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NEW MEXICO OIL CONSERVATION COMMISSION

30-045-24039

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.	
E5384, B1140-47, E5113, E1196	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name STATE COM AL	
2. Name of Operator MESA PETROLEUM CO.		9. Well No. 36E	
3. Address of Operator 1600 Lincoln, 2800 Lincoln Center, Denver, Colorado 80264		10. Field and Pool, or Wildcat BASIN DAKOTA	
4. Location of Well UNIT LETTER H LOCATED 1750 FEET FROM THE NORTH LINE AND 1050 FEET FROM THE EAST LINE OF SEC. 32 TWP. 31N RGE. 8W NMPM		12. County SAN JUAN	
19. Proposed Depth 7875		19A. Formation DAKOTA	
20. Rotary or C.T. ROTARY		21. Elevations (Show whether DF, RT, etc.) 6336	
21A. Kind & Status Plug. Bond STATEWIDE		21B. Drilling Contractor UNKNOWN	
22. Approx. Date Work will start December 15, 1979			

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	300	200	SURFACE
9 7/8	7	23	3300	500	SURFACE
6 1/4	4 1/2	10.5	7875	475	3300

A 10" 900 series BOP will be installed and operable for all operations below surface pipe. Adequate mud and weight material will be stocked on location. Blowout problems in the mud drilled portion of the hole will be controlled by increasing mud weight. The air drilled portion of the hole will be controlled by use of a drilling head.

Gas under this lease is dedicated to a contract.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING IS COMPLETED

EXPIRES 2-28-80

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 BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed John Alexander Title AGENT Date November 27, 1979

APPROVED BY Frank S. Chang Title DEPUTY OIL & GAS INSPECTOR DATE NOV 30 1979

CONDITIONS OF APPROVAL, IF ANY:

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-107
Revised 10-1-78

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

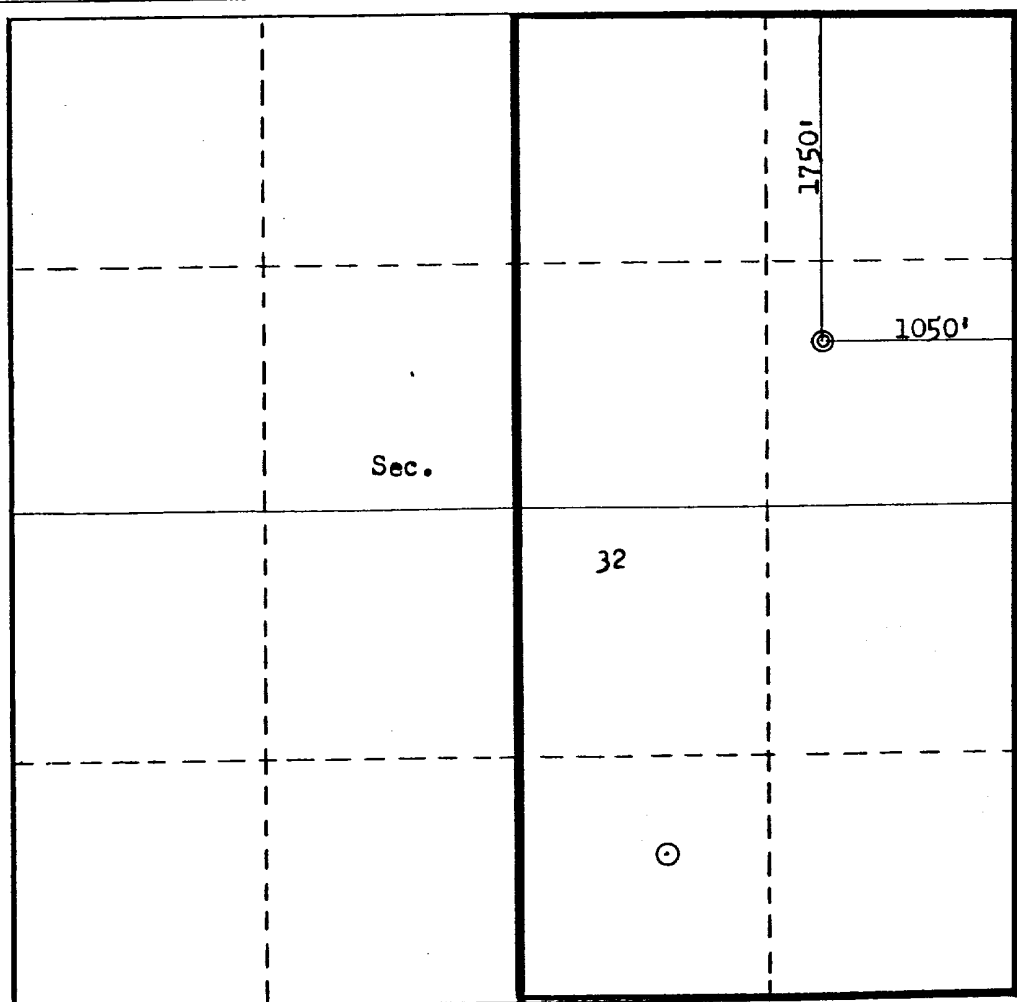
Operator MESA PETROLEUM COMPANY			Lease STATE COM AL		Well No. 36-E
Unit Letter H	Section 32	Township 31N	Range 8W	County San Juan	
Actual Footage Location of Well: 1750 feet from the North line and 1050 feet from the East line					
Ground Level Elev. 6336	Producing Formation Dakota		Pool Basin Dakota		Dedicated Acreage: 320 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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 COMMUNITIZED

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 Commission.



CERTIFICATION

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

John Alexander
Name
JOHN ALEXANDER

Position
AGENT

Company
MESA PETROLEUM CO.

Date
November 27, 1979

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
November 27, 1979
Registered Professional Engineer
and/or Land Surveyor
3950
Fred E. Kerr
Certificate No. **3950**

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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease
State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5. State Oil & Gas Lease No. E1196
E5384, E1140-47, E5113

SUNDRY NOTICES AND REPORTS ON WELLS

NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.

