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## State of New Mexico Energy, Minerals and Natural Resources Department

Form C-101

DISTRICT I P.O. Box 1980, Hobbs, NM 88240

CONDITIONS OF APPROVAL, IF ANY:

# **OIL CONSERVATION DIVISION**

P.O. Box 2088

Santa Fe. New Mexico 87504-2088

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ļ	API NO. (assigned by OCD o	n New	Wells)	٠,

30-045-27514

Mesa Operating Limited Partnership  3. Address of Operating Limited Partnership  4. Wall Loration P.O. Box 2009, Amarillo, Texas 79189  5. Pool mans or Wided Bassin Fruitland Coal  4. Wall Loration Unit Lefter K: 1405 Feet From The South Lies and 2720 Feet From The West Line Section 36 Township 30N Runge 9W NAMPM San Juan Country  10. Proposed Depth 11. Formship 12. Rousy or CT. 13. Elevations (Show whether DF, RT, GR, stc.) 14. Kind & Samus Plug, Bood B.O. Truitland Coal Rotary 13. Elevations (Show whether DF, RT, GR, stc.) 14. Kind & Samus Plug, Bood B.O. Truitland Coal Rotary 13. Elevations (Show whether DF, RT, GR, stc.) 14. Kind & Samus Plug, Bood B.O. Truitland Coal Rotary 13. Elevations (Show whether DF, RT, GR, stc.) 15. Kind & Samus Plug, Bood B.O. Truitland Coal Rotary 13. Elevations (Show whether DF, RT, GR, stc.) 17. Kind & Samus Plug, Bood B.O. Truitland Coal Rotary 14. Kind & Samus Plug, Bood B.O. Truitland Coal Rotary 15. PROPOSED CASING AND CEMENT PROGRAM  SIZE OF HOLE SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH SACKS OF CEMENT EST. TOP 12 1/4" 8 5/8" 24# 200' 150 sx' B'+22CC Surface 12 1/4" 8 5/8" 24# 200' 150 sx' B'+22CC Surface 12 1/4" 8 5/8" 24# 200' 150 sx' B'+22CC Surface 12 1/4" 8 5/8" 2480'  Propose to spud well with 12 1/4" hole and drill to 200' and set 8 5/8" surface casing, Will cement with 150 sx of Class "B" and raise cement to surface. Will nipple up 3000 psi B0P assembly and drill 7 7/8" hole to TD of 2580' with fresh water mud system. Will then long well will then 12 1/4" hole to TD of 2580' with fresh water mud system. Will then long well will then 12 1/4" hole to TD of 2580 with fresh water mud system. Will then long well will be commercial production. If successful, will then run 5 1/2" casing to 2580' and cement with 300 sx Pozmix followed by 250 sx Class "B" UNLESS DRILLING LOWANGERED.  SPUD NOTICE MADE TEXT SEMBLEMED COMMERCED.  SPUD NOTICE M	P.O. Drawer DD, Artesia,	NM 88210	in the state of th	0750-2000	5. Indicate Type of Lease Si	TATE TEE			
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK  1. Type of West:    DRILL   RE-ENTER   DEEPEN   PLUG BACK   FC STATE COM   PROPERTY   PLUG BACK   FC STATE COM   PROPERTY   PLUG BACK   FC STATE COM   Resa Operator   Resa Operator   Resa Operator   PLUG BACK   FC STATE COM   PROPERTY   P.O. Box 2009, Amarillo, Texas 79189   Post same or Wilder   Plug Back   FC STATE COM   PROPERTY   P.O. Box 2009, Amarillo, Texas 79189   Post same or Wilder   Plug Back	DISTRICT III 1000 Rio Brazos Rd., Azie	sc, NM 87410							
DRILL NAME OF STATE COM  Type of Well:  WELL NAME OF STATE COM  TO STATE	APPLICA	TION FOR PERMIT T	O DRILL, DEEPEN, O	OR PLUG BACK					
DRILL OF HOLE SIZE OF HOLE SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH SACKS OF CEMENT PROPOSED 12 1/4" 8 5/8" 248 200 150 six 'B1+22CG Surface 7 7/8" 1 1/2" 179 2580' 2388' 4.7\$ 2480'  Propose to spud well with 12 1/4" hole and drill to 200' and set 8 5/8" surface casing. Will cement with 150 sx of Class "B" and raise cement to surface. Will improve off drilling rig and move in completion. If successful, will then use 1/2" casing to 2580' and cement with 300 sx Pozmix followed by 250 sx Class "B" cement. Will move off drilling rig and move in completion. If successful, will then use 1/2" seement. Will move off drilling rig and move in completion. If successful, will then to surface. Not successful, will move off drilling rig and move in completion. If successful, will then to surface. Not successful, will move off drilling rig and move in completion. If successful, will then to SPACE SURFACE SUR				7. Lease Name or Unit Agreement Name					
