

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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

ADMINISTRATIVE ORDER
NFL 93

INFILL DRILLING FINDINGS 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

I.
Operator Maribob Energy Corp. Well Name and No. NG Phillips State Well No. 33
Location: Unit I Sec. 27 Twp. 17S Rng. 28E Cty. Eddy

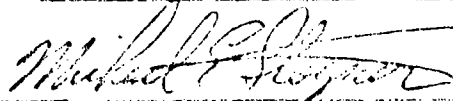
II.
THE DIVISION FINDS:

- (1) That 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) That by 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) That the well for which a finding is sought is to be completed in the Artesia Queen Grayburg San Andres Pool, and the standard spacing unit in said pool is 40 acres.
- (4) That a 40 -acre proration unit comprising the NE/4 SE/4 of Sec. 27, Twp. 17S, Rng. 28E, is currently dedicated to the NG Phillips State Well No. 4 located in Unit I of said section.
- (5) That this proration unit is (☒) standard (☐) nonstandard; if nonstandard, said unit was previously approved by Order No. NA.
- (6) That said proration unit is not being effectively and efficiently drained by the existing well(s) on the unit.
- (7) That the drilling and completion of the well for which a finding is sought should result in the production of an additional 17,912 MCF of gas from the proration unit which would not otherwise be recovered.
- (8) That all the requirements of Order No. R-6013 have been complied with, and that 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.
- (9) That 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:

- (1) That the applicant is hereby authorized to drill the well described in Section I above as an infill well on the existing proration unit described in Section II(4) above. 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) That jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on this 13 day of September, 19 84.


DIVISION DIRECTOR

EXAMINER

Rec. 7/20/84

OIL CONSERVATION DIVISION

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

ADMINISTRATIVE ORDER

NFL

93

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTINFILL DRILLING FINDINGS 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-A

I.

Operator Marbob Energy Corporation Well Name and No. NE Phillips State Well No. 33
Location: Unit I Sec. 27 Twp. 17 South Rng. 28 East Cty. Eddy

II.

THE DIVISION FINDS:

- (1) That Section 271.305(b) of the Federal Energy Regulatory Commission 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 that the infill 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.
- (2) That by Order No. R-6013-A, dated February 8, 1980, 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) That the well for which a finding is sought is completed in the Artesia Queen Grayburg San Andres Pool, and the standard spacing unit in said pool is 40 acres.
- (4) That a 40-acre proration unit comprising the NE 1/4 SE 1/4 of Sec. 27, Twp. 17 South, Rng. 28 East, is currently dedicated to the NE Phillips State Well No. 4 located in Unit I of said section.
- (5) That this proration unit is (☒) standard () nonstandard; if nonstandard, said unit was previously approved by Order No. NA.
- (6) That said proration unit is not being effectively and efficiently drained by the existing well(s) on the unit.
- (7) That the drilling and completion of the well for which a finding is sought should result in the production of an additional 17,912 MCF of gas from the proration unit which would not otherwise be recovered.
- (8) That all the requirements of Order No. R-6013-A have been complied with, and that 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.
- (9) That in order to permit effective and efficient drainage of said proration unit, the subject application should be approved.

IT IS THEREFORE ORDERED:

- (1) That the applicant is hereby authorized to drill the well described in Section I above as an infill well on the existing proration unit described in Section II(4) above. The authorization for infill drilling granted by this order 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) That jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on this _____ day of _____, 19____.

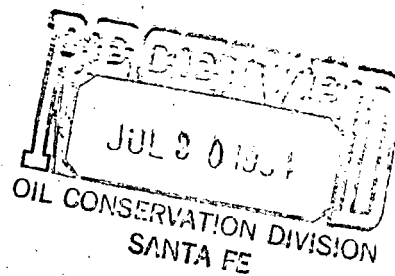
DIVISION DIRECTOR _____

EXAMINER J

Request for Infill Finding on

NG Phillips St. #33

in accordance with Administrative
Procedures amended February 8, 1980



API # 30-015-24532

Form C-101
Revised 10-1-78

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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

JUL 21 1983

O. C. D.

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

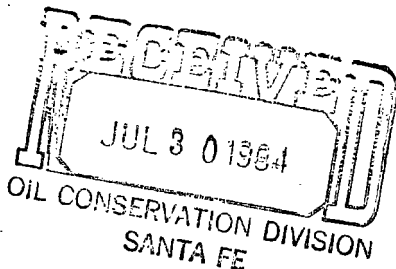
5A. Indicate Type of Lease
STATE ☒ PER ☐
5. State Oil & Gas Lease No.
B-2071

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work
b. Type of Well
OIL WELL ☒ GAS WELL ☐ OTHER ☐
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 I LOCATED 1650 FEET FROM THE South LINE
AND 455 FEET FROM THE East LINE OF SEC. 27 TWP. 17S RGE. 28E NMPM
19. Proposed Depth
3000'
19A. Formation
San Andres
20. Rotary or C.T.
Rotary
21. Elevations (Show whether DF, KI, etc.)
3661.3' GR
21A. Kind & Status Plug. Bond
Statewide active
21B. Drilling Contractor
Artesia Fishing Tool
22. Approx. Date Work will start
7/25/83

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#	500'	300	Circulate
7 7/8"	5 1/2"	15.50#	3000'	600	Attempt to circ

We propose to drill to 500', run 8 5/8" casing and cement, drill on to 3000' to test the San Andres formation, run 5 1/2" casing and cement.



APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 1-25-84
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 Carolyn Orris Title Production Clerk Date 7/20/83

(This space for State Use)

APPROVED BY Mike Walker TITLE OIL AND GAS INSPECTOR DATE JUL 25 1983

CONDITIONS OF APPROVAL, IF ANY:

**MEXICO OIL CONSERVATION COMMISSION
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

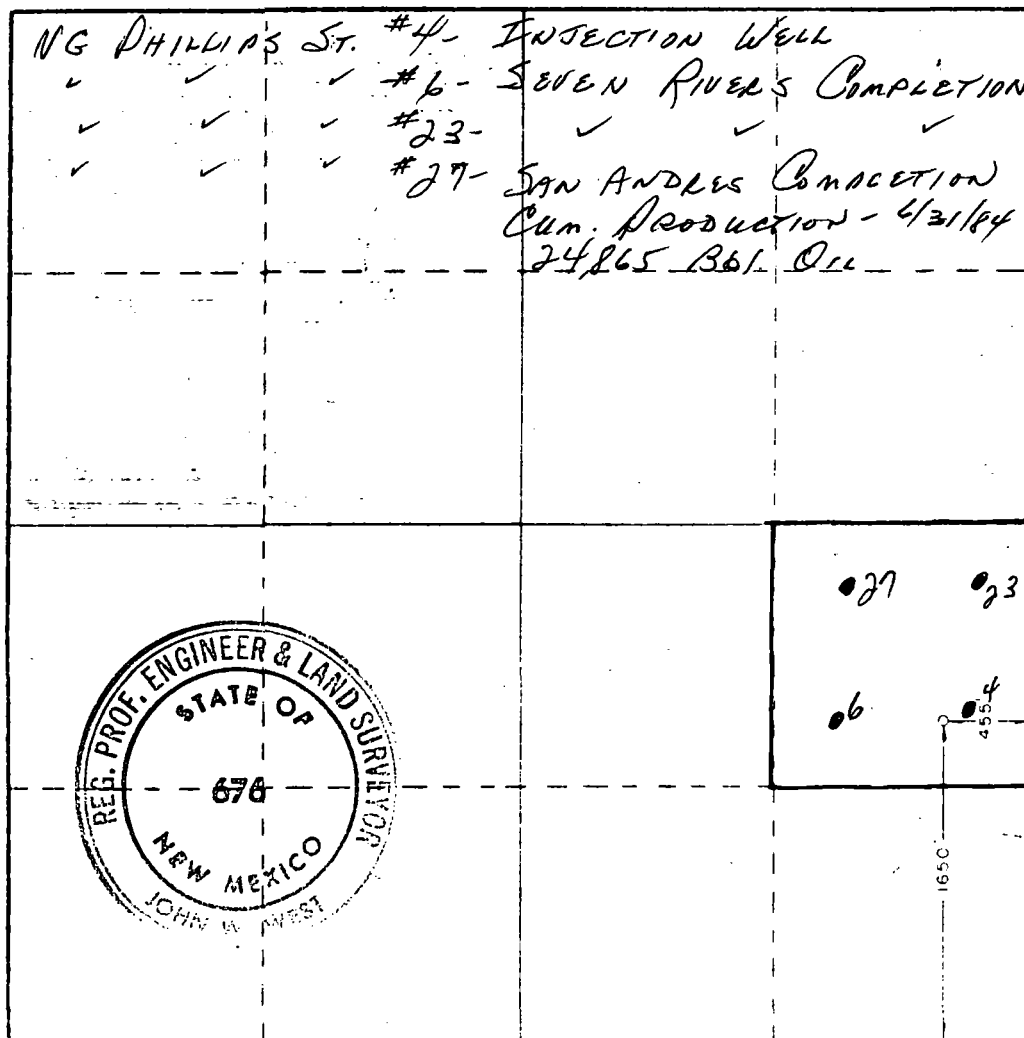
Operator Marbob Energy Corp.			Lease N. G. Phillips State		Well No. 33
Tract Letter I	Section 27	Township 17 South	Range 28 East	County Eddy	
Actual Footage Location of Well: 1650 feet from the south line and 455 feet from the east line					
Ground Level Elev. 3661.3'	Producing Formation San Andres		Pool Artesia On Grbg SA		Dedicated Acreage: 40 Acres

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

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

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 Orris

Name
Carolyn Orris

Position
Production Clerk

Company
Marbob Energy Corporation

Date
7/20/83

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

July 19, 1983

Registered Professional Engineer
and/or Land Surveyor

John W. West

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

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

Rule 6:

NG Phillips St. #33

Artesia Queen Grayburg San Andres

Standard spacing unit: 40 acres.

Rule 7:

NA

Rule 8:

- a. NG Phillips St. #33 - 1650 FSL 455 FEL Sec. 27-T17S-R28E
NG Phillips St. #27 - 2264.4 FSL 977.8 FEL Sec. 27-T17S-R28E
- b. #33 - 7/23/83
#27 - 4/5/81
- c. #33 - 8/1/83
#27 - 5/19/81
- d. None
- e. #33 - 17 bbl. oil/ 10 mcf gas/day
#27 - 30 bbl oil, 150 mcf gas/day
- f. NA
- g. The NG Phillips St. #4 is TD'd above the highest perforation in the #33 well and could not be commercially drilled to a deeper depth to drain the reservoir. The NG Phillips St. #33 was drilled because the low permeability and low quality solution gas recovery mechanism require reduced spacing to efficiently drain the reservoir. Since both the #27 and #33 experienced new reservoir type conditions we feel the additional drilling was justified.