1. Name of Operator	2. Location of Well
MESA PETROLEUM CO.	1600 Lincoln, 2800 Lincoln Center, Denver, Colorado 80264
3. Unit Agreement Name	4. Field and Pool, or Wildcat
5. Farm or Lease Name	6. Well No.
STATE COM AL	36E
7. Unit Agreement Name	8. Field and Pool, or Wildcat
9. Farm or Lease Name	10. Well No.
STATE COM AL	36E
11. Location of Well	12. Field and Pool, or Wildcat
UNIT LETTER H, 1750 FEET FROM THE NORTH LINE AND 1050 FEET FROM THE EAST LINE, SECTION 32 TOWNSHIP 31N RANGE 8W NMPM.	13. Field and Pool, or Wildcat
14. Elevation (Show whether DF, RT, GR, etc.)	15. County
6336	SAN JUAN

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>

SUBSEQUENT REPORT OF:

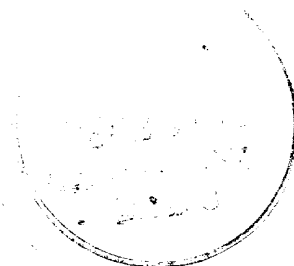
REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
CASING TEST AND CEMENT JOB <input type="checkbox"/>	CHANGE LOCATIONS <input type="checkbox"/>
OTHER <input type="checkbox"/>	

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.

Move the subject well from the above location to:

1750'/N and 1500'/E
G-32-31N-8W

New elevation is 6334'.



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

SIGNED John Alexander TITLE AGENT DATE December 21, 1979

APPROVED BY Original Signed by FRANK T. CHAVEZ TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE DEC 27 1979

CONDITIONS OF APPROVAL, IF ANY:

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-107
Revised 10-1-78

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

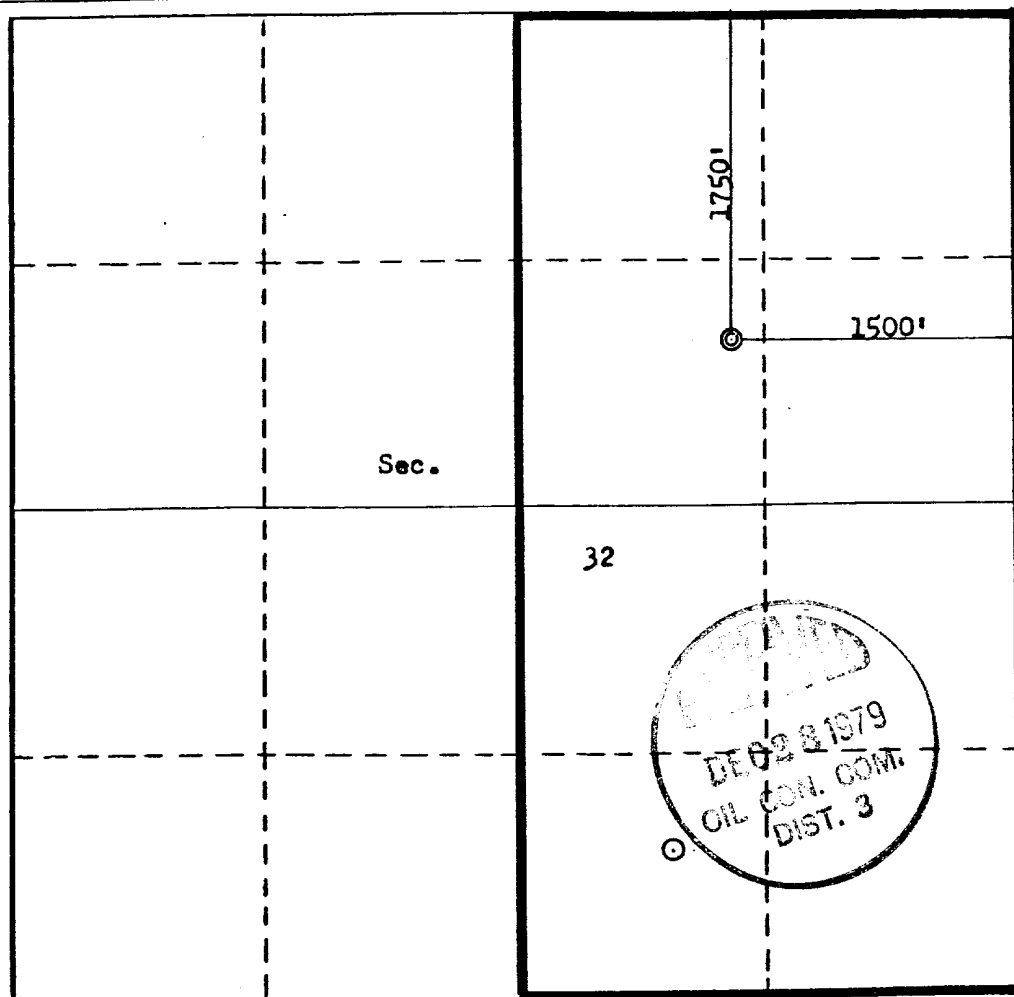
Operator MESA PETROLEUM COMPANY		Lease STATE COM "AL"		Well No. 36-E
Unit Letter G	Section 32	Township 31N	Range 8W	County San Juan
Actual Footage Location of Well: 1750 feet from the North line and 1500 feet from the East line				
Ground Level Elev. 6334	Producing Formation Dakota	Pool Basin Dakota	Dedicated Acreage: 320 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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 COMMUNITIZED

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 Commission.



CERTIFICATION

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

John Alexander

Name
JOHN ALEXANDER

Position
AGENT

Company
MESA PETROLEUM

Date
December 21, 1979

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
November 29, 1979

Registered Professional Engineer
and/or Land Surveyor
Fred B. Kerr, Jr.

