

ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION



February 20, 1987

GARREY CARRUTHERS  
GOVERNOR

Marbob Energy Corporation  
P. O. Drawer 217  
Artesia, New Mexico 88210

POST OFFICE BOX 2088  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87501  
(505) 827-5800

Attention: Carolyn Purcella

Re: Administrative Order NFL-154

Dear Ms. Purcella:

Reference is made to your application for an Infill Well Finding and Well-Spacing Waiver made pursuant to Section 271.305(b) of the Federal Energy Regulatory Commission regulations, Natural Gas Policy Act of 1978, and Oil Conservation Division Order No. R-6013 for the following described well:

Turkey Track Section 3 Unit Well No. 29  
located 1650 feet from the North line  
and 330 feet from the East line (Unit H)  
of Section 3, Township 19 South, Range  
29 East, NMPM, Turkey Track Seven Rivers  
Queen Grayburg San Andres Pool, Eddy  
County, New Mexico.

THE DIVISION FINDS THAT:

(1) Section 271.305(b) of the Federal Energy Regulatory Commission Interim Regulations promulgated pursuant to the Natural Gas Policy Act of 1978 provides that, in order for an infill well to qualify as a new onshore production well under Section 103 of said Act, the Division must find, prior to the commencement of drilling, that the well is necessary to effectively and efficiently drain a portion of the reservoir covered by the proration unit which cannot be so drained by any existing well within that unit, and must grant a waiver of existing well-spacing requirements.

(2) By Division Order No. R-6013, dated June 7, 1979, the Division established an administrative procedure whereby the Division Director and the Division Examiners are empowered to act for the Division and find that an infill well is necessary.

(3) The well for which a finding is sought is to be completed in the Turkey Track Seven Rivers Queen Grayburg San Andres Pool, and the standard spacing unit in said pool is 40 acres.

(4) A standard 40-acre oil proration unit comprising the SE/4 NE/4 (Unit H) of Section 3, Township 19 South, Range 29 East, is currently dedicated to the applicant's Turkey Track Section 3 Unit Wells Nos. 9, 19, and 21, all located in Unit H of said Section 3.

(5) Said unit is not being effectively and efficiently drained by the existing wells on the unit.

(6) The drilling and completion of the well for which a finding is sought should result in the production of an additional 10,884 MCF of gas from the proration unit which would not otherwise be recovered.

(7) All the requirements of Division Order No. R-6013 have been complied with, and the well for which a finding is sought is necessary to effectively and efficiently drain a portion of the reservoir covered by said proration unit which cannot be so drained by any existing well within the unit.

(8) In order to permit effective and efficient drainage of said proration unit, the subject application should be approved as an exception to the standard well spacing requirements for the pool.

IT IS THEREFORE ORDERED THAT:

(1) The applicant is hereby authorized to drill the Turkey Track Section 3 Unit Well No. 29 as described above, as an infill well on the existing 40-acre standard oil proration unit comprising the SE/4 NE/4 (Unit H) of Section 3, Township 19 South, Range 29 East, NMPM, Turkey Track Seven Rivers Queen Grayburg San Andres Pool, Eddy County, New Mexico. The authorization for infill drilling granted by this order is an exception to applicable well spacing requirements and is necessary to permit the drainage of a portion of the reservoir covered by said proration unit which cannot be effectively and efficiently drained by any existing well thereon.

(2) Jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

Sincerely,



Michael E. Stogner  
Examiner

xc: N.M.O.C.D. - Artesia

NFL 2914

Request for Infill Finding on  
Turkey Track Sec. 3 Unit #29  
in accordance with Administrative  
Procedures amended February 8, 1980.

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DEC 31 1984

O. C. D.

ARTESIA OFFICE

5A. Indicate Type of Lease

STATE ☒ PER ☐

5. State Oil &amp; Gas Lease No.

B-8876

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. Type of Well

OIL WELL ☒GAS WELL ☐

OTHER

SINGLE ZONE ☒MULTIPLE ZONE ☐

2. Name of Operator

Marbob Energy Corporation

3. Address of Operator

P.O. Drawer 217, Artesia, N.M. 88210

4. Location of Well

UNIT LETTER H

LOCATED 1650

FEET FROM THE North

LINE

AND 330

FEET FROM THE East

LINE OF SEC. 3

TWP. 19S

SEC. 29E

NMPM

7. Unit Agreement Name

8. Farm or Lease Name

Turkey Track Sec. 3 Ut

9. Well No.

29

10. Field and Pool, or Wildcat

Turkey Track SR Q G SA

12. County

Eddy

19. Proposed Depth

3000'

19A. Formation

Grayburg

20. Rotary or C.T.

Rotary

1. Elevations (Show whether D.F., R.T., etc.)

3415' GR

21A. Kind &amp; Status Plug. Bond

Statewide active

21B. Drilling Contractor

Larue Drilling Co.