Paul G. White Engineering

OIL AND NATURAL GAS

July 13, 1984

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

Re: Pertinent Engineering Data
NG Phillips State No. 33
Artesia Queen Grayburg - San Andres
Eddy County, New Mexico 88210

Gentlemen:

The subject well, located 1650' FSL and 455' FEL, Section 27-T17S-R28E, Eddy County, New Mexico was completed August 1, 1983.

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 27,050 barrels of oil and 17,912 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.

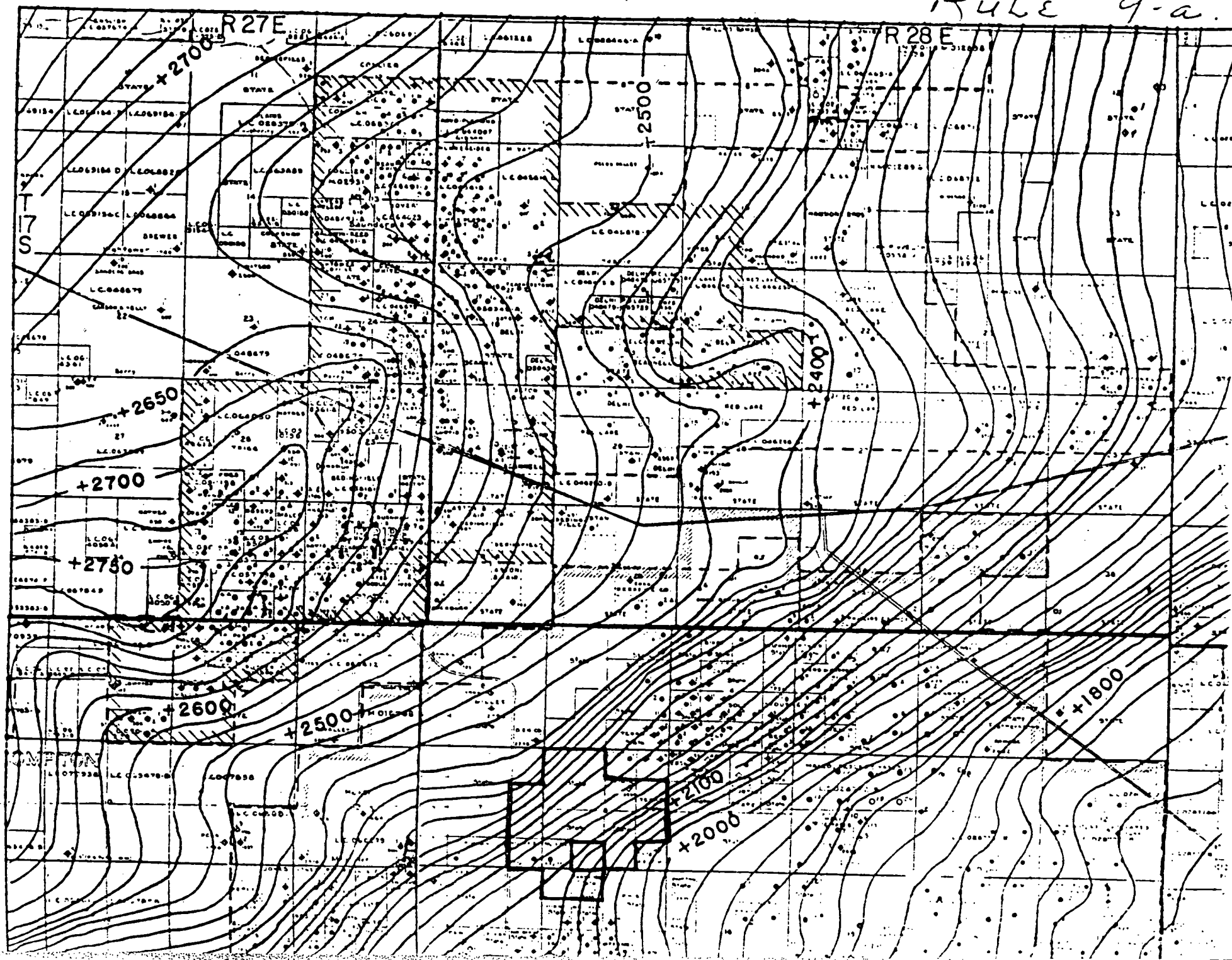
Therefore, it is my recommendation that in-fill wells be drilled and the well density be increased to at least 20 acre spacing.

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

Signed Paul G. White
Petroleum Engineer
Date July 13, 1984

PGW/sf

RULE 9-a.



Rule 11:

Notice of this infill request has been sent to Depco, Inc., 1000 Petroleum Bldg., Denver, Colorado 80202; Hondo Oil & Gas Co., P.O. Box 1610, Midland, Texas 79702; Yates Petroleum Corporation, 207 So. 4th St., Artesia, N.M. 88210.

Request for Infill Finding on

NG Phillips St. #33

in accordance with Administrative

Procedures amended February 8, 1980

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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

API# 30-615-24532

Form C-101
Revised 10-1-78

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

JUL 21 1983

O.C.D.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5A. Indicate Type of Lease
STATE ☒ PER ☐
5. State Oil & Gas Lease No.
B-2071

7. Unit Agreement Name

8. Farm or Lease Name
NG Phillips St.

9. Well No.
33

10. Field and Pool, or Wildcat
Artesia On Grbg SA

12. County
Eddy

1a. Type of Work
b. Type of Well
OIL WELL ☒ GAS WELL ☐ OTHER ☐
DEEPEN ☐ PLUG BACK ☐
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 I LOCATED 1650 FEET FROM THE South LINE
AND 455 FEET FROM THE East LINE OF SEC. 27 TWP. 17S R. 28E N.M.P.M.

11. Elevations (show whether R/L, etc.) 3661.3' GR	21A. Kind & Status Plug. Bond Statewide active	21B. Drilling Contractor Artesia Fishing Tool	22. Approx. Date Work will start 7/25/83
---	---	--	---

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#	500'	300	Circulate
7 7/8"	5 1/2"	15.50#	3000'	600	Attempt to circ

We propose to drill to drill to 500', run 8 5/8" casing and cement, drill on to 3000' to test the San Andres formation, run 5 1/2" casing and cement.

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 1-25-84
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 Carolyn Orsi Title Production Clerk Date 7/20/83
(This space for State Use)

APPROVED BY Mr. Walker TITLE OIL AND GAS INSPECTOR DATE JUL 25 1983
CONDITIONS OF APPROVAL, IF ANY:

**MEXICO OIL CONSERVATION COMMISSION
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 Marbob Energy Corp.			License N. G. Phillips State		Well No. 33
Tract Letter I	Section 27	Township 17 South	Range 28 East	County Eddy	
Actual Footage Location of Well: 1650 feet from the south line and 455 feet from the east line					
Ground Level Elev. 3661.3'	Producing Formation San Andres		Pool Artesia On Grbg SA		Dedicated Acreage: 40 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.

NG PHILLIPS ST. #4- INJECTION WELL

#6- SEVEN RIVERS COMPLETION

#23- ✓

#27- SAN ANDRES COMPLETION

Cum. PRODUCTION - 4/31/84

24,865 Bbl. Oil

27 23

06 4

455

1650

CERTIFICATION

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

Carolyn Orris

Name
Carolyn Orris

Position
Production Clerk

For my
Marbob Energy Corporation

Date
7/20/83

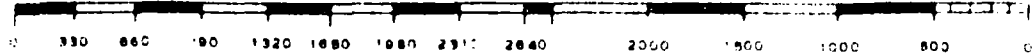
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
July 19, 1983

Registered Professional Engineer
and/or Land Surveyor

John W. West

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



Rule 6:

NG Phillips St. #33

Artesia Queen Grayburg San Andres

Standard spacing unit: 40 acres.

Rule 7:

NA

Rule 8:

- a. NG Phillips St. #33 - 1650 FSL 455 FEL Sec. 27-T17S-R28E
NG Phillips St. #27 - 2264.4 FSL 977.8 FEL Sec. 27-T17S-R28E
- b. #33 - 7/23/83
#27 - 4/5/81
- c. #33 - 8/1/83
#27 - 5/19/81
- d. None
- e. #33 - 17 bbl. oil/ 10 mcf gas/day
#27 - 30 bbl oil, 150 mcf gas/day
- f. NA
- g. The NG Phillips St. #4 is TD'd above the highest perforation in the #33 well and could not be commercially drilled to a deeper depth to drain the reservoir. The NG Phillips St. #33 was drilled because the low permeability and low quality solution gas recovery mechanism require reduced spacing to efficiently drain the reservoir. Since both the #27 and #33 experienced new reservoir type conditions we feel the additional drilling was justified.

Paul G. White Engineering

OIL AND NATURAL GAS

July 13, 1984

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

Re: Pertinent Engineering Data
NG Phillips State No. 33
Artesia Queen Grayburg - San Andres
Eddy County, New Mexico 88210

Gentlemen:

The subject well, located 1650' FSL and 455' FEL, Section 27-T17S-R28E, Eddy County, New Mexico was completed August 1, 1983.