Certificate No. **B. KERR, JR.**

3950

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OFFICE	2

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>	
5. State Oil & Gas Lease No. E1196 E5384, B1147747, E5113	
7. Unit Agreement Name	
8. Farm or Lease Name STATE COM AL	
9. Well No. 36 E	
10. Field and Pool, or Wildcat BASIN DAKOTA	
12. County SAN JUAN	

SUNDRY NOTICES AND REPORTS ON WELLS

NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

<input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER-	Variable Operator MESA PETROLEUM COMPANY Address of Operator 1660 Lincoln, 2800 Lincoln Center, Denver, Colo. 80264 Location of Well UNIT LETTER H 1750 FEET FROM THE NORTH LINE AND 1050 FEET FROM THE EAST LINE, SECTION 32 TOWNSHIP 31N RANGE 8W NMPM.
--	---

15. Elevation (Show whether DF, RT, GR, etc.)
6336

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

REPAIR 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 OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
WELL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	OTHER REQUEST FOR DRILLING EXTENSION <input checked="" type="checkbox"/>

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.

OPERATOR REQUESTS EXTENSION OF DRILLING PERMIT DUE TO CONTRACTOR AVAILABILITY.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,

EXPIRES 5-28-80



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

SIGNED John Alexander TITLE AGENT DATE February 18, 1980
JOHN ALEXANDER

APPROVED BY Original Signed by FRANK T. HAVEL TITLE SUPERVISOR DISTRICT # 3 DATE FEB 20 1980
CONDITIONS OF APPROVAL, IF ANY:

NO. OF COPIES RECEIVED		4
CONTRIBUTION		1
DATE		1
OFFICE		
PERMIT NO.		2

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease	
State <input checked="" type="checkbox"/>	Fee <input type="checkbox"/>
5. State Oil & Gas Lease No. E1196 E5384, B1147747, E5113	

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 -" (FORM C-101) FOR SUCH PROPOSALS.

6. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		7. Unit Agreement Name
Name of Operator MESA PETROLEUM COMPANY		8. Farm or Lease Name STATE COM AL
Address of Operator 1660 Lincoln, 2800 Lincoln Center, Denver, Colo. 80264		9. Well No. 36E
Location of Well UNIT LETTER H , 1750 FEET FROM THE NORTH LINE AND 1050 FEET FROM THE EAST LINE, SECTION 32 TOWNSHIP 31N RANGE 8W NMPM.		10. Field and Pool, or Wildcat BASIN DAKOTA
15. Elevation (Show whether DF, RT, GR, etc.) 6336		12. County SAN JUAN

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

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input checked="" type="checkbox"/> EXTEND DRILLING COMMENCEMENT

SUBSEQUENT REPORT OF:

REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER <input type="checkbox"/>	

7. 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.

OPERATOR REQUESTS EXTENSION OF DRILLING COMMENCEMENT DATE DUE TO
CONTRACTOR AVAILABILITY.

EXPIRES 8-26-80



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

SIGNED <u>John Alexander</u> JOHN ALEXANDER	TITLE <u>AGENT</u>	DATE <u>May 27, 1980</u>
APPROVED BY <u>Original Signed by FRANK T. CHAVEZ</u>	TITLE <u>SUPERVISOR DISTRICT 7</u>	DATE <u>MAY 29 1980</u>
CONDITIONS OF APPROVAL, IF ANY:		

1. OFFICE	
2. R	

5a. Indicate Type of Lease
State ☒ Fee ☐
5. State Oil & Gas Lease No. E1196
E5384, B1147747, E5113

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 -" (FORM C-101) FOR SUCH PROPOSALS.

6. ☐ OIL WELL ☒ GAS WELL ☐ OTHER

7. Unit Agreement Name

8. Farm or Lease Name
STATE COM AL

9. Well No.
36E

10. Field and Pool, or Wildcat
BASIN DAKOTA

11. Location of Well
UNIT LETTER g 1750 FEET FROM THE NORTH LINE AND 1050 FEET FROM THE EAST LINE, SECTION 32 TOWNSHIP 31N RANGE 8W NMPM.

15. Elevation (Show whether DF, RT, GR, etc.)
6336

12. County
SAN JUAN

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

1. FORM REMEDIAL WORK ☐
2. UNLAWFULLY ABANDON ☐
3. L OR ALTER CASING ☐
4. OTHER ☐

5. PLUG AND ABANDON ☐
6. CHANGE PLANS ☐

7. REMEDIAL WORK ☐
8. COMMENCE DRILLING OPNS. ☐
9. CASING TEST AND CEMENT JOB ☐
10. OTHER REQUEST FOR DRILLING EXTENSION ☒

11. ALTERING CASING ☐
12. PLUG AND ABANDONMENT ☐

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.

OPERATOR REQUESTS EXTENSION OF DRILLING PERMIT DUE TO CONTRACTOR AVAILABILITY.

APPROVAL FOR 90 DAYS UNLESS DRILLING COMMENCED, EXPIRES 11-23-80



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

SIGNED John Alexander TITLE AGENT DATE August 26, 1980

APPROVED BY Original Signed by FRANK T. CHAVEZ SUPERVISOR DISTRICT # 3 DATE AUG 28 1980

ADDITIONS OF APPROVAL, IF ANY:

OIL CONSERVATION DIVISION

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

Form C-103
Revised 10-1-78

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LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease	
State <input checked="" type="checkbox"/>	Fee <input type="checkbox"/>
5. State Oil & Gas Lease No. E5113, E1196, E5384, B1147747	

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 -" (FORM C-101) FOR SUCH PROPOSALS.)

OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER-		7. Well Agreement Name
Name of Operator		8. Farm or Lease Name
Mesa Petroleum Co.		State Com AL
Address of Operator		9. Well No.
1660 Lincoln Street, Suite 2800 Denver, CO 80264		36E
Location of Well		10. Field and Pool, or Wildcat
UNIT LETTER G 1750 FEET FROM THE North LINE AND 1500 FEET FROM		Basin Dakota
THE East LINE, SECTION 32 TOWNSHIP 31 RANGE 8 NMPM.		
15. Elevation (Show whether DF, RT, GR, etc.)		12. County
6330' GR Graded		San Juan

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 OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
NULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input type="checkbox"/>	
		OTHER <input checked="" type="checkbox"/>	

1. 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.

