Box 2009 Amarillo, Texas 79105**

4. Location of Well  
UNIT LETTER **0** LOCATED **990** FEET FROM THE **South** LINE AND **1850** FEET FROM  
THE **East** LINE OF SEC. **14** TWP. **32N** RGE. **11W** NMFM

12. County  
**San Juan**

15. Date Spudded <b>2/23/75</b>	16. Date T.D. Reached <b>3/11/75</b>	17. Date Compl. (Ready to Prod.) <b>4/30/75</b>	18. Elevations (DF, RKB, RT, GR, etc.) <b>6274' KB</b>	19. Elev. Casinghead <b>6261'</b>
20. Total Depth <b>5500' KB</b>	21. Plug Back T.D. <b>5482' KB</b>	22. If Multiple Compl., How Many	23. Intervals Drilled By	23. Intervals Drilled By

24. Producing Interval(s), of this completion - Top, Bottom, Name  
**4530' - 5464' Mesaverde**

25. Was Directional Survey Made  
**Yes**

26. Type Electric and Other Logs Run  
**IES, IL & Formation Density**

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
10 3/4"	32	165'	13 3/4"	125 sxs	
7"	23	3250'	8 3/4"	165 sxs	
4 1/2"	10.5	5495'	6 1/4"	290 sxs	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
4 1/2"	3065'	5495'	290	

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 3/8"	5460'	None

31. Perforation Record (Interval, size and number)  
**5278'-86' (8); 5316'-20' (4); 5366'-68' (2); 5382'-84' (2); 5402'-04' (2); 5458'-64' (6); 4530'-36' (6); 4635'-37' (2); 4844'-50' (6); 4862'-64' (2); 4874'-82' (8); 4900-08' (8)**

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5278'-5464'	60,000 Gal & 105,000# sand
4530'-4908'	80,000 Gal & 140,000# Sand

33. PRODUCTION

Date First Production **4/30/75** Production Method (Flowing, gas lift, pumping - Size and type pump) **Flowing** Well Status (Prod. or Shut-in) **Shut-In**

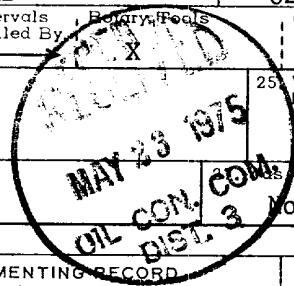
Date of Test <b>5/9/75</b>	Hours Tested <b>3 hrs.</b>	Choke Size <b>3/4"</b>	Prod'n. For Test Period <b>-----</b>	Oil - Bbl. <b>-----</b>	Gas - MCF <b>422 MCF</b>	Water - Bbl. <b>-----</b>	Gas - Oil Ratio <b>-----</b>
Flow Tubing Press. <b>273 psig</b>	Casing Pressure <b>648 psig</b>	Calculated 24-Hour Rate <b>-----</b>	Oil - Bbl. <b>-----</b>	Gas - MCF <b>3379 MCF/D</b>	Water - Bbl. <b>-----</b>	Oil Gravity - API (Corr.) <b>-----</b>	

34. Disposition of Gas (Sold, used for fuel, vented, etc.) **Vented** Test Witnessed By **Bill Toler**

35. List of Attachments

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED **R.J. Flaker** TITLE **Prod. Engr.** DATE **5/16/75**



*Handwritten notes and signatures at the bottom of the page.*