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 27,050 barrels of oil and 17,912 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

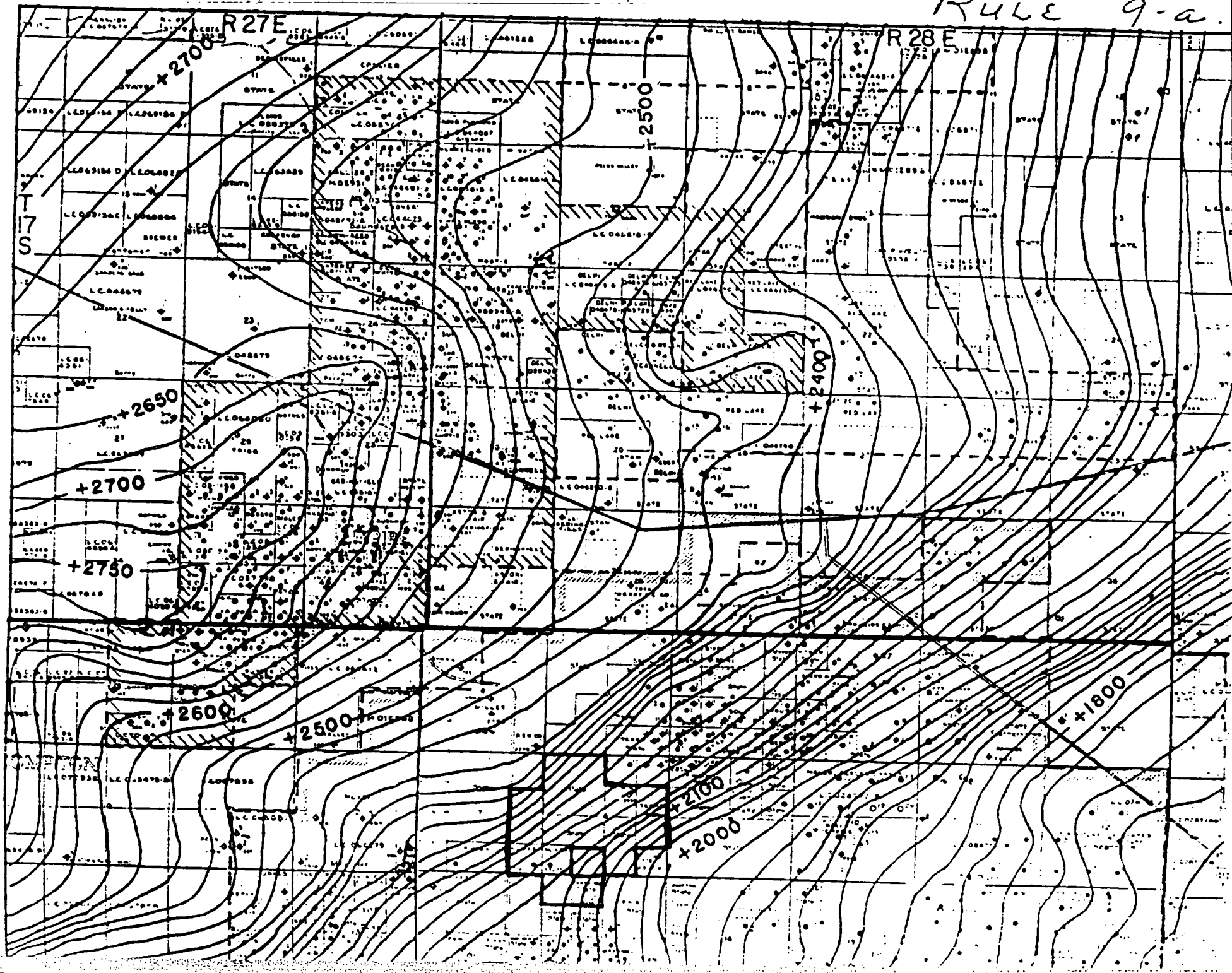
Paul G. White
Petroleum Engineer

Date

July 13, 1984

PGW/sf

RULE 9-a.



Rule 11:

Notice of this infill request has been sent to Depco, Inc., 1000 Petroleum Bldg., Denver, Colorado 80202; Hondo Oil & Gas Co., P.O. Box 1610, Midland, Texas 79702; Yates Petroleum Corporation, 207 So. 4th St., Artesia, N.M. 88210.

Marbob Energy Corporation

P. O. ~~BOX 304~~ Drawer 217
ARTESIA, NEW MEXICO 88210

PHONES
OFFICE: 746-2422

NIGHT
746-3895
746-4877

Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87501

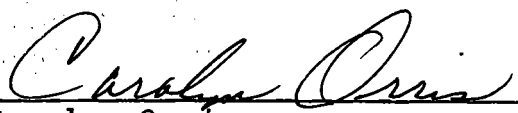
Re: NG Phillips St. #33
Application for Price
Determination under Section
103 of the Natural Gas Policy
Act of 1978

Gentlemen:

Enclosed is our application for a price determination for Section 103 on captioned well. In support of this application please find the following:

1. FERC-121
2. Special Requirements under Rules 1 & 2
3. Verification
4. C-132
5. C-101
6. C-102
7. C-105, deviation survey
8. Certificate of Service
9. Statement Under Oath
10. Certificate of Mailing
11. Land Map
12. Extra copy of this letter to be returned to us with date of filing in your office.

Very truly yours,


Carolyn Orris
Production Clerk

Encl.

Marbob Energy Corporation

P. O. DRAWER 217
ARTESIA, NEW MEXICO 88210

— OFFICE PHONE —
(505) 748-3303
(505) 746-2422

— NIGHT PHONES —
(505) 746-6197
(505) 746-6500

Oil Conservation Division
P.O. Box 2088
Santa Fe, New Mexico 87501

Re: NG Phillips St. #33
Application for Price Determination under Section 103 of the
Natural Gas Policy Act of 1978

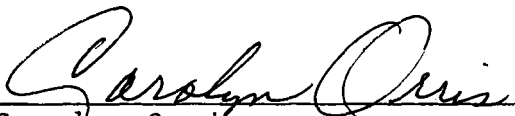
Gentlemen:

Enclosed is our application for a price determination for Section 103 on captioned well. In support of this application please find the following:

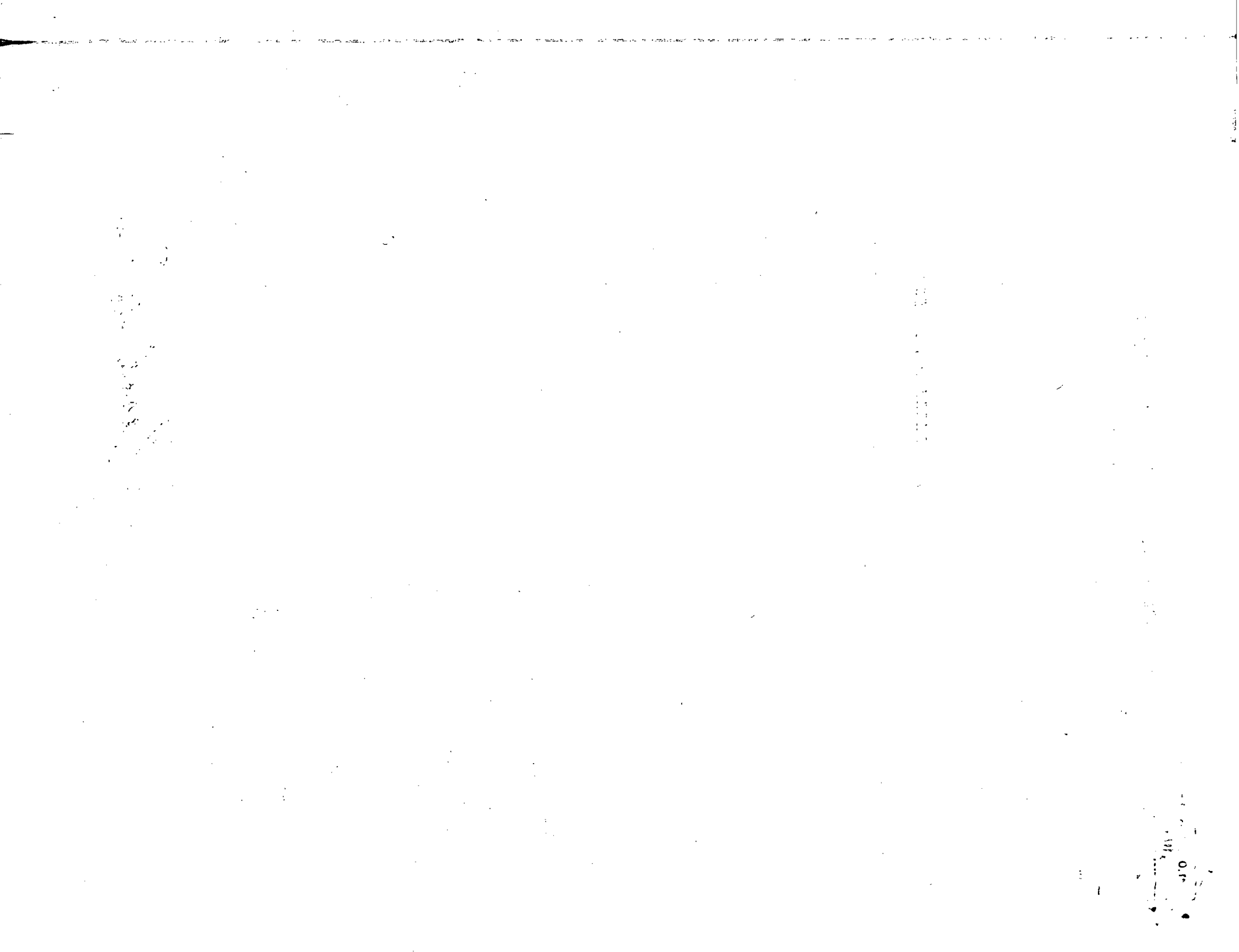
1. FERC-121
2. Special Requirements under Rules 1 & 2
3. Verification
4. C-132
5. C-101
6. C-102
7. C-105
8. Certificate of Service
9. Statement under Oath
10. Certificate of Mailing
11. Land Map

Please sign and date the extra copy of this letter and return to us so we will know the date you file this application.

Very truly yours,


Carolyn Orris
Production Clerk

CO
Encl.



1.0 API well number: (If not available, leave blank, 14 digits.)	30-015-24532			
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	103 Section of NGPA		Category Code	
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	2766 feet			
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	<div style="display: flex; justify-content: space-between;"> <div> Name Marbob Energy Corp. P.O. Drawer 217 Street Artesia City </div> <div> State N.M. Zip Code 88210 </div> <div> Seller Code </div> </div>			
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.)	Artesia Queen Grayburg, San Andres Field Name Eddy County N.M. State			
(b) For OCS wells:	Area Name Block Number Date of Lease: Mo. Day Yr. OCS Lease Number			
(c) Name and identification number of this well: (35 letters and digits maximum.)	NG Phillips St. #33			
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)				
6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)	Name Phillips Petroleum Co. Buyer Code			
(b) Date of the contract:	05 14 81 Mo. Day Yr.			
(c) Estimated annual production:	9 MMcf.			
	(a) Base Price (\$/MMBTU)	(b) Tax	(c) All Other Prices [Indicate (+) or (-).]	(d) Total of (a), (b) and (c)
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	2.909	---	---	2.909
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	2.909	---	---	2.909
9.0 Person responsible for this application:	<div style="display: flex; justify-content: space-between;"> <div> Name Carolyn Orris Signature 7/13/84 Date Application is Completed </div> <div> Title Production Clerk 505-748-3303 Phone Number </div> </div>			

U.S. DEPARTMENT OF ENERGY
Federal Energy Regulatory Commission
Washington, D.C. 20426

**APPLICATION FOR DETERMINATION OF THE MAXIMUM LAWFUL
PRICE UNDER THE NATURAL GAS POLICY ACT (NGPA)**
(Sections 102, 103, 107 and 108)

PLEASE READ BEFORE COMPLETING THIS FORM:

General Instructions:

Complete this form if you are applying for price classification under sections 102, 103, 107 or 108 of the NGPA. A separate application is required for each well. If any reservoir qualifies for a category which differs from the category applicable to the producing well, separate applications must be made for the producing well and the reservoir. Complete each appropriate item on the reverse side of this page. The code numbers used in items 4.0 and 6.0 can be obtained from the Buyer/Seller Code Book. If there is more than one purchaser or contract, identify the additional information in the space below. Enter any additional remarks in the space below.