As erroneously reported earlier on the recent C-103 forms, please note that the correct location for this well is 1705' FNL & 1500' FSL. The resurveyed graded elevation is 6330' Ground.



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

SIGNED Alex Nash, Jr. TITLE Alex Nash, Jr. DATE 10/28/80

PROVED BY Original Signed by FRANK T. CHAVEZ TITLE SUPERVISOR DISTRICT # 3 DATE OCT 31 1980

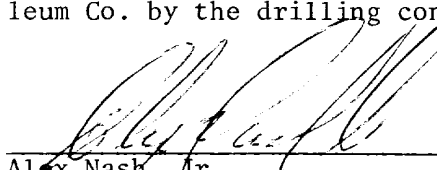
CONDITIONS OF APPROVAL, IF ANY:

Mesa Petroleum Co.
State Com AL 36E
Sec. 32, T31N-R8W
San Juan County, New Mexico

DEVIATION RECORD

<u>DEPTH</u>	<u>DEGREE</u>
285'	1°
2066'	3/4°
2570'	3/4°
3600'	1°
4610'	1 1/8°
5100'	1 1/8°
5600'	1 1/4°
6030'	1°
6510'	1°
7140'	1 1/2°
7710'	1 1/2°

This information in the Deviation Record has been furnished to Mesa Petroleum Co. by the drilling contractor and to my knowledge is true and correct.

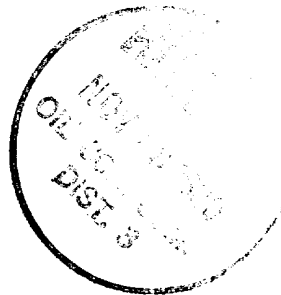


Alex Nash, Jr.
Division Drilling Supervisor
Rocky Mountain Division

October 28, 1980

Date

State of Colorado
City and _____
County of Denver SS



On the 28th day of October A.D., 1980, personally appeared before me Alex Nash, Jr., who being by me duly sworn, did say that he is the Division Drilling Supervisor of Mesa Petroleum Co., Rocky Mountain Div. a corporation, and that said instrument was signed in behalf of said corporation by authority of a resolution of its Board of Directors said Alex Nash, Jr. acknowledged to me that said corporation executed the same.

My Commission expires June 15, 1991

My Commission Expires



Notary Public

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

Form C-105
Revised 1-1-65

5a. Indicate Type of Lease
State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5. State Oil & Gas Lease No. E5113, E1196, E5384, B1147747

3. TYPE OF WELL

OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐

4. TYPE OF COMPLETION

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

6. Name of Operator

Mesa Petroleum Co.

7. Address of Operator

1660 Lincoln Street, Suite 2800, Denver, CO 80264

8. Location of Well

UNIT LETTER G LOCATED 1750 FEET FROM THE North LINE AND 1500 FEET FROM

East LINE OF SEC. 32 TWP. 31N RGE. 8W NMPM

9. Date Spudded 10/8/80 16. Date T.D. Reached 10/20/80 17. Date Compl. (Ready to Prod.) 11/18/80 18. Elevations (DF, RKB, RT, GR, etc.) 6330' GR 19. Elev. Casinghead 6330'

10. Total Depth

7821'

21. Plug Back T.D.

7821'

22. If Multiple Compl., How Many

23. Intervals Drilled By

Rotary Tools

Cable Tools

0-7821

-0-

24. Producing Interval(s), of this completion - Top, Bottom, Name

7794' - 7821', Dakota Openhole

26. Type Electric and Other Logs Run

IES - Gamma Ray Density

25. Was Directional Survey Made

No

27. Was Well Cored

No

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"	32.75	249'	13 3/8"	275 SXS	-0-
7"	20	3598'	8 3/4"	470 SXS	-0-
4 1/2"	11.6 & 10.5	7794'	6 1/4"	225 SXS	-0-

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
None				

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 3/8"	7684	None

31. Perforation Record (Interval, size and number)

None - open hole completion

Tubing-- 7610 to 7614 2hole per foot

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED

33. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping) <u>Flowing</u>	Well Status (Prod. or Shut-in) <u>Shut-in for test</u>
Date of Test	Hours Tested	Choke Size
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate
	Oil - Bbl.	Gas - Bbl.
	Water - Bbl.	Oil Gravity - API (Corr.)

34. Disposition of Gas (Sold, used for fuel, vented, etc.)

Test Witnessed By

35. List of Attachments

Deviation Record, Well Schematic

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 [Signature]

TITLE Divison Drilling Supervisor DATE October 28, 1980

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission 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 30 through 34 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