22. Approx. Date Work will start

1/7/84

23.

## 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#	300'	Sufficient to circulate	
7 7/8"	5 1/2"	15.50#	3000'	400 sax	

We propose to drill to approximately 300', run 8 5/8", circulate cement, drill on to test the Grayburg formation at approximately 3000', run 5 1/2" casing and cement. We do not anticipate gas at this depth and will not set up a blowout preventer program at this time.

APPROVAL VALID FOR 180 DAYS  
PERMIT EXPIRES 7-3-85  
UNLESS DRILLING UNDERWAY

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 Charles P. Russell Title Production Clerk Date 12/31/84

(Leave space for State Use)

APPROVED W. J. Williams TITLE OIL AND GAS INSPECTOR DATE JAN 3 1985

CONDITIONS OF APPROVAL, IF ANY:

**N MEXICO OIL CONSERVATION COMMISS**  
**WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102  
 Supersedes C-128  
 Effective 1-1-65

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

Operator <b>MARBOB ENERGY CORP.</b>			Lease <b>TURKEY TRACK SECTION 3 UNIT</b>		Well No. <b>29</b>
Unit Letter <b>H</b>	Section <b>3</b>	Township <b>19S</b>	Range <b>29E</b>	County <b>EDDY</b>	
Actual Footage Location of Well: <b>1650</b> feet from the <b>NORTH</b> line and <b>330</b> feet from the <b>EAST</b> line					
Ground Level Elev. <b>3415.0</b>	Producing Formation <b>San Andres</b>	Pool <b>Turkey Track SR Qn Grbg SA</b>		Dedicated Acreage: <b>40</b> 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 \_\_\_\_\_

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.

<b>Turkey Track Sec. 3 ut. #9 - MARBOB OPERATOR -</b> <b>COMPL. 8/44 - Cum. 23,403 bbl. -</b> <b>12/84</b>		1650'
<b>Turkey Track Sec. 3 ut. #19 - MARBOB OPERATOR</b> <b>COMPL. 12/79 - GRAYBURG -</b> <b>Cum. 9009 bbl. - 12/84</b>		0-330'
<b>Turkey Track Sec. 3 ut. #21 -</b> <b>MARBOB OPER. - COMPL. 3/80 - QUEEN,</b> <b>GRAYBURG - 12,090 bbl. Cum. -</b> <b>12/84</b>		0-21'

**CERTIFICATION**

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

*Carolyn Purcella*  
 Name

**Carolyn Purcella**

Position

**Production Clerk**

Company

**Marbob Energy Corporation**

Date

**11/14/84**

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

**10/1/84**

Registered Professional Engineer and/or Land Surveyor

*John W. West*

Certificate No. **JOHN W. WEST, 676**

**RONALD J. EIDSON, 3239**

0 320 660 1000 1320 1660 2000 2320 2640 2960 3280 3600 3920 4240 4560 4880 5200 5520 5840 6160 6480 6800 7120 7440 7760 8080 8400 8720 9040 9360 9680 10000



42-381 50 SHEETS 5 SQUARE  
42-382 100 SHEETS 5 SQUARE  
42-389 200 SHEETS 5 SQUARE  
Made in U.S.A.