Submit the completed application to the appropriate Jurisdictional Agency as listed in title 18 of the CFR, part 270.103. If there are any questions, call (202) 275-4539.

Specific Instructions for Item 2.0, Type of Determination:

<u>Section of NGPA</u>	<u>Category Code</u>	<u>Description</u>
102	1	New OCS Lease
102	2	New onshore well (2.5 mile test)
102	3	New onshore well (1,000 feet deeper test)
102	4	New onshore reservoir
102	5	New reservoir on old OCS Lease
103	—	New onshore production well
107	—	High cost natural gas
108	—	Stripper well

Other Purchasers/Contracts:

<u>Contract Date</u> (Mo. Day Yr.)	<u>Purchaser</u>	<u>Buyer Code</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____

Remarks:

1.0 API well number: (If not available, leave blank. 14 digits.)	30-015-24532			
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	103 Section of NGPA		Category Code	
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	2766 feet			
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	<div style="display: flex; justify-content: space-between;"> <div> Marbob Energy Corp. Name P.O. Drawer 217 Street Artesia City N.M. State 88210 Zip Code </div> <div style="text-align: right;"> Seller Code </div> </div>			
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.)	Artesia Queen Grayburg San Andres Field Name Eddy County N.M. State			
(b) For OCS wells:	Area Name Block Number Date of Lease: _____ Mo. Day Yr. OCS Lease Number			
(c) Name and identification number of this well: (35 letters and digits maximum.)	NG Phillips St. #33			
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)				
6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)	Phillips Petroleum Co. Name Buyer Code			
(b) Date of the contract:	05 14 81 Mo. Day Yr.			
(c) Estimated annual production:	9 MMcf.			
	(a) Base Price (\$/MMBTU)	(b) Tax	(c) All Other Prices [Indicate (+) or (-).]	(d) Total of (a), (b) and (c)
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	2.909	---	---	2.909
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	2.909	---	---	2.909
9.0 Person responsible for this application:	<div style="display: flex; justify-content: space-between;"> <div> Carolyn Orris Name Signature 7/13/84 Date Application is Completed </div> <div style="text-align: right;"> Production Clerk Title 505-748-3303 Phone Number </div> </div>			
<div style="border: 1px solid black; padding: 2px;"> Agency Use Only Date Received by Juris. Agency Date Received by FERC </div>				

U.S. DEPARTMENT OF ENERGY
Federal Energy Regulatory Commission
Washington, D.C. 20426

**APPLICATION FOR DETERMINATION OF THE MAXIMUM LAWFUL
PRICE UNDER THE NATURAL GAS POLICY ACT (NGPA)**
(Sections 102, 103, 107 and 108)

PLEASE READ BEFORE COMPLETING THIS FORM:

General Instructions:

Complete this form if you are applying for price classification under sections 102, 103, 107 or 108 of the NGPA. A separate application is required for each well. If any reservoir qualifies for a category which differs from the category applicable to the producing well, separate applications must be made for the producing well and the reservoir. Complete each appropriate item on the reverse side of this page. The code numbers used in items 4.0 and 6.0 can be obtained from the Buyer/Seller Code Book. If there is more than one purchaser or contract, identify the additional information in the space below. Enter any additional remarks in the space below.

Submit the completed application to the appropriate Jurisdictional Agency as listed in title 18 of the CFR, part 270.103. If there are any questions, call (202) 275-4539.

Specific Instructions for Item 2.0, Type of Determination:

<u>Section of NGPA</u>	<u>Category Code</u>	<u>Description</u>
102	1	New OCS Lease
102	2	New onshore well (2.5 mile test)
102	3	New onshore well (1,000 feet deeper test)
102	4	New onshore reservoir
102	5	New reservoir on old OCS Lease
103	—	New onshore production well
107	—	High cost natural gas
108	—	Stripper well

Other Purchasers/Contracts:

<u>Contract Date</u> (Mo. Day Yr.)	<u>Purchaser</u>	<u>Buyer Code</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____

Remarks:


VERIFICATION AS TO COMPLETION OF
REQUIREMENTS FOR SPECIAL RULES 1 & 2

THE STATE OF NEW MEXICO

COUNTY OF EDDY

Carolyn Orris, being first duly sworn, states that she is Production Clerk for Marbob Energy Corporation, that she is authorized to execute this affidavit; that she has read the above and foregoing and is familiar with the contents thereof and that all allegations and facts contained therein are true and correct to the best of her knowledge, information, and belief; that the foregoing Form C-132, Application for Wellhead Price Ceiling Category Determination and FERC Form 121 has been mailed or delivered to all working interest owners in subject well; that Marbob Energy Corporation is operator of subject well and intends this application to cover all parties to the operating agreement and gas purchase contract and notice has been given by mailing or delivering this application to them in accordance with New Mexico Oil Conservation Division instructions; that the foregoing application has also been mailed or delivered to the appropriate purchaser in accordance with the requirements set out in the Regulations Implementing the Natural Gas Policy Act of 1978.

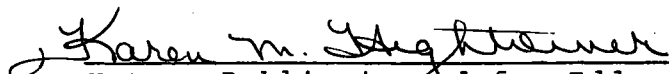
MARBOB ENERGY CORPORATION


Carolyn Orris
Production Clerk

Sworn to and subscribed before me this 13th day of July,
1984.

My commission expires:

9-9-85


Karen M. Lightner
Notary Public in and for Eddy
County, New Mexico

VERIFICATION

THE STATE OF NEW MEXICO

COUNTY OF EDDY

Carolyn Orris, being first duly sworn, states that she is Production Clerk for Marbob Energy Corporation, that she is authorized to execute this affidavit; that she has read the above and foregoing and is familiar with the contents thereof; and that all allegations and facts contained therein are true and correct to the best of her knowledge, information and belief.

MARBOB ENERGY CORPORATION

Carolyn Orris
Carolyn Orris
Production Clerk

Sworn to and subscribed before me this 13th day of July

1984.

My commission expires:

9-9-85

Karen M. Shattner
Notary Public in and for Eddy
County, New Mexico

Robert J. [illegible]

OIL CONSERVATION DIVISION

Form C-132
Revised 5-10-81

STATE OF NEW MEXICO

P. O. BOX 2088

ENERGY AND MINERALS DEPARTMENT

SANTA FE, NEW MEXICO 87501

APPLICATION FOR WELLHEAD
PRICE CEILING CATEGORY DETERMINATION

FOR DIVISION USE ONLY:

DATE COMPLETE APPLICATION FILED _____

DATE DETERMINATION MADE _____

WAS APPLICATION CONTESTED? YES _____ NO _____

NAME(S) OF INTERVENOR(S), IF ANY: _____

5A. Indicate Type of Lease

STATE ☒ FEDERAL ☐

5. State Oil & Gas Lease No.

B-2071

7. Unit Agreement Name

8. Farm or Lease Name

NG Phillips St.

9. Well No.

33

10. Field and Pool, or Wildcat

Artesia Q-G-SA

12. County

Eddy

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 I LOCATED 1650 FEET FROM THE South LINEAND 455 FEET FROM THE East LINE OF SEC. 27 TWP. 17S RGE. 28E NMPM

11. Name and Address of Purchaser(s)

Phillips Petroleum Co., 346 HS&L Bldg., Bartlesville, Oklahoma 74004

WELL CATEGORY INFORMATION

Check appropriate box for category sought and information submitted.

1. Category(ies) Sought (By NGPA Section No.) 103

2. All Applications must contain:

- ☒ a. C-101 APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK
- ☒ b. C-105 WELL COMPLETION OR RECOMPLETION REPORT
- ☒ c. DIRECTIONAL DRILLING SURVEY, IF REQUIRED UNDER RULE 111
- ☒ d. AFFIDAVITS OF MAILING OR DELIVERY

3. In addition to the above, all applications must contain the items required by the applicable rule of the Division's "Special Rules for Applications For Wellhead Price Ceiling Category Determinations" as follows:

A. NEW NATURAL GAS UNDER SEC. 102(c)(1)(B) (using 2.5 Mile or 1000 Feet Deeper Test)

☐ All items required by Rule 14(1) and/or Rule 14(2)

B. NEW NATURAL GAS UNDER SEC. 102(c)(1)(C) (new onshore reservoir)

☐ All items required by Rule 15

C. NEW ONSHORE PRODUCTION WELL

☒ All items required by Rule 16A or Rule 16B

D. DEEP, HIGH-COST NATURAL GAS, TIGHT FORMATION NATURAL GAS, AND PRODUCTION ENHANCEMENT NATURAL GAS

☐ All items required by Rule 17(1), Rule 17(2) or Rule 17(3), or Rule 17(4)

E. STRIPPER WELL NATURAL GAS

☐ All items required by Rule 18I HEREBY CERTIFY THAT THE INFORMATION CONTAINED
HEREIN IS TRUE AND COMPLETE TO THE BEST OF MY
KNOWLEDGE AND BELIEF.

Marbob Energy Corporation

NAME OF APPLICANT (Type or Print)

SIGNATURE OF APPLICANT

Title Production ClerkDate 7/13/84

FOR DIVISION USE ONLY

☐ Approved☐ DisapprovedThe information contained herein includes all
of the information required to be filed by the
applicant under Subpart B of Part 274 of the
FERC regulations.

EXAMINER

API # 30-015-24532

Form C-101
Revised 10-1-78

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

JUL 21 1983

O.C.D.