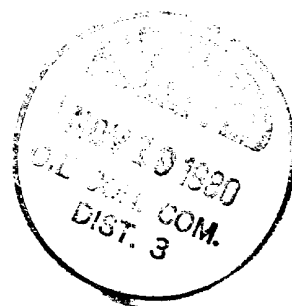
Southeastern New Mexico

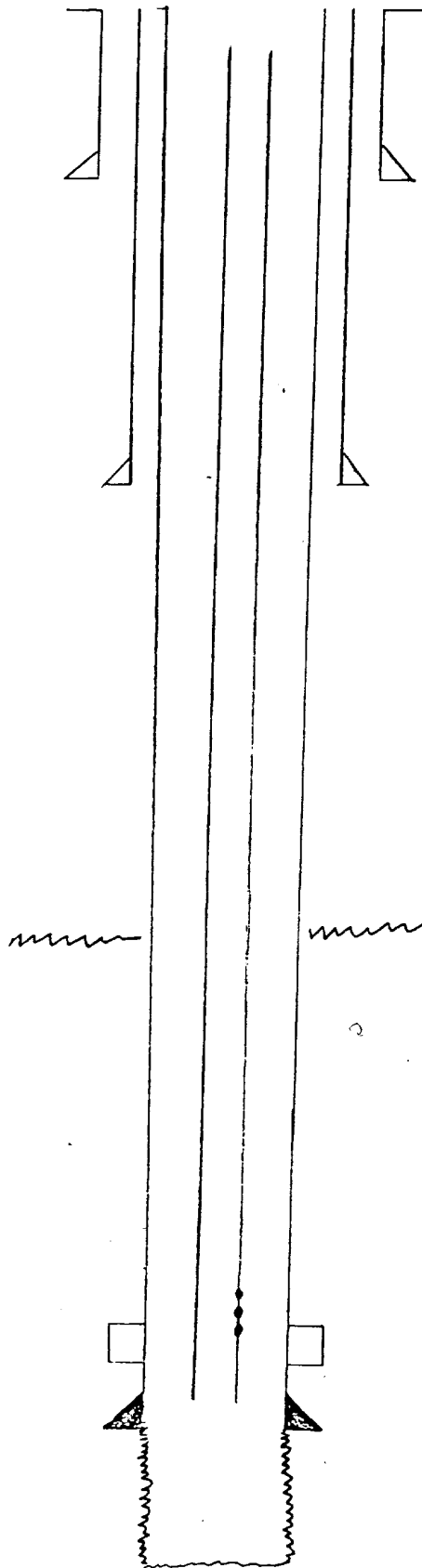
Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____ 2022'	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____ 3171'	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____ 5030'	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____ 5094'	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____ 5519'	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____ 5776'	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____ 7620'	T. <u>Greenhorn</u> 7440'
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. <u>Graneros</u> 7488'
T. Tubb _____	T. Granite _____	T. Todilto _____	T. <u>Kirtland</u> 2082'
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. <u>Lewis</u> 3400'
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. <u>Fruitland</u> 2900'
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
			All logs were hand delivered by Dresser-Atlas on 10/28/80 to your Aztec District office.				





10 3/4" set at 249'

2 3/8" EUE Tubing Depth set 7684 perforation
from -7610 to 7614

7" casing set at 3598'

Top of cement at 6990'

ECP Packer set at 7775' KB

4 1/2" casing set at 7794'

TD at 7821'

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

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	GAS
OPERATOR	
PRODUCTION OFFICE	

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Operator Mesa Petroleum Co.	
Address 1660 Lincoln Street, Suite 2800, Denver, CO 80264	
Reason(s) for filing (Check proper box)	Other (Please explain)
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"/>

If change of ownership give name and address of previous owner _____ B1147747, E5384, E1196,

DESCRIPTION OF WELL AND LEASE

Lease Name State Com AL	Well No. 36E	Pool Name, Including Formation Basin Dakota	Kind of Lease State, Federal or Fee State	Lease No. E5113
Location Unit Letter <u>G</u> ; <u>1750'</u> Feet From The <u>North</u> Line and <u>1500'</u> Feet From The <u>East</u> Line of Section <u>32</u> Township <u>31N</u> Range <u>8W</u> , NMPM, <u>San Juan</u> County				

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) P. O. Box 1528, Farmington NM 87417
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) P. O. Box 990, Farmington NM 87401
If well produces oil or liquids, give location of tanks.	Unit Sec. Twp. Rge. Is gas actually connected? When

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

COMPLETION DATA

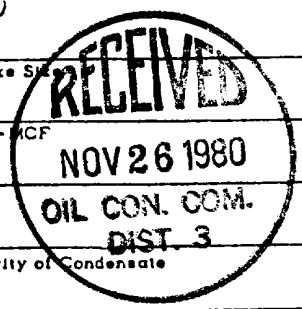
Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Hes'tv.	Diff. Hes'tv.
		X	X					
Date Spudded October 8, 1980	Date Compl. Ready to Prod. 11-18-80	Total Depth 7821'	P.B.T.D. 7821'					
Elevations (DF, RAB, RT, GR, etc.) 6330 GR Graded	Name of Producing Formation Dakota	Top Oil/Gas Pay 7565'	Tubing Depth					
Perforations None - open hole completion	Depth Casing Shoe 7794'							

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
13 3/4"	10 3/4"	249'	275 SXS
8 3/4"	7"	3598'	470 SXS
6 1/4"	4 1/4"	7794'	225 SXS

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 - MMCF



GAS WELL

Actual Prod. Test - MMCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.) 7 Days S.I.	Tubing Pressure (Shut-in) SITP - 2750	Casing Pressure (Shut-in) SICP - 2750	Choke Size

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)
Division Drilling Supervisor
(Title)
October 28, 1980
(Date)

OIL CONSERVATION DIVISION
NOV 26 1980

APPROVED _____, 19____
BY Original Signed by FRANK T. CHAVEZ
SUPERVISOR DISTRICT # 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 recompleted wells.

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

Form C-103
Revised 10-1-78

NO. OF COPIES RECEIVED	
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OPERATOR	

5a. Indicate Type of Lease
State ☒ Fee ☐
5. State Oil & Gas Lease No. E5113,
E1196, E5384, B1147747

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 -" (FORM C-101) FOR SUCH PROPOSALS.)

OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	7. Unit Agreement Name
Name of Operator Mesa Petroleum Co.	8. Farm or Lease Name State Com AL
Address of Operator 1660 Lincoln Street, Suite 2800 Denver, CO 80264	9. Well No. 36E
Location of Well UNIT LETTER <u>G</u> <u>1705</u> FEET FROM THE <u>North</u> LINE AND <u>1500</u> FEET FROM THE <u>East</u> LINE, SECTION <u>32</u> TOWNSHIP <u>31</u> RANGE <u>8</u> N.M.P.M.	10. Field and Pool, or Wildcat Basin Dakota
15. Elevation (Show whether DF, RT, GR, etc.) 6330' GR Graded	12. County San Juan

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 OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
NULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	OTHER <input checked="" type="checkbox"/>

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.

As erroneously reported earlier on the recent C-103 forms, please note that the correct location for this well is 1705' FNL & 1500' FSL. The resurveyed graded elevation is 6330' Ground.