Propose   Size of Hole   Size of Casing   Weight Perform   Setting Depth   Size of Casing   Weight Perform   Setting Depth   Size of Casing   Will cement with 150 sx of Class "B" and raise cement to surface asing   Will move off drilling rig and move in completion   Will move off drilling rig and move in completion   Will move off drilling rig and move in completion   Will move off drilling rig and move in completion   Will make to Status   Will Regulatory Agent   Will Respond to Not the Date of the past two completion   Will Regulatory Agent   Will Respond to the base of my however processed to the past two completion   Will Regulatory Agent   Will Respond to the past two completion   Will Regulatory Agent   Will Respond to the past two completion   Will Regulatory Agent   Will Respond to the past two completion   Will Regulatory Agent   Will Respond to the past two completion   Will Regulatory Agent   Will Respond to the past two completion   Will Regulatory Agent   Will Respond to the past two completion   Will Regulatory Agent   Will Respond to the past two completion   Will Regulatory Agent   Will Respond to the past two completion   Will Regulatory Agent   Will Respond to the past two completion   Will Regulatory Agent   Will Respond to the past two completion   Will Regulatory Agent   Will Respond to the past two completion   Will Regulatory Agent   Will Respond to the past two completion   Will Regulatory Agent   Will Regulatory   Will Regulatory   Will Regulatory   Will Regulatory   Will Regulatory   Will Regulatory   Will Regula	DRIL	L X RE-ENTER	DEEPEN	PLUG BACK	,				
Name of Operator   Name   Na	b. Type of Well:			_	FC STATE	COM			
Mesa Operating Limited Partnership  3. Address of Operating Limited Partnership  4. Wall Loration P.O. Box 2009, Amarillo, Texas 79189  5. Pool mans of Wildots Basin Fruitland Coal  4. Wall Loration Unit Lefter K: 1405 Feet From The South Line and 2720 Feet From The West Line Section 36 Township 30N Runge 9N NADM San Juan Country  10. Proposed Depth 2580 II. Formship III. Forms	MET MET	ОПЕВК		ZONE _					
3. Address of Operator P.O. Box 2009, Amarillo, Texas 79189  4. Well Cascion Unit Letter K: 1405 Feet Prom The South Line and 2720 Feet From The West Line Section 36 Township 30N Range 9W NMPM San Juan County  10. Proposed Depth 11. Formship 11. Formship 11. Formship 12. Rotary or C.T. Fruitland Coal Rotary 13. Elevations (Show whather DF, RT, GR, est.) 14. Kind & Shain Plag Bood 15. Drilling Contractor S750' GR  17. PROPOSED CASING AND CEMENT PROGRAM  SIZE OF HOLE SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH SACKS OF CEMENT EST. TOP 12. 1/4" 8. 5/8" 24# 200' 150 sx '8'+22CC Surface 17. 7/8" 5. 1/2" 17# 2580' 300 Poz/250 'B Surface 17. 7/8" 5. 1/2" 17# 2580' 300 Poz/250 'B Surface 17. To of 2580' with fresh water mud system. Will then log well and evaluate for possible commercial production. If successful, will then run 5. 1/2" casing to 2580' and cement with 300 sx Pozmix followed by 250 sx Class "B" cement. Will move off drilling rig and move in completion  APPROVAL EXPIRE CONTROL STRUCK BOOMER STRUCK BOOME	2. Name of Operator  Mesa Operat	ting Limited Part	nership		8. Well No. # 7				
4. Well Location  West Line  West Line  Socion 36 Township 30N Reage 9W NAMPM San Juan County  10 Proposed Depth 11. Formship 12. Rotary or CT.  Fruitland Coal 12. Rotary or CT.  Fruitland Coal 13. Drilling Contractor  Not Yet Determined 16. Approx. Date Work will stan  PROPOSED CASING AND CEMENT PROGRAM  SIZE OF HOLE SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH SACKS OF CEMENT EST. TOP  12 1/4" 8 5/8" 24# 200' 150 sx '8' 22' Surface  7 7/8" 5 1/2" 17# 2580' 300 Poz/250 'B Surface  Propose to spud well with 12 1/4" hole and drill to 200' and set 8 5/8" surface casing. Will cement with 150 sx of Class "B" and raise cement to surface. Will nipple up 3000 psi BOP assembly and drill 77/8" hole to  TD of 2580' with fresh water mud system. Will then log well and evaluate for possible commercial production. If successful, will then run 5 1/2" casing to 2580' and cement with 300 sx Pozmix followed by 250 sx Class "B" cement. Will move off drilling rig and move in completion  APPROVAL EXPIRES DESCRIBE PROPOSED PROGRAM: PROCOCCINE MOST DE SUBMITTED WITHIN 100 DAYS.  XC: NMOCD-Aztec (0+5), WF, Reg, Land, Expl., Drilling  Regulatory Agent  NABOVE SPACE DESCRIBE PROPOSED PROGRAM: PROCOCCINE  TIME  Regulatory Agent  THEPHONE NO.					9. Pool name or Wildcat				
