

Dist 5 Copies
Appropriate District Office
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

State of New Mexico
Geology, Minerals and Natural Resources Department

Form C-104
Revised 1-1-89
See Instructions
at Bottom of Page

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

SEP 01 1989 Santa Fe, New Mexico 87504-2088

REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Operator Murchison Oil & Gas, Inc.	Well API No.
Address 717 N. Harwood Street, Suite 2500, Lock Box 86, Dallas, Texas 75201	
Reason(s) for Filing (Check proper box) <input type="checkbox"/> Other (Please explain)	
New Well <input type="checkbox"/>	Change in Transporter of:
Recompletion <input type="checkbox"/>	Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/>
Change in Operator <input checked="" type="checkbox"/>	Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>
If change of operator give name and address of previous operator Mesa Operating Limited Partnership, P. O. Box 2009, Amarillo, TX 79189	

II. DESCRIPTION OF WELL AND LEASE

Lease Name Nash Unit	Well No. 1	Pool Name, Including Formation Nash Draw Morrow	Kind of Lease State, Federal or Fee	Lease No. K6600
Location Unit Letter H : 1980 Feet From The North Line and 660 Feet From The East Line Section 13 Township 23S Range 29E , NMPM , Eddy 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"/> Navajo Crude Oil Purchasing	Address (Give address to which approved copy of this form is to be sent) P. O. Drawer 159, Artesia, NM 88240	
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/> Transwestern Pipeline Co.	Address (Give address to which approved copy of this form is to be sent) P. O. Box 2521, Houston, TX 77001	
If well produces oil or liquids, give location of tanks.	Unit H	Sec. 13
	Twsp. 23	Rge. 29
	Is gas actually connected? Yes	When? 5/28/75

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
Date Spudded	Date Compl. Ready to Prod.		Total Depth		P.B.T.D.			
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay		Tubing Depth			
Perforations					Depth Casing Shoe			
TUBING, CASING AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			

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 Tank	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	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

VI. OPERATOR CERTIFICATE OF COMPLIANCE

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

Signature Michael S. Daugherty
Printed Name **Michael S. Daugherty, Production Engineer**
Date 9-12-89 Telephone No. (214) 953-1414

OIL CONSERVATION DIVISION

Date Approved **SEP 27 1989**

By ORIGINAL SIGNED BY

MIKE WILLIAMS

Title SUPERVISOR, DISTRICT II

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
- 4) Separate Form C-104 must be filed for each pool in multiply completed wells.

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

RECEIVED
OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088
SEP 5 1989

Form C-105
Revised 1-1-89

O. C. D.

ARTESIA OFFICE

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:
OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐

b. Type of Completion:
NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☒ DIFF RESVR ☐ OTHER ☐

2. Name of Operator
MESA OPERATING LIMITED PARTNERSHIP

3. Address of Operator
P.O. BOX 2009, AMARILLO, TEXAS 79189

4. Well Location
Unit Letter H : 1980 Feet From The North Line and 660 Feet From The East Line

Section 13 Township 23S Range 29E NMPM Eddy County

10. Date Spudded 6/18/88 11. Date T.D. Reached NA 12. Date Compl. (Ready to Prod.) Never Produced 13. Elevations (DF & RKB, RT, GR, etc.) 3005' GR 14. Elev. Casinghead

15. Total Depth 13,845' 16. Plug Back T.D. 6800' 17. If Multiple Compl. How Many Zones? 18. Intervals Drilled By NA 19. Producing Interval(s), of this completion - Top, Bottom, Name 4780'-4942' Cherry Canyon 20. Was Directional Survey Made NA

21. Type Electric and Other Logs Run GR -CCL-CBL 22. Was Well Cored NA

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

CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
10 3/4"	40.5	3325'	15"	1113+200+315	none
7 5/8"	26.4 - 39	10908'	9 1/2"	600+200+550+100	none

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
5"	10551'	13845'	650		2 3/8"	4858'	4858'
26. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.							