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

SIGNED Alex Nash, Jr. TITLE Alex Nash, Jr. DATE 10/28/80
SUPERVISOR DISTRICT # 4
APPROVED BY Original Signed by: ANA CHAVEZ TITLE DATE OCT 31 1980
CONDITIONS OF APPROVAL, IF ANY:

OIL CONSERVATION DIVISION

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

Form C-103
Revised 10-1-78

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LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease
State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5. State Oil & Gas Lease No. E5113, E1196, E5384, B1147747

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 -" (FORM C-101) FOR SUCH PROPOSALS.)

OIL WELL <input type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/>	OTHER <input type="checkbox"/>
Name of Operator Mesa Petroleum Co.		
Address of Operator 1660 Lincoln Street, Suite 2800 Denver, CO 80264		
Location of Well UNIT LETTER <u>G</u> <u>1750</u> FEET FROM THE <u>North</u> LINE AND <u>1500</u> FEET FROM THE <u>East</u> LINE, SECTION <u>32</u> TOWNSHIP <u>31</u> RANGE <u>8</u> NMPM.		

7. Unit Agreement Name
8. Farm or Lease Name State Com AL
9. Well No. 36E
10. Field and Pool, or Wildcat Basin Dakota
12. County San Juan

15. Elevation (Show whether DF, RT, GR, etc.)
6330' GR Graded

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

REFORM REMEDIAL WORK	<input type="checkbox"/>
TEMPORARILY ABANDON	<input type="checkbox"/>
REPAIR OR ALTER CASING	<input type="checkbox"/>
OTHER	<input type="checkbox"/>

PLUG AND ABANDON	<input type="checkbox"/>
CHANGE PLANS	<input type="checkbox"/>

SUBSEQUENT REPORT OF:

REMEDIAL WORK	<input type="checkbox"/>
COMMENCE DRILLING OPNS.	<input type="checkbox"/>
CASING TEST AND CEMENT JOBS	<input type="checkbox"/>
OTHER	<input checked="" type="checkbox"/>

ALTERING CASING	<input type="checkbox"/>
PLUG AND ABANDONMENT	<input type="checkbox"/>

Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1603.

Mesa Petroleum Co. filed a Sundry Notice October 28, 1980 which included a typographical error. The top description (#4 Location of Well) was correct as stated, however, the error appears under #17 (Proposed Operations). The correct footage location for this well is 1750' FNL & 1500' FSL. The resurveyed graded elevation is 6330' Ground.



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

Signed by Charles Gholson TITLE Division Drilling Supervisor DATE 11/18/80
Original Signed by CHARLES GHOLSON DEPUTY OIL & GAS INSPECTOR, DIST. #3
DATE NOV 21 1980

CONDITIONS OF APPROVAL, IF ANY:

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

Form C-103
Revised 10-1-78

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LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease
State ☒ Fee ☐
5. State Oil & Gas Lease No. E5113,
E1196, E5384, B1147747

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 -" (FORM C-101) FOR SUCH PROPOSALS.)

OIL WELL ☒ GAS WELL ☐ OTHER ☐

Name of Operator

Mesa petroleum co.
Address of Operator

po, box 579 Flora vista New Mexico 87415
Location of Well

UNIT LETTER G 1750 FEET FROM THE North LINE AND 1500 FEET FROM

THE East LINE, SECTION 32 TOWNSHIP 31N RANGE 8W NMPM.

7. Unit Agreement Name

8. Farm or Lease Name

State com AL

9. Well No.

36E

10. Field and Pool, or Wildcat

Basin Dakota

15. Elevation (Show whether DF, RT, GR, etc.)

12. County
Sun Juan

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

NOTICE OF INTENTION TO:

DRILL REMEDIAL WORK ☐
PERMANENTLY ABANDON ☐
OR ALTER CASING ☐

PLUG AND ABANDON ☐
CHANGE PLANS ☒

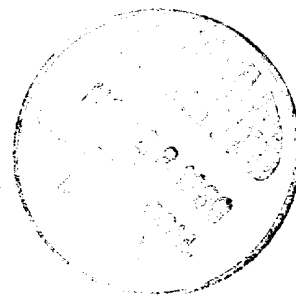
SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐
COMMENCE DRILLING OPNS. ☐
CASING TEST AND CEMENT JOB ☐
OTHER ☐

ALTERING CASING ☐
PLUG AND ABANDONMENT ☐

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.

Mesa Petroleum Co., agrees to cement across Mesa Verde section of hole. When current pressure and volum in the Dekota decreases satisfactory to allow safe operation.



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

[Signature]

TITLE Drilling & Production Foreman

DATE 11/25/80

SUPERVISOR DISTRICT # 3

Original Signed by FRANK T. CHAVEZ

SIGNED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

Operation to be completed by 12-1-81



December 12, 1980

State of New Mexico
Energy and Mineral Department
Oil Conservation Division
1000 Rio Brazos Road
Aztec, NM 87410

Attention Mr. Frank Chavez

Gentlemen:

Subject: Request for Temporary Water
Disposal in Surface Pit
State Com AL 36E
Sec. 32-T31N-R8W
San Juan County, New Mexico

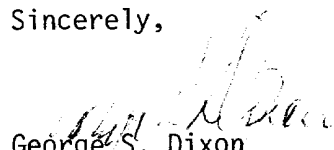


As per our telephone conversation this date, Mesa Petroleum Co. requests permission to dispose of approximately 1200 BWPD presently being produced from the Dakota zone at 7,794-7,821' open hole in the existing surface pit for a period of 60 days or until such time that an application can be submitted for disposal of produced water into an acceptable zone.

Due to a decline in gas volume from 3000 to 1800 MCFD and unusual reservoir characteristics, Mesa is of the opinion that if the captioned well is shut in for any reason, there is a good possibility that it would not produce any more. A temperature survey conducted on December 6, 1980 indicated that the produced water is coming from the Dakota Reservoir (see attached analysis).

Your cooperation in this matter is greatly appreciated and if further information is necessary, do not hesitate to contact this office.