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease
STATE ☒ FEDERAL ☐

5. State Oil & Gas Lease No.
B-2071

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

ARTESIA, OFFICE

1a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		7. Unit Agreement Name	
b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		8. Form or Lease Name NG Phillips St.	
2. Name of Operator Marbob Energy Corporation		9. Well No. 33	
3. Address of Operator P.O. Drawer 217, Artesia, N.M. 88210		10. Field and Pool, or Wildcat Artesia On Grbg SA	
4. Location of Well UNIT LETTER I LOCATED 1650 FEET FROM THE South LINE AND 455 FEET FROM THE East LINE OF SEC. 27 TWP. 17S RGE. 28E NADP		12. County Eddy	
19. Proposed Depth 3000'		19A. Formation San Andres	
20. Rotary or C.T. Rotary		21. Elevations (Show whether DF, RT, etc.) 3661.3' GR	
21A. Kind & Status Plug. Bond Statewide active		21B. Drilling Contractor Artesia Fishing Tool	
22. Approx. Date Work will start 7/25/83			

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#	500'	300	Circulate
7 7/8"	5 1/2"	15.50#	3000'	600	Attempt to circ

We propose to drill to 500', run 8 5/8" casing and cement, drill on to 3000' to test the San Andres formation, run 5 1/2" casing and cement.

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 1-25-84
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 Carolyn Orris Title Production Clerk Date 7/20/83

(This space for State Use)

APPROVED BY Mike Walker TITLE OIL AND GAS INSPECTOR DATE JUL 25 1983

CONDITIONS OF APPROVAL, IF ANY:

**MEXICO OIL CONSERVATION COMMISSION
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 Marbob Energy Corp.			Lease N. G. Phillips State			Well No. 33		
Well Letter I	Section 27	Township 17 South	Range 28 East	County Eddy				
Actual Footage Location of Well: 1650 feet from the south line and 455 feet from the east line								
Ground Level Elev. 3661.3'	Producing Formation San Andres		Pool Artesia On Grbg SA			Dedicated Acreage: 40 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.

NG PHILLIPS ST. #4- INJECTION WELL

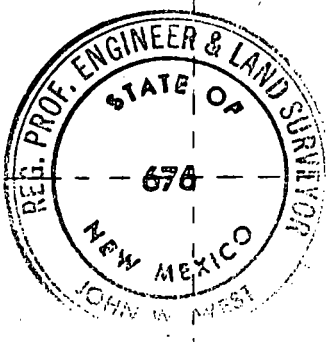
#6, 23- SEVEN RIVERS COMPLETIONS

#27- PREMIER COMPLETION -

Cum. PROD. - 5731/84 -

23,941 bbl. oil, 110591 MCF GAS

MARBOP IS OPERATOR OF THE ABOVE WELLS



CERTIFICATION

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

Carolyn Orris

Name
Carolyn Orris

Position
Production Clerk

Company
Marbob Energy Corporation

Date
7/20/83

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

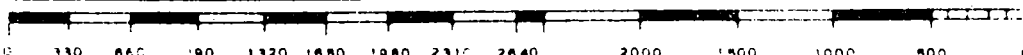
July 19, 1983

Registered Professional Engineer and Land Surveyor

John W. West

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

RONALD J. EIDSON, 3239



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

Form C-105
Revised 10-1-78

OIL CONSERVATION DIVISION

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.O.B.	
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease
State ☒ Free ☐
5. State Oil & Gas Lease No.
B-2071

10. TYPE OF WELL *Oil*
a. TYPE OF COMPLETION
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. REVER. ☐
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

7. Unit Agreement Name
8. Farm or Lease Name
NG Phillips St.

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 **I** LOCATED **1650** FEET FROM THE **South** LINE AND **455** FEET FROM

9. Well No.
33
10. Field and Pool, or Wildcat
Artesia Qn Grbg SA

THE **East** LINE OF SEC. **27** TWP. **17S** RGE. **28E** NEAPM

12. County
Eddy

15. Date Spudded
7/23/83
16. Date T.D. Reached
7/30/83
17. Date Compl. (Ready to Prod.)
8/1/83
18. Elevations (DF, RKP, RT, GR, etc.)
3661.3' GR
19. Elev. Casinghead
3661.3' GR

20. Total Depth
3000'
21. Plug Back T.D.
2998'
22. If Multiple Compl., How Many
0-3000'
23. Intervals Drilled By
Rotary Tools
24. Producing Interval(s), of this completion - Top, Bottom, None
San Andres 2428-2766'
25. Was Directional Survey Made
Yes

26. Type Electric and Other Logs Run
Compensated neutron
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
8 5/8"	24#	517'	12 1/4"	350 sax, circulated 50	None
5 1/2"	15.50#	3000'	7 7/8"	850 sax, circulated 75	None

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 7/8"	2746'	

31. Perforation Record (Interval, size and number)
Attached, 2428-2766'

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
2428-2766'	5700 bbl. gelled water, 200,000# 20/40 sand, 40,000# 10/20 sand

33. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)	Well Status (Prod. or Shut-in)
8/1/83	Pumping - 2 1/2"	Prod.

Date of Test
8/2/83
Hours Tested
24
Choke Size
30
Prod'n. For Test Period
to pipeline
Oil - Bbl.
70
Gas - MCF
to pipeline
Water - Bbl.
70
Gas - Oil Ratio
Oil Gravity - API (Corr.)

34. Disposition of Gas (Sold, used for fuel, vented, etc.)
Sold
Test Witnessed By
Robert C. Chase

35. List of Attachments
Compensated neutron logs, deviation survey

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 *Carolyn* TITLE **Production Clerk** DATE **8/10/83**

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly drilled 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	T. Penn. "B"
T. Salt	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres 2070'	T. Simpson	T. Gallup	T. Ignacio Qtzite
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	
T. Elinebry	T. Gr. Wash	T. Morrison	
T. Tubb	T. Granite	T. Todilto	
T. Drinkard	T. Delaware Sand	T. Entrada	
T. Abo	T. Bone Springs	T. Wingate	
T. Wolfcamp	T.	T. Chinle	
T. Penn.	T.	T. Pennian	
T. Cisco (Bough C)	T.	T. Penn. "A"	

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....	No. 4, from.....to.....
No. 2, from.....to.....	No. 5, from.....to.....
No. 3, from.....to.....	No. 6, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

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

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	25	25	Caliche	2300	2320	20	Dolo, anhy.
25	875	850	Red rock, lime	2320	2380	60	Sand, dolo, anhy.
875	1500	625	Anhy.	2380	2430	50	Dolo, anhy.
1500	1600	100	Anhy, shale	2430	3000	570	Dolo.
1600	1810	210	Anhy, shale, dolo.	3000			TD
1810	1915	105	Anhy, dolo.	2998			PBTD
1915	1935	20	Shale, dolo, anhy.				
1935	1980	45	Sand, dolo, anhy.				
1980	2000	20	Dolo, anhy.				
2000	2050	50	Sand, dolo, anhy.				
2050	2255	205	Dolo, anhy.				
2255	2300	45	Shale, dolo, anhy.				

Marbob Energy Corp.
NG Phillips St. #33
Perforations

2428'
2438'
2452'
2460'
2462'
2463'
2471'
2488'
2489'
2492'
2501'
2505'
2510'
2512'
2514'
2516'
2523'
2524'
2530'
2537'
2540'
2543'
2622'
2623'
2630'
2637'
2642'
2643'
2652'
2658'
2659'
2664'
2667'
2678'
2680'
2687'
2688'
2693'
2708'
2714'
2715'
2734'
2740'
2744'
2753'
2756'
2759'
2761'
2766'

CERTIFICATE OF SERVICE

I hereby certify that a copy of the foregoing statement has been served upon the following by mailing the same, postage prepaid, properly addressed to:

Phillips Petroleum Company
346 HS&L Building
Bartlesville, Oklahoma 74004
Attention: Mr. G. L. Buttman

MARBOB ENERGY CORPORATION

By: Carolyn Orris
Carolyn Orris
Production Clerk

Sworn to and subscribed before me this 13th day of July

1984.

My commission expires:

9-9-85

Karen M. Hightower
Notary Public in and for Eddy
County, New Mexico

Marbob Energy Corporation

P. O. ~~Box 204~~ Drawer 217
ARTESIA, NEW MEXICO 88210

PHONES
OFFICE: 746-2422

NIGHT
746-3895
746-4877

Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87501

SUBJECT: Natural Gas Policy Act
Statement Under Oath
Paragraph 274.204
New Onshore Production Well

RE: Natural Gas Produced From:

Well Name: NG Phillips St. #33

A.P.I. #: 30-015-24532

Location: 1650 FSL 455 FEL Sec. 27-T17S-R28E

Formation: San Andres

Gentlemen:

Marbob Energy Corportion (Seller), a New Mexico corporation,
herein swears that:

(1) In order to determine that the surface drilling of the referenced well began on a qualified proration unit on or after February 19, 1977, Marbob Energy has searched and reviewed or caused to be searched and reviewed pursuant to its instructions, the following records and sources of information:

(a) Commercial oil and gas lease ownership map and well location map compiled from official county and state records and sold to us by Midland Map Co., Midland, Texas, on file in Seller's offices.

(b) Legal review of land title prior to drilling, on file in Seller's offices.

(c) Electric log records of all wells within the same section as the referenced well and which penetrated the same prospective formations as sought by the referenced well. Log records are on file in Seller's offices, respective state or federal offices, and commercial log companies.

(d) State of New Mexico production records of all wells within the same section as the referenced well and which produced or produces from the same prospective formation as sought by the referenced well. Such records are kept in Seller's offices and in state offices.

(e) Daily drilling reports on file in Seller's files indicating date and time of spudding the referenced well.

(f) State of New Mexico approval of the referenced well location and dedicated acreage to be assigned to the well in the event of production. Such records are on file in both Seller's office and respective state or federal offices. A copy of the acreage dedication plat is included.

(g) Official notices by operator of well drilling activity and completion reports filed with respective state offices. Copies of completion reports are filed with this application.


(2) On the basis of Seller's search and examination, Seller has concluded that to the best of his information, knowledge and belief the surface drilling of the referenced well began on or after February 19, 1977.

(3) The New Mexico Oil Conservation Division has altered or granted a waiver of any applicable well spacing requirements on this proration unit.

(4) Based on the results of record searches and reviews listed in paragraph (1) of this letter, Seller has concluded to the best of his information, knowledge and belief, the natural gas for which he seeks a determination is produced from a new onshore production well.

(5) Seller has no knowledge of any information not described in the application which is inconsistent with his conclusions.

MARBOB ENERGY CORPORATION


Carolyn Orris
Production Clerk

co

Encl.