26. Perforation record (interval, size, and number)	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4936'-42' 4 SPF	4780'-4942'	1000 SHA 7 1/2%
4780'-84' 4 SPF		

PRODUCTION

28. Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
NA		Never Produced				SI	
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	
29. Disposition of Gas (Sold, used for fuel, vented, etc.)						Test Witnessed By	

30. List Attachments

31. 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

Signature Carolyn L. McKee Printed Name Carolyn L. McKee Title Regulatory Analyst Date 8/29/89

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

T. Anhy _____	T. Canyon _____
T. Salt _____	T. Strawn _____
B. Salt _____	T. Atoka _____
T. Yates _____	T. Miss _____
T. 7 Rivers _____	T. Devonian _____
T. Queen _____	T. Silurian _____
T. Grayburg _____	T. Montoya _____
T. San Andres _____	T. Simpson _____
T. Glorieta _____	T. McKee _____
T. Paddock _____	T. Ellenburger _____
T. Blinebry _____	T. Gr. Wash _____
T. Tubb _____	T. Delaware Sand _____
T. Drinkard _____	T. Bone Springs _____
T. Abo _____	T. _____
T. Wolfcamp _____	T. _____
T. Penn _____	T. _____
T. Cisco (Bough C) _____	T. _____

Northwestern New Mexico

T. Ojo Alamo _____	T. Penn. "B" _____
T. Kirtland-Fruitland _____	T. Penn. "C" _____
T. Pictured Cliffs _____	T. Penn. "D" _____
T. Cliff House _____	T. Leadville _____
T. Menefee _____	T. Madison _____
T. Point Lookout _____	T. Elbert _____
T. Mancos _____	T. McCracken _____
T. Gallup _____	T. Ignacio Otzite _____
Base Greenhorn _____	T. Granite _____
T. Dakota _____	T. _____
T. Morrison _____	T. _____
T. Todilto _____	T. _____
T. Entrada _____	T. _____
T. Wingate _____	T. _____
T. Chinle _____	T. _____
T. Permian _____	T. _____
T. Penn "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....
No. 2, from.....to.....
No. 3, from.....to.....
No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.
No. 1 from

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

LITHOLOGY RECORD

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology
			NA



GARREY CARRUTHERS
GOVERNOR

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
ARTESIA DISTRICT OFFICE

P.O. DRAWER DD
ARTESIA, NEW MEXICO 88210
(505) 748-1283

March 6, 1989

Mesa Operating Limited Partnership
P.O. Box 2009
Amarillo, TX 79189

RE: Nash Unit #1
13-23S-29E
Cherry Canyon

Gentlemen:

In updating our records we find that the last report we received on the above well was dated June 29, 1988. In that report you had plugged back and perf'd the Upper Cherry Canyon. As of this date we have not received any subsequent reports. Please submit all necessary reports including the completion, deviation survey and logs run.

Thank you for your prompt attention to this matter.

Sincerely,

A handwritten signature in cursive script, appearing to read "Mike Williams".

Mike Williams
Supervisor, District II

MW/cw

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	<input checked="" type="checkbox"/>
FILE	<input checked="" type="checkbox"/>
U.S.G.S.	<input checked="" type="checkbox"/>
LAND OFFICE	<input checked="" type="checkbox"/>
OPERATOR	<input checked="" type="checkbox"/>

OIL CONSERVATION DIVISION
P.O. BOX 2088
SANTA FE, NEW MEXICO 87501

RECEIVED

5a. Indicate Type of Lease
State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5. State Oil & Gas Lease No.
K 6600

SUNDRY NOTICES AND REPORTS ON WELLS 30'88
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK EXISTING RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER- <input type="checkbox"/>	7. Unit Agreement Name
2. Name of Operator Mesa Operating Limited Partnership	8. Farm or Lease Name NASH UNIT
3. Address of Operator P.O. Box 2009, Amarillo, Texas 79189	9. Well No. 1
4. Location of Well UNIT LETTER H, 1980' FEET FROM THE north LINE AND 660 FEET FROM THE east LINE, SECTION 13 TOWNSHIP 23S RANGE 29E NMPM.	10. Field and Pool, or Wildcat Cherry Canyon
15. Elevation (Show whether DF, RT, GR, etc.) 3005' GR	12. County Eddy

16.