*Marbob Energy Corporation*

*Turkey Tract Sec. 3 Unit Well No. 9*

*1980' FAL - 660' FEL*

*Spud: 6/4/44*

*Turkey Tract SR - On - Grid - SR Completion*

*Cumulative Production as of 12/31/84*

*Gas - 13850 MCF*

*O.I. - 23403 A.O.*

*Marbob Energy Corporation*

*Turkey Tract Sec. 3 Unit Well No. 19*

*1650' FAL - 950' FEL*

*Spud: 12/10/79*

*Turkey Tract SR - On - Grid - SR Completion*

*Cumulative Production as of 12/31/84*

*Gas - 76587 MCF*

*O.I. - 9009 A.O.*

*Marbob Energy Corporation*

*Turkey Tract Sec. 3 Unit Well No. 21*

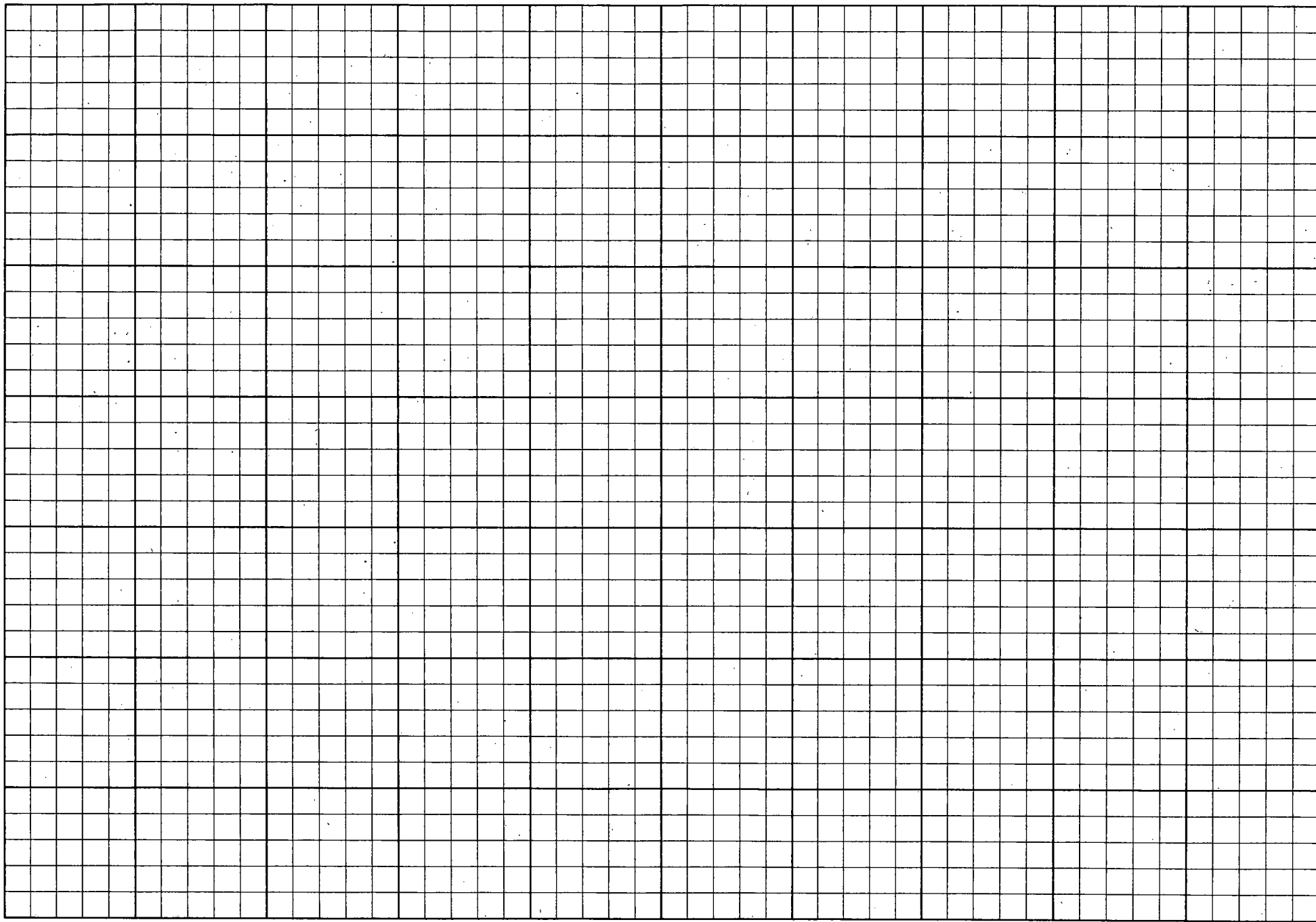
*2310' FAL - 330' FEL*

*Spud: 3/3/80*

*Turkey Tract SR - On - Grid - SR Completion*

*Gas - 55218 MCF*

*O.I. - 12090 A.O.*





42-381 50 SHEETS 5 SQUARE  
42-382 100 SHEETS 10 SQUARE  
42-389 200 SHEETS 20 SQUARE  
MADE IN U. S. A.