12/1/20

CERTIFICATE OF MAILING

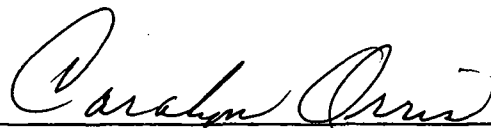
STATE OF NEW MEXICO

COUNTY OF EDDY

Marbob Energy Corporation hereby certifies that it has this day mailed the appropriate FERC 121 Form and OCD 132 form to all working interest owners and gas purchaser in:

NG Phillips St. #33

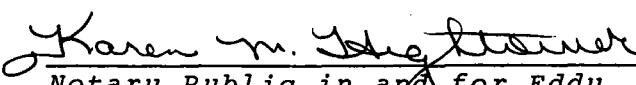
MARBOB ENERGY CORPORATION

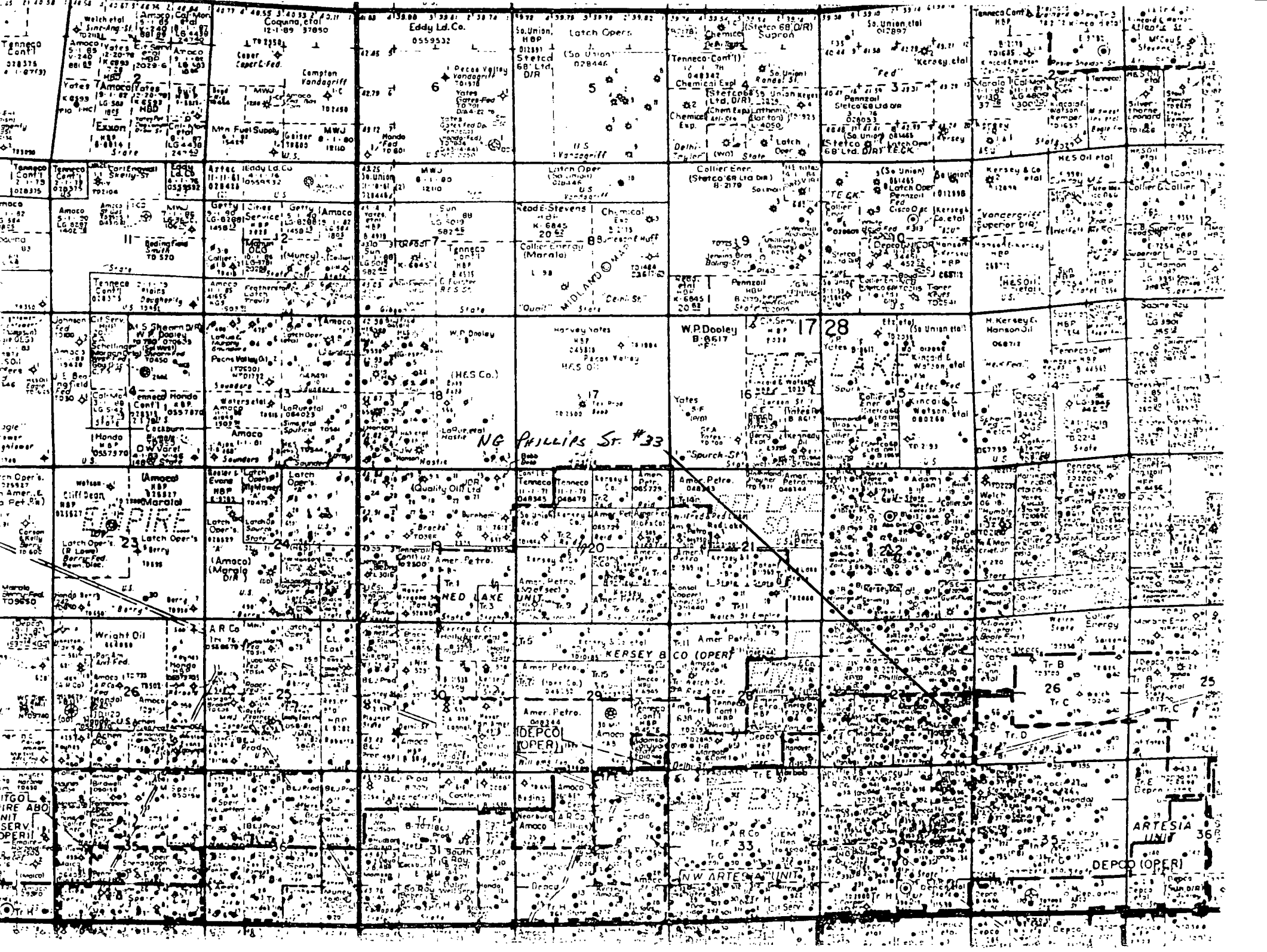

Carolyn Orris
Production Clerk

Sworn to and subscribed before me this 13th day of July,
1984.

My commission expires:


9-9-85


Notary Public in and for Eddy
County, New Mexico



Marbob Energy Corporation

P. O. DRAWER 217
ARTESIA, NEW MEXICO 88210

— OFFICE PHONE —
(505) 748-3303
(505) 746-2422

— NIGHT PHONES —
(505) 746-6197
(505) 746-6500

Oil Conservation Division
P.O. Box 2088
Santa Fe, New Mexico 87501

Re: NG Phillips St. #33
Application for Price Determination under Section 103 of the Natural Gas Policy Act of 1978

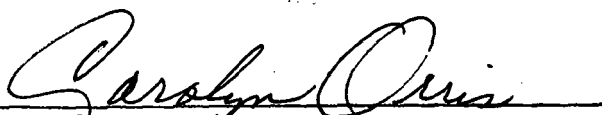
Gentlemen:

Enclosed is our application for a price determination for Section 103 on captioned well. In support of this application please find the following:

1. FERC-121
2. Special Requirements under Rules 1 & 2
3. Verification
4. C-132
5. C-101
6. C-102
7. C-105
8. Certificate of Service
9. Statement under Oath
10. Certificate of Mailing
11. Land Map

Please sign and date the extra copy of this letter and return to us so we will know the date you file this application.

Very truly yours,


Carolyn Orris
Production Clerk

CO-
Encl.

1.0 API well number: (If not available, leave blank. 14 digits.)	30-015-24532			
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	103 Section of NGPA		Category Code	
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	2766 feet			
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	<div style="display: flex; justify-content: space-between;"> <div> Marbob Energy Corp. Name P.O. Drawer 217 Street Artesia City N.M. State 88210 Zip Code </div> <div style="text-align: right;"> Seller Code </div> </div>			
5.0 Location of this well: (Complete (a) or (b).) (a) For onshore wells (35 letters maximum for field name.)	Artesia, Queen, Grayburg, San Andres Field Name Eddy County N.M. State			
(b) For OCS wells:	Area Name Block Number Date of Lease: _____ Mo. Day Yr. OCS Lease Number			
(c) Name and identification number of this well: (35 letters and digits maximum.)	NG Phillips St. #33			
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)				
6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)	Phillips Petroleum Co. Name Buyer Code			
(b) Date of the contract:	05 14 81 Mo. Day Yr.			
(c) Estimated annual production:	9 MMcf.			
		(a) Base Price (\$/MMBTU)	(b) Tax	(c) All Other Prices (+) or (-)
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)		2.909	---	2.909
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)		2.909	---	2.909
9.0 Person responsible for this application:	<div style="display: flex; justify-content: space-between;"> <div> Carolyn Orris Name Signature 7/13/84 Date Application is Completed </div> <div style="text-align: right;"> Production Clerk Title 505-748-3303 Phone Number </div> </div>			
Agency Use Only Date Received by Juris. Agency Date Received by FERC				

U.S. DEPARTMENT OF ENERGY
Federal Energy Regulatory Commission
Washington, D.C. 20426

**APPLICATION FOR DETERMINATION OF THE MAXIMUM LAWFUL
PRICE UNDER THE NATURAL GAS POLICY ACT (NGPA)**
(Sections 102, 103, 107 and 108)

PLEASE READ BEFORE COMPLETING THIS FORM:

General Instructions:

Complete this form if you are applying for price classification under sections 102, 103, 107 or 108 of the NGPA. A separate application is required for each well. If any reservoir qualifies for a category which differs from the category applicable to the producing well, separate applications must be made for the producing well and the reservoir. Complete each appropriate item on the reverse side of this page. The code numbers used in items 4.0 and 6.0 can be obtained from the Buyer/Seller Code Book. If there is more than one purchaser or contract, identify the additional information in the space below. Enter any additional remarks in the space below.

Submit the completed application to the appropriate Jurisdictional Agency as listed in title 18 of the CFR, part 270.103. If there are any questions, call (202) 275-4539.

Specific Instructions for Item 2.0, Type of Determination:

<u>Section of NGPA</u>	<u>Category Code</u>	<u>Description</u>
102	1	New OCS Lease
102	2	New onshore well (2.5 mile test)
102	3	New onshore well (1,000 feet deeper test)
102	4	New onshore reservoir
102	5	New reservoir on old OCS Lease
103	—	New onshore production well
107	—	High cost natural gas
108	—	Stripper well

Other Purchasers/Contracts:

<u>Contract Date</u> (Mo. Day Yr.)	<u>Purchaser</u>	<u>Buyer Code</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____

Remarks:

1.0 API well number: (If not available, leave blank. 14 digits.)	30-015-24532				
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	103 Section of NGPA		Category Code		
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	2766 feet				
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	Marbob Energy Corp. Name _____ Seller Code _____ P.O. Drawer 217 _____ Street _____ Artesia _____ N.M. 88210 City _____ State _____ Zip Code _____				
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.)	Artesia Queen Grayburg San Andres Field Name _____ Eddy _____ N.M. County _____ State _____				
(b) For OCS wells:	Area Name _____ Block Number _____ Date of Lease: _____ Mo. Day Yr. _____ OCS Lease Number _____				
(c) Name and identification number of this well: (35 letters and digits maximum.)	NG Phillips St. #33				
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)					
6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)	Phillips Petroleum Co. Name _____ Buyer Code _____				
(b) Date of the contract:	05 14 81 Mo. Day Yr.				
(c) Estimated annual production:	9 MMcf.				
		(a) Base Price (\$/MMBTU)	(b) Tax	(c) All Other Prices (Indicate (+) or (-).)	(d) Total of (a), (b) and (c)
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)		2.909	_____	_____	2.909
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)		2.909	_____	_____	2.909
9.0 Person responsible for this application:	Carolyn Orris Name _____ Product _____ Title _____ Signature _____ 7/13/84 Date Application is Completed 505-748-3303 Phone Number				

U.S. DEPARTMENT OF ENERGY
Federal Energy Regulatory Commission
Washington, D.C. 20426

**APPLICATION FOR DETERMINATION OF THE MAXIMUM LAWFUL
PRICE UNDER THE NATURAL GAS POLICY ACT (NGPA)**
(Sections 102, 103, 107 and 108)

PLEASE READ BEFORE COMPLETING THIS FORM:

General Instructions:

Complete this form if you are applying for price classification under sections 102, 103, 107 or 108 of the NGPA. A separate application is required for each well. If any reservoir qualifies for a category which differs from the category applicable to the producing well, separate applications must be made for the producing well and the reservoir. Complete each appropriate item on the reverse side of this page. The code numbers used in items 4.0 and 6.0 can be obtained from the Buyer/Seller Code Book. If there is more than one purchaser or contract, identify the additional information in the space below. Enter any additional remarks in the space below.