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐
PULL OR ALTER CASING ☐
OTHER ☐

PLUG AND ABANDON ☐
CHANGE PLANS ☐
OTHER ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐
COMMENCE DRILLING OPNS. ☐
CASING TEST AND CEMENT JOB ☐
OTHER Commence Plug Back (Set plugs & Perf) ☒

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

MI & RU completion unit on 6/14/88. RIH w/jet cutter; jet cutter stopped @ 12,104'; received permission from Johnny Robinson, NMOCD on 6/15/88 to cut @ 12,103' and to omit dumping 35' cement on top of packer. Cut 2 7/8" tubing @ 12,103'. WIH & set CIBP @ 12,100'; dump bailed 35' of cement on top of CIBP. Set CIBP @ 11,405' and dumped 35' cement on top. PBD 11,370'. Set 7 5/8" CIBP @ 10,400' with 35' cement on top. RU Western, displaced hole with 326 bbls brine water. Tested 7 5/8" csg to 3000 psi (OK). Set 200' balanced plug from 8400'-8600' with 50 sx Class H. Mike Stubblefield with NMOCD on location. Set 200' balanced cement plug from 7000'-6800' with 50 sx Class "H". Ran GR-CCL-CBL log. Perf'd the Upper Cherry Canyon from 4936'-42' w/4 SPF; and 4780'-84' w/4 SPF. Acidized the Cherry Canyon perms from 4780'-4942' with 1000 gals SHA 7 1/2% NEFe acid. Current operations: Swabbing

Post EO-2
7-8-88
PWA Mor.

xc: NMOCD-A (0+2), Prod Rcds, Reg, Land, Expl., Partners

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

SIGNED <u>Cathy Cummings</u>	TITLE <u>Regulatory Analyst</u>	DATE <u>6/29/88</u>
APPROVED BY <u>Mike Williams</u>	TITLE <u>Oil & Gas Inspector</u>	DATE <u>JUN 30 1988</u>
CONDITIONS OF APPROVAL, IF ANY:		

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-101
Revised 10-1-78

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	<input checked="" type="checkbox"/>
FILE	<input checked="" type="checkbox"/>
U.S.G.S.	<input checked="" type="checkbox"/>
LAND OFFICE	<input checked="" type="checkbox"/>
OPERATOR	<input checked="" type="checkbox"/>

RECEIVED

MAY 31 '88

O. C. D.

5A. Indicate Type of Lease
STATE ☒ FEE ☐
5. State Oil & Gas Lease No.
K6600

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> 2. Name of Operator Mesa Operating Limited Partnership 3. Address of Operator P.O. Box 2009, Amarillo, Texas 79189 4. Location of Well UNIT LETTER <u>H</u> LOCATED <u>1980</u> FEET FROM THE <u>north</u> LINE AND <u>660</u> FEET FROM THE <u>east</u> LINE OF SEC. <u>13</u> TWP. <u>23S</u> RGE. <u>29E</u> NMPM 19. Proposed Depth 6800' PBTD 19A. Formation Cherry Canyon 20. Rotary or C.T. NA 21. Elevations (Show whether DF, RT, etc.) 3005' 21A. Kind & Status Plug. Bond Blanket 21B. Drilling Contractor NA 22. Approx. Date Work will start June 10, 1988		7. Unit Agreement Name NA 8. Farm or Lease Name NASH UNIT 9. Well No. 1 10. Field and Pool, or Wildcat Cherry Canyon 12. County Eddy
---	--	---

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
15"	10 3/4"	40.5#	3325'	1113+200+315	surface
9 1/2"	7 5/8"	26.4 to 39#	10908'	600+200+550+100	3920'
6 1/2"	5"	23#	10551 - 13845'	650	liner

Propose to plug back to the Cherry Canyon formation as follows: MI & RU completion unit. Dump 35' cement on top of Baker Lok Set pkr @ 12,590' to isolate the Morrow perfs, (13,175'-13,776'). Set CIBP @ 12,100' and dump 35' cement on top to isolate the Strawn perfs (12,138'-12,150'). Fill hole with 10 ppg brine, test casing to 3000 psi. Set 50 sx Class "H" balanced cement plug from 8400-8600'. Set 50 sx Class "H" balanced cement plug from 6800'-7000'. Displace hole with 2% KCL. Set packer @ ±4865' test packer to 1500 psi. Perforate Cherry Canyon from 4936'-4942' w/4 SPF, 24 holes, and stimulate if necessary with 600 gals 7 1/2% MSR 100. If unproductive, set packer @ ±4925' and dump bail 35' cement on top. Set pkr @ ±4715' and perforate the Cherry Canyon from 4780'-84' w/4 SPF, 16 holes. RIH w/2 3/8" 4.7#/ft, J-55 8 Rd EUE or 2 7/8" 7.9#/ft C-75 PH-6 tubing and return well to production.