*Marbob Energy Corporation*

*Turkey Track Sec. Unit Well No. 29*

*1650' PAD - 330' FEEL*

*Spud: 1/6/84*

*Turkey Track SR - On - 6-6-84 - SR Completion*

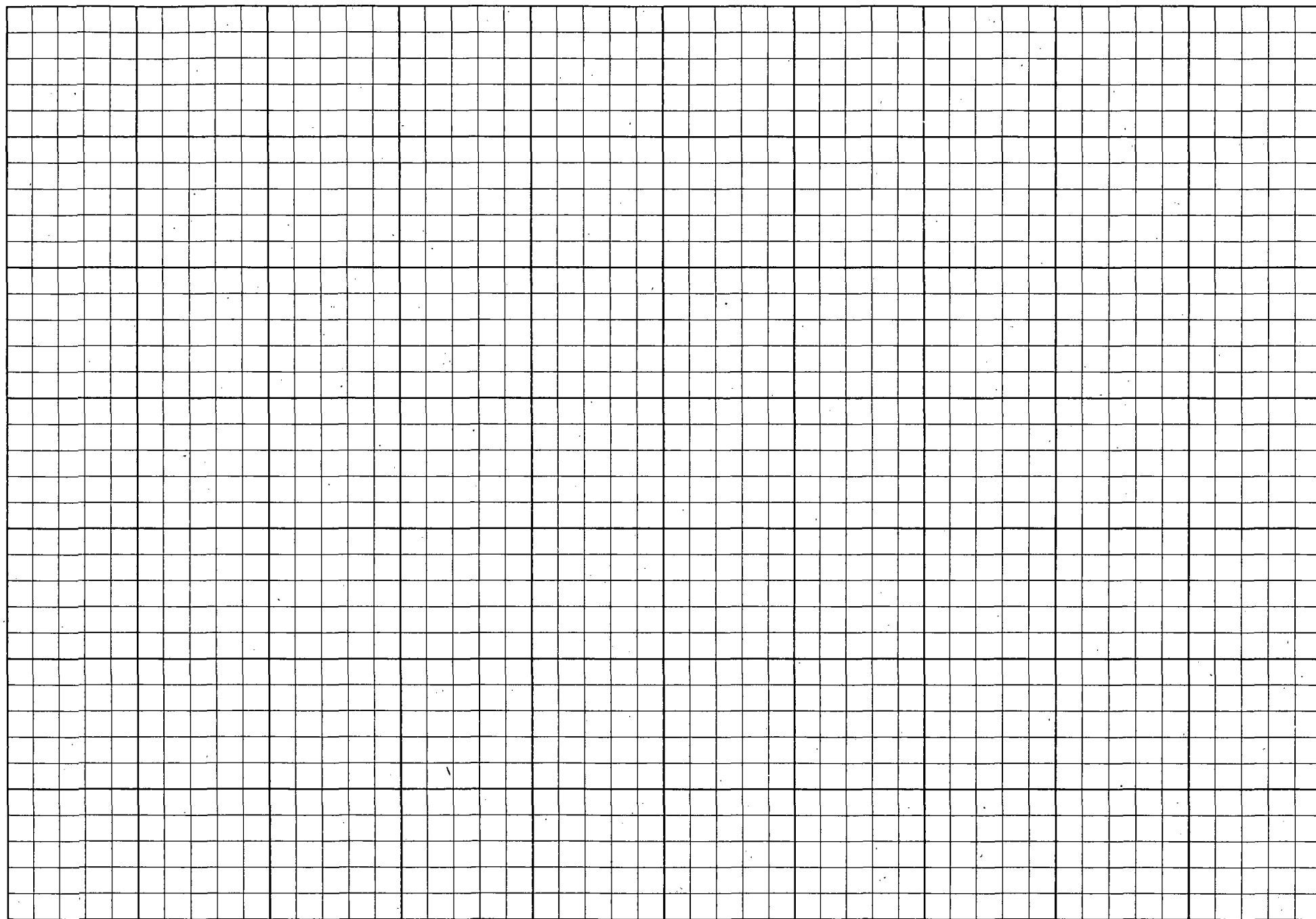
*Cumulative Production as of 12/31/84*

*Gas - 0*

*Oil - 0*

*Not connected until 2/1/85*





Rule 6:

*Turkey Track Sec. 3 Unit #29*

*Pool: Turkey Track Seven Rivers Queen Grayburg San Andres*

*Standard spacing unit: 40 acres*

Rule 7:

*NA*

Rule 8:

- a. Turkey Track Sec. 3 Unit #29 - 1650 FNL 330 FEL Sec. 3-T19S-R29E  
Turkey Track Sec. 3 Unit #9 - 1980 FNL 660 FEL Sec. 3-T19S-R29E  
Turkey Track Sec. 3 Unit #19 - 1650 FNL 950 FEL Sec. 3-T19S-R29E  
Turkey Track Sec. 3 Unit #21 - 2310 FNL 330 FEL Sec. 3-T19S-R29E
- b. #29 - 1/6/85  
#9 - 3/4/44  
#19 - 12/10/79  
#21 - 3/3/80
- c. #29 - 2/1/85  
#9 - 8/31/44  
#19 - 12/29/79  
#21 - 3/26/80
- d. None
- e. #29 - 43 bbl oil, 102 mcf gas/day  
#9 - 1 bbl oil, 3 mcf gas/day  
#19 - 2 bbl oil, 23 mcf gas/day  
#21 - 3 bbl oil, 18 mcf gas/day
- f. None
- g. The #29 well was drilled because the low permeability and low quality solution gas recovery mechanism requires reduced spacing to efficiently drain the reservoir. The existing wells current rate of gas production appear to be unaffected by the new production and draining of the reservoir by the new well. Since the #29 did experience new reservoir type conditions we feel the additional drilling was justified.

# Paul G. White Engineering

OIL AND NATURAL GAS

February 25, 1985

Marbob Energy Corporation  
P.O. Drawer 217  
Artesia, New Mexico 88210

Re: Pertinent Engineering Data  
Turkey Track Section 3 Unit Well No. 29  
Turkey Track SR-Q-GR-SA  
Eddy County, New Mexico

Gentlemen:

The subject well, located 1650' FNL and 330' FEL, Section 3-T19S-R29E, Eddy County, New Mexico was completed on February 1, 1985.

I have estimated the oil and gas reserves for the subject well based on a 20 acre well density. From the electrical log and analagous well studies I have estimated that the well will recover 27,210 barrels of oil and 10,884 MCF of gas.

A study of nearby producing well rates and initial potentials reveals that wells will have to be drilled on a 20 acre spacing to properly and adequately recover the oil and gas reserves in this field.

Therefore, it is my recommendation that in-fill wells be drilled and the well density be increased to at least 20 acre spacing.

From my study the in-fill wells will characteristically exhibit new reservoir conditions.

Signed

Paul G. White

Petroleum Engineer

Date

2-25-85

PGW/sf

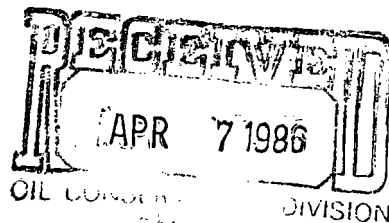


Rule 11:

Notice of this infill request has been sent to Tenneco Oil Exploration & Production Co., 7990 I.H. 10 West, San Antonio, Texas 78230.

# Paul G. White Engineering

OIL AND NATURAL GAS



April 4, 1986

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

Attn: Mr. Michael Stogner

Re: Marbob Energy Corporation  
Well Head Price Ceiling Determination  
NGPA of 1978

Dear Mike:

My studies for in-fill drilling and increased density of well bores to properly drain and produce reserves indicated that at least 20 acre spacing was necessary for the subject areas which were filed on.

Actually, the well density in my opinion could go to ten (10) acre spacing if pricing and economics will allow this.

The new wells exhibit starting rates which indicate an undisturbed reservoir even when drilled on the 10 acre proration units. Further, the very low order of permeability requires very large fracture treatments and stimulations for a well to respond and produce any hydrocarbons. None are produced naturally. Thirdly, there has been no evidence of any drainage or communication between the wells when drilled and developed on the 10 acre density.

Please refer to Marbob's application for the Amoco State A Well Nos. 2 and 3 and the Turkey Tract Section 3 Unit Well Nos. 28 and 29. These in-fill wells are characterized by the criteria as set out above. I respectfully request that you therefore, approve Marbob's applications.

Thanks for your help.

Best regards,

A handwritten signature in cursive script that reads "Paul G. White".