Sincerely,


George S. Dixon
Division Production Supervisor

pkp

Attachments

THE WESTERN COMPANY
FARMINGTON DISTRICT LABORATORY
DRAWER 360, FARMINGTON, N.M. 87401

WELL DATA

OPERATOR Irma Petrovic WELL St. Alb. Co. (62) FORMATION Dakota

FIELD _____ COUNTY _____ STATE _____

DATE SAMPLED _____ TIME _____ AM _____ DATE RECEIVED Dec-3-1980
PM _____

SAMPLE TAKEN FROM _____

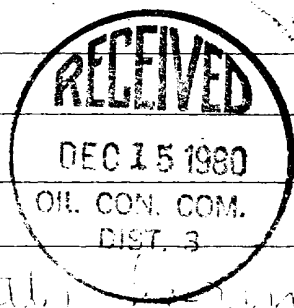
SUBMITTED BY _____ RESULTS TO _____

ANALYSIS RESULTS

Specific Gravity 1.003 at _____ °F pH _____ Total Dissolved Solids _____
Iron _____ H₂S _____ Total Hardness 300 ppm
Sodium and Potassium 500 ppm Calcium 260 ppm Magnesium 370 ppm
Chlorides 2000 ppm Bicarbonates _____ Sulfates 400 ppm

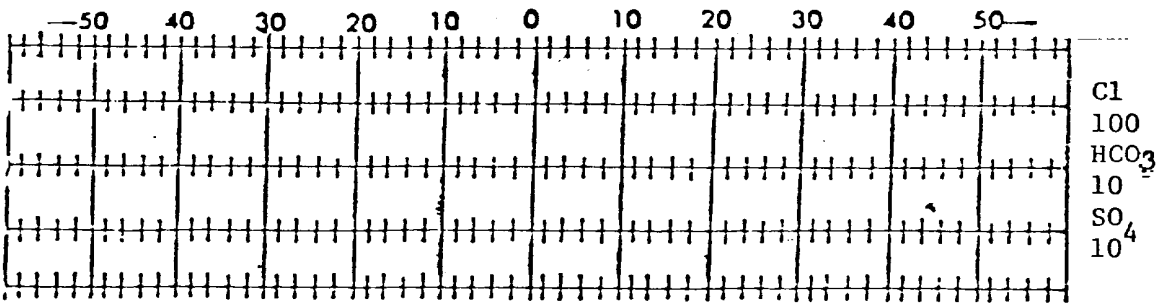
Gel Compatibility Tests _____

Other Analysis _____



Comments Water appears to be mostly formation fluid with some residual H₂O / brine

For Stiff type plat (in meq./l.)



Please refer any questions concerning this analysis to:

Phillip Box
District Engineer
Office: (505) 327-6222 Home: 505-325-2469

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

Form C-104
Revised 10-1-78

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	GAS
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REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Operator Mesa Petroleum Co.	
Address 1660 Lincoln Street, Suite 2800, Denver, CO 80264	
Reason(s) for filing (Check proper box)	Other (Please explain)
New Well <input type="checkbox"/>	Change in Transporter of:
Recompletion <input type="checkbox"/>	Oil <input checked="" 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 _____ B1147747, E5384, E1196, Lease No.

DESCRIPTION OF WELL AND LEASE			
Lease Name State Com AL	Well No. 36E	Pool Name, Including Formation Basin Dakota	Kind of Lease State, Federal or Fee State
Location Unit Letter G : 1750' Feet From The North Line and 1500' Feet From The East			Lease No. E5113
Line of Section 32 Township 31N Range 8W, NMPM, San Juan County			

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)		
Permian Corporation	P.O. Box 1183, Houston, Texas 77001		
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, NM 87401		
If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp. Rge.
Is gas actually connected?		When	
yes		12/02/80	

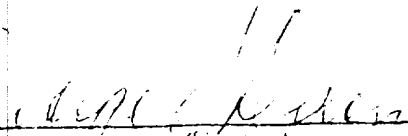
If this production is commingled with that from any other lease or pool, give commingling order number: _____

COMPLETION DATA			
Designate Type of Completion - (X)	Oil Well	Gas Well	New Well
			Workover
			Deepen
			Plug Back
			Same Rest'v.
			Diff. Rest'v.
Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.
Elevations (D, RT, CR, 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

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 (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

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.	
	
Division Production Supervisor	
(Title)	
4/20/81	
(Date)	

OIL CONSERVATION DIVISION	
APPROVED _____, 19 _____	
BY _____	
SUPERVISOR DISTRICT # _____	
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.	

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Form C-105
Revised 1-1-65NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease	State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5. State Oil & Gas Lease No.	E-5113, E-1196, E-5384 B-117747

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 Petroleum Co.

3. Address of Operator

1660 Lincoln Street, Suite 2800, Denver, CO 80264

4. Location of Well

UNIT LETTER G LOCATED 1750 FEET FROM THE N LINE AND 1500 FEET FROMTHE E LINE OF SEC. 32 TWP. 31N RGE. 8W NMMPM

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Casinghead
10-8-80	10-20-80	9-12-81	6330' GR	6330' GR

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools	Cable Tools
7821'	7690'	N/A	0-7821'		N/A

24. Producing Interval(s), of this completion - Top, Bottom, Name

Dakota Graneros - 7578'-7650'

25. Was Directional Survey Made

No

26. Type Electric and Other Logs Run

IES - Gamma Ray Density

27. Was Well Cored

No

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"	32.75#/ft.	249'	13-3/4"	275 SXS	None
7"	20#/ft.	3598'	8-3/4"	470 SXS	None
4-1/2"	11.6 & 10.5	7794'	6-1/4"	225 SXS	None

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
N/A					2-3/8"	7551'	7364'

30. TUBING RECORD

31. Perforation Record (Interval, size and number)

Dakota - 7650', -48', -34', -31', -38', -25',
-23', -21', 7587', -81', -78'
1 shot ea. - .40"

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
7578-7650'	45,738 gals x-link gel, 30,874# 20-40 sd, 16,450 gals CO ₂