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 11/30/88
UNLESS DRILLING UNDERWAY

xc: NMOCD-A (0+2), Prod Rcds, Reg. Land, Expl., Partners

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE FLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed Carolyn Cummings Title Regulatory Analyst Date 5/26/88

(This space for State Use)
Original Signed By
Mike Williams
Oil & Gas Inspector

APPROVED BY _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: Need to set 25 sx cmt e 11,800+ 10,440

JUN 9 1988

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-102
Revised 10-1-78

All distances must be from the outer boundaries of the Section.

Operator Mesa Operating Limited Partnership			Lease NASH UNIT		Well No. 1
Unit Letter H	Section 13	Township 23S	Range 29E	County Eddy	
Actual Footage Location of Well: 1980 feet from the north line and 660 feet from the east line					
Ground Level Elev. 3005'	Producing Formation Cherry Canyon		Pool Wildcat		Dedicated Acreage: E 1/2 320 acres Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes," type of consolidation Unitization

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division.

Coquina Oil Corp.	Ralph Lowe Estate	T. H. McElvain, Jr.
		1980'
		660'
	U.S.A.	State
	Amoco	
U.S.A.	U.S.A.	

CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name

Carolyn L. Cummings

Position

Regulatory Analyst

Company

Mesa Operating Ltd Partnership

Date

May 26, 1988

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

Registered Professional Engineer and/or Land Surveyor

Certificate No.

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

RECEIVED BY

FEB 12 1986

O. C. D.
ARTESIA OFFICESTATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

NO. OF COPIES DESIRED	
DISTRIBUTION	
SANTA FE	<input checked="" type="checkbox"/>
FILE	<input checked="" type="checkbox"/>
U.S.G.S.	<input type="checkbox"/>
LAND OFFICE	<input type="checkbox"/>
TRANSPORTER	<input checked="" type="checkbox"/>
OPERATOR	<input checked="" type="checkbox"/>
PRODUCTION OFFICE	<input type="checkbox"/>

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-104
Revised 10-01-78
Format 08-01-83
Page 1REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Operator Mesa Operating Limited Partnership	
Address P.O. Box 2009, Amarillo, Texas 79189	
Reason(s) for filing (Check proper box)	Other (Please explain)
<input type="checkbox"/> New Well <input type="checkbox"/> Recompletion <input checked="" type="checkbox"/> Change in Ownership	Change in Transporter of: <input type="checkbox"/> Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/> Casinhead Gas <input type="checkbox"/> Condensate

If change of ownership give name and address of previous owner: Mesa Petroleum Co., P.O. Box 2009, Amarillo, Texas 79189

II. DESCRIPTION OF WELL AND LEASE

Lease Name Nash Unit	Well No. 1	Pool Name, including Formation Nash Draw Morrow	Kind of Lease State, Federal or Fee	State	Lease No. K6600
Location Unit Letter <u>H</u> : <u>1980</u> Feet From The <u>north</u> Line and <u>660</u> Feet From The <u>east</u> Line of Section <u>13</u> Township <u>23S</u> Range <u>29E</u> , NMPM, Eddy County					

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

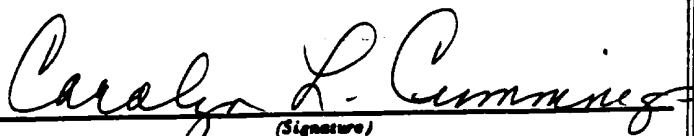
Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
Navajo Crude Oil Purchasing	P.O. Drawer 159, Artesia, New Mexico 88240
Name of Authorized Transporter of Casinhead 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)
Transwestern Pipeline Co.	P.O. Box 2521, Houston, Texas 77001
If well produces oil or liquids, give location of tanks.	Unit Sec. Twp. Rge. Is gas actually connected? When
H 13 23 29	Yes 5/28/75

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

NOTE: Complete Parts IV and V on reverse side if necessary.