Paul G. White

cc: Marbob Energy Corporation  
Mr. Ray Miller

ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION



February 20, 1987

GARREY CARRUTHERS  
GOVERNOR

Marbob Energy Corporation  
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Attention: Carolyn Purcella

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THE DIVISION FINDS THAT:

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(2) By Division Order No. R-6013, dated June 7, 1979, the Division established an administrative procedure whereby the Division Director and the Division Examiners are empowered to act for the Division and find that an infill well is necessary.

(3) The well for which a finding is sought is to be completed in the Turkey Track Seven Rivers Queen Grayburg San Andres Pool, and the standard spacing unit in said pool is 40 acres.



(4) A standard 40-acre oil proration unit comprising the SE/4 NE/4 (Unit H) of Section 3, Township 19 South, Range 29 East, is currently dedicated to the applicant's Turkey Track Section 3 Unit Wells Nos. 9, 19, and 21, all located in Unit H of said Section 3.

(5) Said unit is not being effectively and efficiently drained by the existing wells on the unit.

(6) The drilling and completion of the well for which a finding is sought should result in the production of an additional 10,884 MCF of gas from the proration unit which would not otherwise be recovered.

(7) All the requirements of Division Order No. R-6013 have been complied with, and the well for which a finding is sought is necessary to effectively and efficiently drain a portion of the reservoir covered by said proration unit which cannot be so drained by any existing well within the unit.

(8) In order to permit effective and efficient drainage of said proration unit, the subject application should be approved as an exception to the standard well spacing requirements for the pool.

IT IS THEREFORE ORDERED THAT:

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Sincerely,



Michael E. Stogner  
Examiner

xc: N.M.O.C.D.- Artesia

ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION



February 20, 1987

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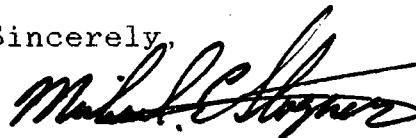
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Examiner

xc: N.M.O.C.D.- Artesia

ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION



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Examiner

xc: N.M.O.C.D.- Artesia

Request for Infill Finding on  
Turkey Track Sec. 3 Unit #29  
in accordance with Administrative  
Procedures amended February 8, 1980

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DEC 31 1984

O. C. D.

ARTESIA OFFICE

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1a. Type of Work

## b. Type of Well

DRILL ☒DEEPEN ☐PLUG BACK ☐OIL  
WELL ☒GAS  
WELL ☐

OTHER

SINGLE  
ZONE ☒MULTIPLE  
ZONE ☐

## 2. Name of Operator

Marbob Energy Corporation

## 3. Address of Operator

P.O. Drawer 217, Artesia, N.M. 88210

## 4. Location of Well

UNIT LETTER HLOCATED 1650FEET FROM THE North LINEAND 330FEET FROM THE EastLINE OF SEC. 3TWP. 19SRGE. 29E

## 7. Unit Agreement Name

## 8. Farm or Lease Name

Turkey Track Sec. 3 U

## 9. Well No.

29

## 10. Field and Pool, or Wildcat

Turkey Track SR O G SA

## 12. County

Eddy

## 11. Elevations (Show whether DF, RT, etc.)

3415' GR

## 21A. Kind &amp; Status Plug. Bond

Statewide active

## 19. Proposed Depth

3000'

## 19A. Formation

Grayburg

## 20. Rotary or C.T.

Rotary

## 21B. Drilling Contractor

Larue Drilling Co.

## 22. Approx. Date Work will start

1/7/84

23.

## 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#	300'	Sufficient to circulate	
7 7/8"	5 1/2"	15.50#	3000'	400 sax	

We propose to drill to approximately 300', run 8 5/8", circulate cement, drill on to test the Grayburg formation at approximately 3000', run 5 1/2" casing and cement. We do not anticipate gas at this depth and will not set up a blowout preventer program at this time.