Section 36 Township 30N Range 9W NMPM San Juan County    10 Proposed Depth   11. Formship   12. Rotary or CT.	P.O. Box 2009, Amarillo, Texas 79189				Basin Fruitland Coal				
10. Proposed Depth   11. Formstion   12. Rotary or CT.	· · · · · · · · · · · · · · · · · · ·	: 1405 Feet Pro	on The South	Line and 27	20 Feet From The	West Line			
10. Proposed Depth   11. Formation   12. Rotary or C.T.	Section	36 Townst	ip 30N Ran	nge 9W N	ı <b>mpm</b> San .	Juan County			
13. Bowelster DF, RT, GR, etc.   14. Kind & Suths Phy. Bond Blanket   15. Drilling Contractor Not Yet Determined   16. Approx. Date Work will stant   17.   16. Approx. Date Work will stant   17.   17.   18. Size OF HOLE   Size OF CASING   WEIGHT PER FOOT   SETTING DEPTH   SACKS OF CEMENT   EST. TOP   12. 1/4"   8. 5/8"   24#   200"   150 sx 'B'+2/2CC   Surface   7. 7/8"   5. 1/2"   1.7#   2580"   300 Poz/250 'B   Surface   2. 3/8"   4. 7#   2480"									
13. Devisions (Show whather DF, RT, GR, etc.)   14. Kind & Status Plug, Bond   15. Drilling Contractor   Not Yet Determined   16. Approx. Data Work will start   17.									
STEED FLOW   SIZE OF CASING   WEIGHT PER FOOT   SETTING DEPTH   SACKS OF CEMENT   EST. TOP	13 Elevations (Show wheel	or DF PT GP atc 1		<del></del>	<del></del>	<u> </u>			
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Propose to spud well with 12 1/4" hole and drill to 200' and set 8 5/8" surface casing. Will cement with 150 sx of Class "B" and raise cement to surface. Will nipple up 3000 psi BOP assembly and drill 7 7/8" hole to TD of 2580' with fresh water mud system. Will then log well and evaluate for possible commercial production. If successful, will then run 5 1/2" casing to 2580' and cement with 300 sx Pozmix followed by 250 sx Class "B" cement. Will move off drilling rig and move in completion unit. I Will move off drilling rig and move in completion UNIT. WILL SS DRILLING IN COMMENCED.  SPUD NOTICE MUST BE SUBMITTED  WITHIN 10 DAYS.  XC: NMOCD-Aztec (0+5), WF, Reg, Land, Expl., Drilling  IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: PRODUCTIVE EXPL. ON PRODUCTIVE ZONE AND PROJECTIVE ZONE AND PROJECTIVE TOWN PRODUCTIVE TOWN PRODUCTIVE TOWN PRODUCTIVE TILL REQUIRED THE PROPOSAL BY TOWN PRODUCTIVE TILL REQUIRED TOWN PRODUCTIVE TOWN PRO	/ //8"				300 Poz/250 'B	Surface			
SECONATURE REGulatory Agent 10/12/89  TYPE OR PRINT NAME  TELEPHONE NO.	surface casing. Will cement with 150 sx of Class "B" and raise cement to surface. Will nipple up 3000 psi BOP assembly and drill 7 7/8" hole to TD of 2580' with fresh water mud system. Will then log well and evaluate for possible commercial production. If successful, will then run 5 1/2" casing to 2580' and cement with 300 sx Pozmix followed by 250 sx Class "B" cement. Will move off drilling rig and move in completion That.  APPROVAL EXPIRES 434-90 UNLESS DRILLING IS COMMENCED.  SPUD NOTICE MUST BE SUBMITTED  WITHIN 10 DAYS.  xc: NMOCD-Aztec (0+5), WF, Reg, Land, Expl., Drilling  IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: PROPOSAL IS TO DEEPEN OR FLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND THE STANDARD CONTRACTOR								
TYPE OR PRINT NAME  TELEPHONE NO.  (This space for State Use)	I hereby certify that the infor	mation above is true and complete	to the best of my knowledge and	belief.					
(This space for State Use)	SIGNATURE	Mark	т	Regulatory A	gentDA	пе			
O CONTROL OF A CAS INCORPORATION OF THE CONTROL OF	TYPE OR FRENT NAME	·			THE	EPHONE NO.			
AMOUNT TIPE NAMED IN THE NAMED IN THE NAMED IN THE PARTY OF THE PARTY	(This space for State Use)	uis Bus		DEPUTY OIL & GAS INS	SPECTOR, DIST. #3	OCT 2 4 1989			