33. PRODUCTION

Date First Production		Production Method (Flowing, gas lift, pumping – Size and type pump)					Well Status (Prod. or Shut-in)	
12-2-80		Flowing					Producing	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil – Bbl.	Gas – MCF	Water – Bbl.	Gas – Oil Ratio	
10-11-81	24	N/A	→	0	35	none	N/A	
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil – Bbl.	Gas – MCF	Water – Bbl.	Oil Gravity – API (Corr.)		
260 psi	N/A	→	0	35	none	N/A		

34. Disposition of Gas (Sold, used for fuel, vented, etc.)

Sold

Test Witnessed By

Jim Peace

35. List of Attachments

C-104 and Deviation Record submitted with first completion report

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 [Signature]TITLE Div. Production Supvr.DATE 10/14/81

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission 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 30 through 34 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

Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____ 2022'	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____ 3171'	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____ 5030'	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____ 5094'	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____ 5519'	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____ 5776'	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____ 7620'	T. Greenhorn _____ 7440'
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. Graneros _____ 7488'
T. Tubb _____	T. Granite _____	T. Todilto _____	T. Kirtland _____ 2082'
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. Lewis _____ 3400'
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. Fruitland _____ 2900'
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
							<div style="text-align: center;">  </div>



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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

Form C-104
Revised 10-01-78
Format 06-01-83
Page 1

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I. Operator Mesa Operating Limited Partnership

Address P.O. Box 2009, Amarillo, Texas 79189

Reason(s) for filing (Check proper box)

<input type="checkbox"/> New Well	Change in Transporter of:	
<input type="checkbox"/> Recombination	<input type="checkbox"/> Oil	<input type="checkbox"/> Dry Gas
<input checked="" type="checkbox"/> Change in Ownership	<input type="checkbox"/> Casinghead Gas	<input type="checkbox"/> Condensate

Other (Please explain)

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 <u>State Com AL</u>	Well No. <u>36E</u>	Pool Name, including Formation <u>Basin Dakota</u>	Kind of Lease <u>State, Federal or Fee State</u>	Lease No.
Location				
Unit Letter <u>G</u>	<u>1750</u> Feet From The <u>north</u> Line and <u>1500</u> Feet From The <u>east</u>			
Line of Section <u>32</u>	Township <u>31N</u>	Range <u>8W</u>	<u>NMPM</u>	<u>San Juan</u> 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)
<u>Permian Corporation</u>	<u>P.O. Box 1183/Houston, Texas 77001</u>
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)
<u>El Paso Natural Gas Co.</u>	<u>P.O. Box 1492/El Paso, Texas 79998</u>
If well produces oil or liquids, give location of tanks.	Unit <u>G</u> Sec. <u>32</u> Twp. <u>31</u> Rge. <u>8</u>
Is gas actually connected?	When <u>12/2/80</u>

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
(Signature)
Carolyn L. Cummings/Regulatory Clerk
February 14, 1986
(Date)

OIL CONSERVATION DIVISION

APPROVED FEB 19 1986
BY Frank J. Davis
SUPERVISOR DISTRICT 6

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.

Submit 5 Copies
Appropriate District Office
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

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

OIL CONSERVATION DIVISION

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

REQUEST FOR ALLOWABLE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Operator MESA OPERATING LIMITED PARTNERSHIP	Well API No. 30-045-24039
Address P.O. BOX 2009, AMARILLO TEXAS 79189	
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 type="checkbox"/>	Casinghead Gas <input type="checkbox"/> Condensate <input checked="" type="checkbox"/>
Effective Date: 7/01/90	
If change of operator give name and address of previous operator	

II. DESCRIPTION OF WELL AND LEASE

Lease Name STATE COM AL	Well No. 36E	Pool Name, Including Formation BASIN DAKOTA	Kind of Lease State, Federal or Fee	Lease No.
Location				
Unit Letter G	: 1750	Feet From The NORTH	Line and 1500	Feet From The EAST
Section 32	Township 34N	Range 8W	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)					
GIANT REFINING CO.	P.O. BOX 12999, SCOTTSDALE, AZ 85267					
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 1492, EL PASO, TX 79998					
If well produces oil or liquids, give location of tanks.	Unit G	Sec. 32	Twp. 31N	Rge. 8	Is gas actually connected? YES	When? 12-2-80

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
Carolyn L. McKee, Regulatory Analyst
Printed Name
7/1/90
Date
(806) 378-1000
Telephone No.

OIL CONSERVATION DIVISION

SEP 19 1990

Date Approved

By

SUPERVISOR DISTRICT #3

Title

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.

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

OIL CONSERVATION DIVISION CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

RECEIVED

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

**REQUEST FOR ALLOWABLE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS**

'91 JUN 26 AM 10 14

I.

Operator Conoco Inc.	Well API No.
Address 3817 N.W. Expressway, Oklahoma City, OK 73112	
Reason(s) for Filing (Check proper box) New Well <input type="checkbox"/> Change in Transporter of: <input type="checkbox"/> Other (Please explain) 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"/> EFFECTIVE 7-1-91	
If change of operator give name and address of previous operator Mesa Operating Limited Partnership, P.O. Box 2009, Amarillo, Texas 79189	

II. DESCRIPTION OF WELL AND LEASE

Lease Name STATE COAL AL	Well No. 365	Pool Name, Including Formation BABIN DAKOTA	Kind of Lease (State, Federal or Fee) State	Lease No.
Location Talt Letter G : 1750 Feet From The N Line and 1500 Feet From The E Line Section 32 Township 31N Range 2W , NMPM, SAN JUAN County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil Giant Refining, Inc. <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent) Box 338, Bloomfield, New Mexico 87413					
Name of Authorized Transporter of Casinghead Gas El Paso Natural 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) P.O. Box 1492, El Paso, Texas 79999					
If well produces oil or liquids, give location of tanks.	Unit G	Sec. 32	Twp. 31	Rge. 2	Is gas actually connected? YES	When? 12-2-80

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.

W.W. Baker
Signature **W.W. Baker** Administrative Supr.
Printed Name **5-1-91** Title
(405) 948-3120
Date Telephone No.

OIL CONSERVATION DIVISION

Date Approved **MAY 03 1991**
By *[Signature]*
Title **SUPERVISOR DISTRICT #3**

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

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