APPROVAL VALID FOR 180 DAYS  
PERMIT EXPIRES 7-3-85  
UNLESS DRILLING UNDERWAY

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 Cathy Purcell Title Production Clerk

Date 12/31/84

(This space for State Use)

APPROVED BY W. J. Williams TITLE OIL AND GAS INSPECTOR

DATE JAN 3 1985

CONDITIONS OF APPROVAL, IF ANY:

N MEXICO OIL CONSERVATION COMMISS  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-128  
Effective 1-1-65

All distances must be from the outer boundaries of the Section

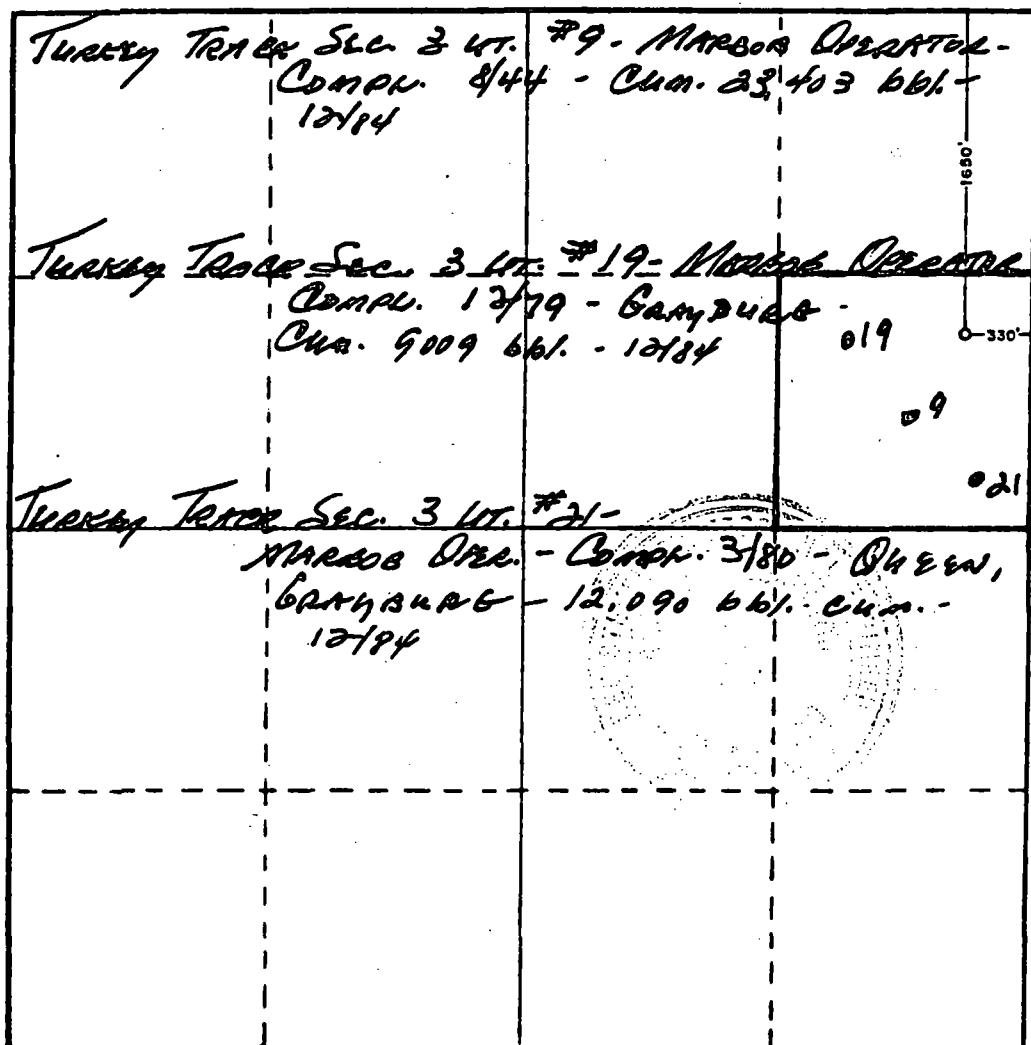
Operator <b>MARBOB ENERGY CORP.</b>			Lease <b>TURKEY TRACK SECTION 3 UNIT</b>		Well No. <b>29</b>
Unit Letter <b>H</b>	Section <b>3</b>	Township <b>19S</b>	Range <b>29E</b>	County <b>EDDY</b>	
Actual Footage Location of Well: <b>1650</b> feet from the <b>NORTH</b> line and <b>330</b> feet from the <b>EAST</b> line					
Ground Level Elev. <b>3415.0</b>	Producing Formation <b>San Andres</b>	Pool <b>Turkey Track SR On Grbg SA</b>		Dedicated Acreage: <b>40</b> 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 \_\_\_\_\_

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.