VI. CERTIFICATE OF COMPLIANCE

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



Carolyn L. Cummings, Regulatory Clerk

February 14, 1986

(Date)

OIL CONSERVATION DIVISION

APPROVED FEB 28 1986

Original Signed By
BY Les A. Clements

TITLE Supervisor District II

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.

Posted 10-3
2-28-86
Name Lkg

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	<input checked="" type="checkbox"/>
FILE	<input checked="" type="checkbox"/>
U.S.O.S.	<input type="checkbox"/>
LAND OFFICE	<input checked="" type="checkbox"/>
OPERATOR	<input checked="" type="checkbox"/>

RECEIVED BY
JUN 13 1985
O. C. D.

Form C-103
Revised 12-1-73

SUNDRY NOTICES AND REPORTS ON WELLS

FOR USE OF THIS FORM FOR PROPOSALS TO DRILL OR TO REPAIR OR PLUG ONLY TO A DIFFERENT OPERATOR.
USE "APPLICATION FOR PERMIT TO DRILL OR REPAIR OR PLUG ONLY TO A DIFFERENT OPERATOR."

1. <input type="checkbox"/> OIL <input type="checkbox"/> WELL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> WELL <input type="checkbox"/> OTHER	2. Name of Operator Mesa Petroleum Co. ✓	3. Address of Operator P. O. Box 2009, Amarillo, Texas 79189	4. Location of Well UNIT LETTER H 1980 FEET FROM THE north LINE AND 660 FEET FROM the east LINE, SECTION 13 TOWNSHIP 23S RANGE 29E	5. Elevation (Show whether DF, RT, CR, etc.) 3005' GR	6. Indicate Type of Lease State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>	7. Unit Agreement Name Nash Unit	8. Form of Lease Name	9. Well No. 1	10. Field and Pool, or Whose Nash Unit	11. County Eddy
--	---	---	--	--	---	-------------------------------------	-----------------------	------------------	---	--------------------

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPER. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input checked="" type="checkbox"/> Perforate Cherry Canyon	CASING TEST AND CEMENT ADD <input type="checkbox"/>	

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Propose to plug off Morrow and Strawn and perforate Cherry Canyon

Set CIBP @ 13,000', dump ^{35'} cement on top, set CIBP @ 12,100', dump ^{35'} cement on top;
set CIBP @ 10,400', dump ^{35'} cement on top, set cement plug from 7000-6900' with
44 sx and a cement plug from 5000'-5200' with 44 sx; perforate Cherry Canyon 4936-4942'
with 4 SPF with 4 " casing gun; swab test and/or stimulate as necessary and
return well to production.

* 100' Plug @ approx 8500'

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

SIGNED Carolyn Cunningham TITLE Regulatory Clerk DATE 6/12/85
Original Signed By Les A. Clements
APPROVED BY Supervisor District 11 DATE JUN 17 1985

CONDITIONS OF APPROVAL, IF ANY:
NO. 115 Doc. CD D7M Accto MPH. Midland

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	<input checked="" type="checkbox"/>
FILE	<input checked="" type="checkbox"/>
U.S.G.S.	<input checked="" type="checkbox"/>
LAND OFFICE	<input checked="" type="checkbox"/>
OPERATOR	<input checked="" type="checkbox"/>

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501
RECEIVED BY
NOV 03 1983
O. C. D.
ARTESIA, OFFICE

Form C-103
Revised 10-1-73

5a. Indicate Type of Lease	State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5. State Oil & Gas Lease No.	K 5600

SUNDRY NOTICES AND REPORTS ON WELLS
DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
USE "APPLICATION FOR PERMIT - 1" (FORM C-101) FOR SUCH PROPOSALS.