#### State of New Mexico Energy, Minerals and Natural Resources Department

DISTRICT | P.O. Box 1980, Hobba, NM 88240

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

DISTRICT II P.O. Drawer DD, Artesia, NM \$8210

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

### WELL LOCATION AND ACREAGE DEDICATION PLAT All Distances must be from the outer boundaries of the section

MESA OPERATING LIMITED PARTNERSHIP FC STATE COM Section Townsip County K 36 30 N 9 W San Juan **NMPM** 1405 South 2720 feet from the West feet from the Producing Formation Dedicated Acreege: 5750 Fruitland Coal Basin Fruitland Coal S/2 320 1. Outline the acreage dedicated to the subject well by colored pencil or hackure marks on the plat below.

Una Latter Actual Footage Location of Well: Ground level Elev. 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 interest of all owners been consolidated by communitization, unitization, force-pooling, etc.? ☐ No If answer is "yes" type of consolidation Communitization 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 interest, has been approved by the Division. 660 990 1320 1650 19**8**0 2310 **OPERATOR CERTIFICATION** TO SCALE NOT I hereby certify that the inform N 89°21'W 90.84 cm Fd. RM. stained herein in true and complete to the best of my browledge and belief. Signature Printed Name R. E. Mathis Position 20cm Regulatory Agent : Mesa Operating Ltd Ptnrshp 8 Date

ð Ю 21 **MESA** Amoco et al **MESA MESA** Ž Fee 2720 んな B-11479-22 E-5315 **MESA** Amoco et al O B-11479-21 B-11479-10 B-11479-20 E-1641

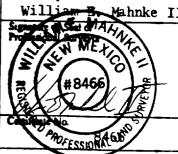
10/12/89

# SURVEYOR CERTIFICATION

I hereby certify that the well location at on this plat was platted from field notes a actual surveys made by me o correct to the best of my knowledge and belief.

10-5-89 Date Surveyed

Mahnke II



N 88°22'W

90.92 cm