*Carolyn Purcella*  
Name

Carolyn Purcella

Position  
Production Clerk

Company  
Marbob Energy Corporation

Date  
11/14/84

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  
10/1/84

Registered Professional Engineer and/or Land Surveyor

*John W. West*

Certificate No. **JOHN W. WEST, 676**  
**RONALD J. EIDSON, 3239**

0 320 640 960 1280 1600 1920 2240 2560 2880 3200 3520 3840 4160 4480 4800 5120 5440 5760 6080 6400 6720 7040 7360 7680 8000 8320 8640 8960 9280 9600 9920 10240 10560 10880 11200 11520 11840 12160 12480 12800 13120 13440 13760 14080 14400 14720 15040 15360 15680 16000 16320 16640 16960 17280 17600 17920 18240 18560 18880 19200 19520 19840 20160 20480 20800 21120 21440 21760 22080 22400 22720 23040 23360 23680 24000 24320 24640 24960 25280 25600 25920 26240 26560 26880 27200 27520 27840 28160 28480 28800 29120 29440 29760 30080 30400 30720 31040 31360 31680 32000 32320 32640 32960 33280 33600 33920 34240 34560 34880 35200 35520 35840 36160 36480 36800 37120 37440 37760 38080 38400 38720 39040 39360 39680 40000 40320 40640 40960 41280 41600 41920 42240 42560 42880 43200 43520 43840 44160 44480 44800 45120 45440 45760 46080 46400 46720 47040 47360 47680 48000 48320 48640 48960 49280 49600 49920 50240 50560 50880 51200 51520 51840 52160 52480 52800 53120 53440 53760 54080 54400 54720 55040 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Rule 6:

Turkey Track Sec. 3 Unit #29

Pool: Turkey Track Seven Rivers Queen Grayburg San Andres

Standard spacing unit: 40 acres

Rule 7:

NA

Rule 8:

- a. Turkey Track Sec. 3 Unit #29 - 1650 FNL 330 FEL Sec. 3-T19S-R29E  
Turkey Track Sec. 3 Unit #9 - 1980 FNL 660 FEL Sec. 3-T19S-R29E  
Turkey Track Sec. 3 Unit #19 - 1650 FNL 950 FEL Sec. 3-T19S-R29E  
Turkey Track Sec. 3 Unit #21 - 2310 FNL 330 FEL Sec. 3-T19S-R29E
- b. #29 - 1/6/85  
#9 - 3/4/44  
#19 - 12/10/79  
#21 - 3/3/80
- c. #29 - 2/1/85  
#9 - 8/31/44  
#19 - 12/29/79  
#21 - 3/26/80
- d. None
- e. #29 - 43 bbl oil, 102 mcf gas/day  
#9 - 1 bbl oil, 3 mcf gas/day  
#19 - 2 bbl oil, 23 mcf gas/day  
#21 - 3 bbl oil, 18 mcf gas/day
- f. None
- g. The #29 well was drilled because the low permeability and low quality solution gas recovery mechanism requires reduced spacing to efficiently drain the reservoir. The existing wells current rate of gas production appear to be unaffected by the new production and draining of the reservoir by the new well. Since the #29 did experience new reservoir type conditions we feel the additional drilling was justified.

# Paul G. White Engineering

OIL AND NATURAL GAS

February 25, 1985

Marbob Energy Corporation  
P.O. Drawer 217  
Artesia, New Mexico 88210

Re: Pertinent Engineering Data  
Turkey Track Section 3 Unit Well No. 29  
Turkey Track SR-Q-GR-SA  
Eddy County, New Mexico

Gentlemen:

The subject well, located 1650' FNL and 330' FEL, Section 3-T19S-R29E, Eddy County, New Mexico was completed on February 1, 1985.

I have estimated the oil and gas reserves for the subject well based on a 20 acre well density. From the electrical log and analagous well studies I have estimated that the well will recover 27,210 barrels of oil and 10,884 MCF of gas.

A study of nearby producing well rates and initial potentials reveals that wells will have to be drilled on a 20 acre spacing to properly and adequately recover the oil and gas reserves in this field.

Therefore, it is my recommendation that in-fill wells be drilled and the well density be increased to at least 20 acre spacing.

From my study the in-fill wells will characteristically exhibit new reservoir conditions.

Signed Paul G. White  
Petroleum Engineer

Date 2-25-85

PGW/sf



32° 45' 00"

T 18 S

T 19 S

32°

Rule 11:

Notice of this infill request has been sent to Tenneco Oil Exploration  
& Production Co., 7990 I.H. 10 West, San Antonio, Texas 78230.