1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER	7. Unit Agreement Name Nash Unit
2. Name of Operator Mesa Petroleum Co. <input checked="" type="checkbox"/>	8. Farm or Lease Name
3. Address of Operator P. O. Box 2009 / Amarillo, Texas 79189	9. Well No. 1
4. Location of Well UNIT LETTER <u>H</u> <u>1980</u> FEET FROM THE <u>North</u> LINE AND <u>660</u> FEET FROM THE <u>East</u> LINE, SECTION <u>13</u> TOWNSHIP <u>23S</u> RANGE <u>29E</u> N.M.P.M.	10. Field and Pool, or Wildcat Nash Draw Strawn
15. Elevation (Show whether DF, RT, GR, etc.) 3005' GR	12. County Eddy

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	COMMENCE DRILLING OPS. <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input type="checkbox"/>
PLUG AND ABANDON <input type="checkbox"/>	OTHER <u>Change zones</u> <input checked="" type="checkbox"/>
CHANGE PLANS <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
OTHER <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Due to decline in Morrow production, a blanking plug was implanted in the production packer at 12,590' and the sliding sleeve opened to allow production from the Strawn zone from perfs at 12,138' to 12,150' (T&A'd 10-19-78). Well was returned to production on 11-1-83. C104 will be filed when new production stabilizes.

XC: NMOCD-A(0+2), CEN RCDS, ACCTG, MAT CONT, MIDLAND, ROSWELL, PROD RCDS(FILE), PARTNERS

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

SIGNED R. E. Mathis TITLE REGULATORY COORDINATOR DATE 11-2-83
Original Signed By
Leslie A. Clements
Supervisor District II
APPROVED BY _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

NOV 15 1983

NEW MEXICO OIL CONSERVATION COMMISSION

Artesia, New Mexico

October 1, 1975

Mesa Petroleum Company
904 Gihls Tower West
Midland, Texas

Re: Wells placed in pools

Gentlemen:

As the result of Commission Order R-5095 the following described well (~~s~~) (~~has-had~~) been placed in the pool (~~s~~) shown below. This change in nomenclature has been made in our files. Please change your records to reflect the proper pool name. All subsequent reports must show this nomenclature until further notice.

NASH DRAW-MORROW GAS POOL
Nash Unit #1-H, 13-23-29

Transporters are advised, by copy of this letter, to change their records to reflect the pool name as established by this order.

Very truly yours,

OIL CONSERVATION COMMISSION

W. A. Gussert

Dist.
Orig. Operator
cc: Each transporter TWP & NCO

NO. OF COPIES RECEIVED	5
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
OPERATOR	
PRORATION OFFICE	

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

RECEIVED

SEP 3 1975

I. OPERATOR		U.C.C. ARTESIA, OFFICE	
Operator Mesa Petroleum Co.			
Address 904 Gihls Tower West, Midland, Texas 79701			
Reason(s) for filing (Check proper box)		Other (Please explain)	
New Well <input type="checkbox"/>	Change in Transporter of:	To show condensate purchaser.	
Recompletion <input type="checkbox"/>	Oil <input type="checkbox"/>		
Change in Ownership <input type="checkbox"/>	Casinghead Gas <input type="checkbox"/>		
	Dry 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 Nash Unit	Well No. 1	Pool Name, including Formation Wildcat - Morrow	Kind of Lease State, Federal or Fee	State
Location Unit Letter H, 1980 Feet From The North Line and 660 Feet From The East				
Line of Section 13, Township 23S, Range 29E, NMPM, Eddy 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)					
Navajo Refining Co.	P.O. Drawer 175, Artesia, New Mexico 88210					
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)					
Transwestern Pipeline Co.	P.O. Box 2521, Houston, Texas 77001					
If well produces oil or liquids, give location of tanks.	Unit H	Sec. 13	Twp. 23	Rge. 29	Is gas actually connected? Yes	When May 30, 1975

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.
Date Spudded	Date Compl. Ready to Prod.	Total Depth			P.B.T.D.				
Pool	Name of Producing Formation	Top Oil/Gas Pay			Tubing Depth				
Perforations					Depth Casing Shoe				
TUBING, CASING, AND CEMENTING RECORD									
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT				

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	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pitot, back pr.)	Tubing Pressure	Casing Pressure	Choke Size

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.

Michael P. Houston

(Signature)

Division Engineer

(Title)

September 2, 1975

(Date)

OIL CONSERVATION COMMISSION	
APPROVED	SEP 3 1975
BY	W. A. Gressett
TITLE	SUPERVISOR, DISTRICT II

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

If this is a request for allowable for a newly drilled or deepen 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 Sections I, II, III, and VI only 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 multiple completed wells.

xc 4 rmcc, JLF, Jme, Jile