Submit the completed application to the appropriate Jurisdictional Agency as listed in title 18 of the CFR, part 270.103. If there are any questions, call (202) 275-4539.

Specific Instructions for Item 2.0, Type of Determination:

<u>Section of NGPA</u>	<u>Category Code</u>	<u>Description</u>
102	1	New OCS Lease
102	2	New onshore well (2.5 mile test)
102	3	New onshore well (1,000 feet deeper test)
102	4	New onshore reservoir
102	5	New reservoir on old OCS Lease
103	—	New onshore production well
107	—	High cost natural gas
108	—	Stripper well

Other Purchasers/Contracts:

<u>Contract Date</u> (Mo. Day Yr.)	<u>Purchaser</u>	<u>Buyer Code</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____

Remarks:

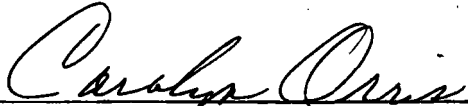
VERIFICATION AS TO COMPLETION OF
REQUIREMENTS FOR SPECIAL RULES 1 & 2

THE STATE OF NEW MEXICO

COUNTY OF EDDY

Carolyn Orris, being first duly sworn, states that she is Production Clerk for Marbob Energy Corporation, that she is authorized to execute this affidavit; that she has read the above and foregoing and is familiar with the contents thereof and that all allegations and facts contained therein are true and correct to the best of her knowledge, information, and belief; that the foregoing Form C-132, Application for Wellhead Price Ceiling Category Determination and FERC Form 121 has been mailed or delivered to all working interest owners in subject well; that Marbob Energy Corporation is operator of subject well and intends this application to cover all parties to the operating agreement and gas purchase contract and notice has been given by mailing or delivering this application to them in accordance with New Mexico Oil Conservation Division instructions; that the foregoing application has also been mailed or delivered to the appropriate purchaser in accordance with the requirements set out in the Regulations Implementing the Natural Gas Policy Act of 1978.

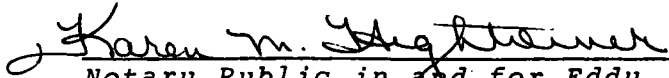
MARBOB ENERGY CORPORATION


Carolyn Orris
Production Clerk

Sworn to and subscribed before me this 13th day of July

1984
My commission expires:

9-9-85


Karen M. Hightower
Notary Public in and for Eddy
County, New Mexico

VERIFICATION

THE STATE OF NEW MEXICO

COUNTY OF EDDY

Carolyn Orris, being first duly sworn, states that she is Production Clerk for Marbob Energy Corporation, that she is authorized to execute this affidavit; that she has read the above and foregoing and is familiar with the contents thereof; and that all allegations and facts contained therein are true and correct to the best of her knowledge, information and belief.

MARBOB ENERGY CORPORATION

Carolyn Orris
Carolyn Orris
Production Clerk

Sworn to and subscribed before me this 13th day of July, 1984.

My commission expires:

9-9-85

Karen M. Shattner
Notary Public in and for Eddy
County, New Mexico

SANTA FE, NEW MEXICO 87501

APPLICATION FOR WELLHEAD
PRICE CEILING CATEGORY DETERMINATION

FOR DIVISION USE ONLY:

DATE COMPLETE APPLICATION FILED _____

DATE DETERMINATION MADE _____

WAS APPLICATION CONTESTED? YES _____ NO _____

NAME(S) OF INTERVENOR(S), IF ANY: _____

5A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FEED <input type="checkbox"/>
5. State Oil & Gas Lease No.	
B-2071	
7. Unit Agreement Name	
8. Farm or Lease Name	
NG Phillips St.	
9. Well No.	
33	
10. Field and Pool, or Wildcat	
Artesia Q-G-SA	
12. County	
Eddy	

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 I LOCATED 1650 FEET FROM THE South LINE

AND 455 FEET FROM THE East LINE OF SEC. 27 TWP. 17S RGE. 28E NMPM

11. Name and Address of Purchaser(s)

Phillips Petroleum Co., 346 HS&L Bldg., Bartlesville, Oklahoma 74004

WELL CATEGORY INFORMATION

Check appropriate box for category sought and information submitted.

1. Category(ies) Sought (By NGPA Section No.) 103

2. All Applications must contain:

- ☒ a. C-101 APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG, BACK
- ☒ b. C-105 WELL COMPLETION OR RECOMPLETION REPORT
- ☒ c. DIRECTIONAL DRILLING SURVEY, IF REQUIRED UNDER RULE 111
- ☒ d. AFFIDAVITS OF MAILING OR DELIVERY

3. In addition to the above, all applications must contain the items required by the applicable rule of the Division's "Special Rules for Applications For Wellhead Price Ceiling Category Determinations" as follows:

A. NEW NATURAL GAS UNDER SEC. 102(c)(1)(B) (using 2.5 Mile or 1000 Feet Deeper Test)

☐ All items required by Rule 14(1) and/or Rule 14(2)

B. NEW NATURAL GAS UNDER SEC. 102(c)(1)(C) (new onshore reservoir)

☐ All items required by Rule 15

C. NEW ONSHORE PRODUCTION WELL

☒ All items required by Rule 16A or Rule 16B

D. DEEP, HIGH-COST NATURAL GAS, TIGHT FORMATION NATURAL GAS, AND PRODUCTION ENHANCEMENT NATURAL GAS

☐ All items required by Rule 17(1), Rule 17(2) or Rule 17(3), or Rule 17(4)

E. STRIPPER WELL NATURAL GAS

☐ All items required by Rule 18

I HEREBY CERTIFY THAT THE INFORMATION CONTAINED
HEREIN IS TRUE AND COMPLETE TO THE BEST OF MY
KNOWLEDGE AND BELIEF.

Marbob Energy Corporation

NAME OF APPLICANT (Type or Print)

SIGNATURE OF APPLICANT

Title Production Clerk

Date 7/13/84

FOR DIVISION USE ONLY

☐ Approved

☐ Disapproved

The information contained herein includes all
of the information required to be filed by the
applicant under Subpart 8 of Part 274 of the
FERC regulations.

EXAMINER

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
P. O. BOX 2000
SANTA FE, NEW MEXICO 87501

API# 30-015-24532

Form C-101
Revised 10-1-78

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

JUL 21 1983

O. C. D.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5A. Indicate Type of Lease
STATE ☒ FEDERAL ☐
6. State Oil & Gas Lease No.
B-2071

7. Unit Agreement Name
8. Name of Lease Name
NG Phillips St.
9. Well No.
33
10. Field and Pool, or Wildcat
Artesia On Grbg SA

12. County
Eddy

19. Proposed Depth
3000'
19A. Formation
San Andres
20. Rotary or C.T.
Rotary

21. Elevations (Show whether DF, KI, etc.)
3661.3' GR
21A. Kind & Status Plug. Bond
Statewide active
21B. Drilling Contractor
Artesia Fishing Tool
22. Approx. Date Work will start
7/25/83

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#	500'	300	Circulate
7 7/8"	5 1/2"	15.50#	3000'	600	Attempt to circ

We propose to drill to drill to 500', run 8 5/8" casing and cement, drill on to 3000' to test the San Andres formation, run 5 1/2" casing and cement.

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 1-25-84
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.

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

Signed Carolyn Orris Title Production Clerk Date 7/20/83
(This space for State Use)

APPROVED BY M. L. Walker TITLE OIL AND GAS INSPECTOR DATE JUL 25 1983
CONDITIONS OF APPROVAL, IF ANY:

**MEXICO OIL CONSERVATION COMMISSION
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 Marbob Energy Corp.			Lease N. G. Phillips State		Well No. 33
Tract Letter I	Section 27	Township 17 South	Range 28 East	County Eddy	
Actual Footage Location of Well: 1650 feet from the south line and 455 feet from the east line					
Ground Level Elev. 3661.3'	Producing Formation San Andres		Pool Artesia On Grbg SA		Dedicated Acreage: 40 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?

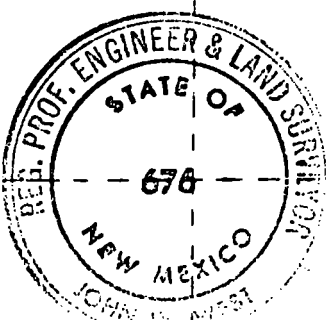
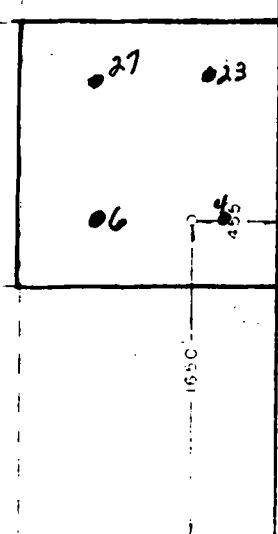
☐ Yes ☐ No If answer is "yes," type of consolidation _____

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.

NG PHILLIPS ST. #4- INS ECTION WELL
#6, 23- SEVEN RIVERS COMPLETIONS
#27- PREMIER COMPLETION-
Cum. PROD. - 5731/84 -
23,941 bbl. oil, 110591 MCF GAS

MARBOP IS OPERATOR OF THE ABOVE WELLS

CERTIFICATION

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

Carolyn Orris
Name

Carolyn Orris
Position

Production Clerk
Company

Marbob Energy Corporation
Date

7/20/83

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

July 19, 1983

Registered Professional Engineer and Land Surveyor

John W. West

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

RONALD J. EIDSON 3239

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

Form C-105
Revised 10-1-78

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.O.S.	
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5. State Oil & Gas Lease No. B-2071

10. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>	
b. TYPE OF COMPLETION NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DRIPPED <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. BEVS. <input type="checkbox"/>	
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 I LOCATED 1650 FEET FROM THE South LINE AND 455 FEET FROM East LINE OF SEC. 27 TWP. 17S RGE. 28E SHPM 10	

7. Unit Agreement Name
8. Farm or Lease Name NG Phillips St.
9. Well No. 33
10. Field and Pool, or Wildcat Artesia Qn Grbg SA
12. County Eddy

15. Date Spudded 7/23/83	16. Date T.D. Reached 7/30/83	17. Date Compl. (Ready to Prod.) 8/1/83	18. Elevations (D.F., RKR, RT, GR, etc.) 3661.3' GR	19. Elev. Casinghead 3661.3' GR
20. Total Depth 3000'	21. Plug Back T.D. 2998'	22. If Multiple Compl., How Many	23. Intervals Drilled By 0-3000'	23. Rotary Tools 0-3000'
24. Producing Interval(s), of this completion - Top, Bottom, Name San Andres 2428-2766'				25. Was Directional Survey Made Yes
26. Type Electric and Other Logs Run Compensated neutron				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
8 5/8"	24#	517'	12 1/4"	350 sax, circulated 50	None
5 1/2"	15.50#	3000'	7 7/8"	850 sax, circulated 75	None

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8"	2746'	

31. Perforation Record (Interval, size and number) Attached, 2428-2766'	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	2428-2766'	5700 bbl. gelled water,
		200,000# 20/40 sand,
		40,000# 10/20 sand

33. PRODUCTION							
Date First Production 8/1/83		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping - 2 1/2"				Well Status (Prod. or Shut-in) Prod.	
Date of Test 8/2/83	Hours Tested 24	Choke Size	Prod'n. For Test Period 30	Oil - Bbl. to pipeline	Gas - MCF to pipeline	Water - Bbl. 70	Gas - Oil Ratio
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate 30	Oil - Bbl. to pipeline	Gas - MCF to pipeline	Water - Bbl. 70	Oil Gravity - API (Corr.)	

34. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold	Test Witnessed By Robert C. Chase
---	---

35. List of Attachments Compensated neutron logs, deviation survey
--

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 <i>Carolyn Orin</i>	TITLE Production Clerk	DATE 8/10/83
-------------------------------	----------------------------------	------------------------

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly drilled deepened well. It shall be accompanied by one copy of all electrical and radioactivity 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 quadruplicate 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	T. Penn. "B"
T. Salt	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
D. Salt	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres 2070'	T. Simpson	T. Gallup	T. Ignacio Qizle
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	
T. Blinberry	T. Gr. Wash	T. Morrison	
T. Tubb	T. Granite	T. Todilto	
T. Drinkard	T. Delaware Sand	T. Entrada	
T. Abo	T. Bone Springs	T. Wingate	
T. Wolfcamp	T.	T. Chinle	
T. Penn.	T.	T. Pennian	
T. Cisco (Bough C)	T.	T. Penn. "A"	

OIL OR GAS SANDS OR ZONES

No. 1, from	to	No. 4, from	to
No. 2, from	to	No. 5, from	to
No. 3, from	to	No. 6, from	to

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

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

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	25	25	Caliche	2300	2320	20	Dolo, anhy.
25	875	850	Red rock, lime	2320	2380	60	Sand, dolo, anhy.
875	1500	625	Anhy.	2380	2430	50	Dolo, anhy.
1500	1600	100	Anhy, shale	2430	3000	570	Dolo.
1600	1810	210	Anhy, shale, dolo.	3000			TD
1810	1915	105	Anhy, dolo.	2998			PBTD
1915	1935	20	Shale, dolo, anhy.				
1935	1980	45	Sand, dolo, anhy.				
1980	2000	20	Dolo, anhy.				
2000	2050	50	Sand, dolo, anhy.				
2050	2255	205	Dolo, anhy.				
2255	2300	45	Shale, dolo, anhy.				

**Marbob Energy Corp.
NG Phillips St. #33
Perforations**

2428'
2438'
2452'
2460'
2462'
2463'
2471'
2488'
2489'
2492'
2501'
2505'
2510'
2512'
2514'
2516'
2523'
2524'
2530'
2537'
2540'
2543'
2622'
2623'
2630'
2637'
2642'
2643'
2652'
2658'
2659'
2664'
2667'
2678'
2680'
2687'
2688'
2693'
2708'
2714'
2715'
2734'
2740'
2744'
2753'
2756'
2759'
2761'
2766'

CERTIFICATE OF SERVICE

I hereby certify that a copy of the foregoing statement has been served upon the following by mailing the same, postage prepaid, properly addressed to:

Phillips Petroleum Company
346 HS&L Building
Bartlesville, Oklahoma 74004
Attention: Mr. G. L. Buttman

MARBOB ENERGY CORPORATION

By:

Carolyn Orris
Carolyn Orris
Production Clerk

Sworn to and subscribed before me this 13th day of July

1984
My commission expires:

9-9-85

Karen M. Lightner
Notary Public in and for Eddy
County, New Mexico

Marbob Energy Corporation

P. O. ~~Box 204~~ Drawer 217
ARTESIA, NEW MEXICO 88210

PHONES
OFFICE: 746-2422

NIGHT
746-3895
746-4877

Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87501

SUBJECT: Natural Gas Policy Act
Statement Under Oath
Paragraph 274.204
New Onshore Production Well

RE: Natural Gas Produced From:

Well Name: NG Phillips St. #33

A.P.I. #: 30-015-24532

Location: 1650 FSL 455 FEL Sec. 27-T17S-R28E

Formation: San Andres

Gentlemen:

Marbob Energy Corportion (Seller), a New Mexico corporation,
herein swears that:

(1) In order to determine that the surface drilling of the referenced well began on a qualified proration unit on or after February 19, 1977, Marbob Energy has searched and reviewed or caused to be searched and reviewed pursuant to its instructions, the following records and sources of information:

(a) Commercial oil and gas lease ownership map and well location map compiled from official county and state records and sold to us by Midland Map Co., Midland, Texas, on file in Seller's offices.

(b) Legal review of land title prior to drilling, on file in Seller's offices.

(c) Electric log records of all wells within the same section as the referenced well and which penetrated the same prospective formations as sought by the referenced well. Log records are on file in Seller's offices, respective state or federal offices, and commercial log companies.

(d) State of New Mexico production records of all wells within the same section as the referenced well and which produced or produces from the same prospective formation as sought by the referenced well. Such records are kept in Seller's offices and in state offices.

(e) Daily drilling reports on file in Seller's files indicating date and time of spudding the referenced well.

(f) State of New Mexico approval of the referenced well location and dedicated acreage to be assigned to the well in the event of production. Such records are on file in both Seller's office and respective state or federal offices. A copy of the acreage dedication plat is included.

(g) Official notices by operator of well drilling activity and completion reports filed with respective state offices. Copies of completion reports are filed with this application.

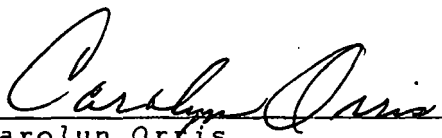
(2) On the basis of Seller's search and examination, Seller has concluded that to the best of his information, knowledge and belief the surface drilling of the referenced well began on or after February 19, 1977.

(3) The New Mexico Oil Conservation Division has altered or granted a waiver of any applicable well spacing requirements on this proration unit.

(4) Based on the results of record searches and reviews listed in paragraph (1) of this letter, Seller has concluded to the best of his information, knowledge and belief, the natural gas for which he seeks a determination is produced from a new onshore production well.

(5) Seller has no knowledge of any information not described in the application which is inconsistent with his conclusions.

MARBOB ENERGY CORPORATION


Carolyn Orris
Production Clerk

CO

Encl.

CERTIFICATE OF MAILING

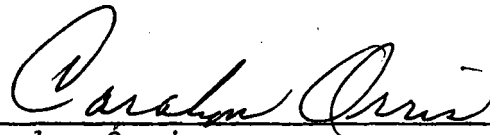
STATE OF NEW MEXICO

COUNTY OF EDDY

Marbob Energy Corporation hereby certifies that it has this day mailed the appropriate FERC 121 Form and OCD 132 form to all working interest owners and gas purchaser in:

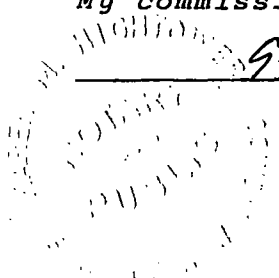
NG Phillips St. #33

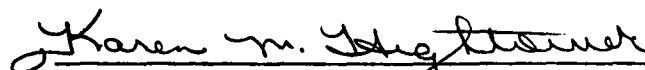
MARBOB ENERGY CORPORATION


Carolyn Orris
Production Clerk

Sworn to and subscribed before me this 13th day of July,
1984.

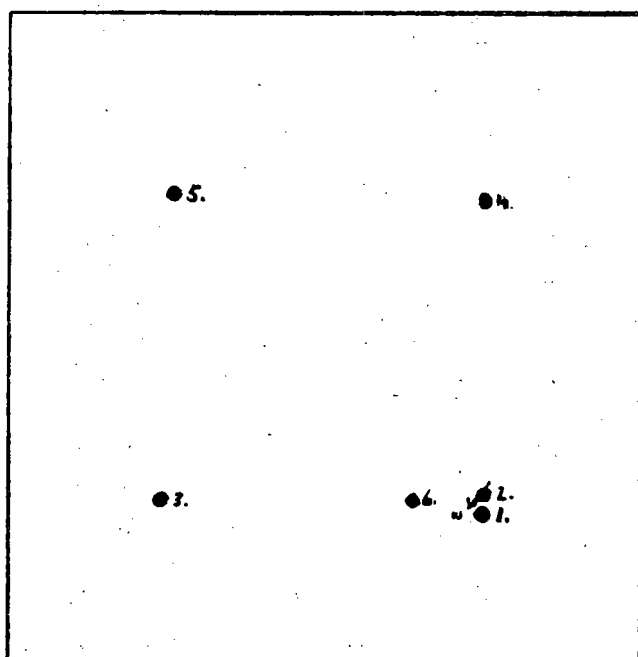
My commission expires:


9-9-85


Karen M. Hightower
Notary Public in and for Eddy
County, New Mexico

[illegible]

Unit I, Section 27, Township 17 South,
Range 28 East, Eddy County, NM



1. ARCO Oil & Gas Company
Empire Abo Unit "C" Well No. 36
1627.97' FSL - 660' FEL
Spud: 7/26/60
Empire Abo Completion

* 2. Marathon Energy Corporation
NE Phillips State Well No. 4
1650' FSL - 330' FEL
Spud: 11/11/60
Artesia Queen Grayburg San Andres completion
Cumulative production
Gas - 38697 MCF
Oil - 23323 B.O.
Converted to W.I.W. 9/17/68

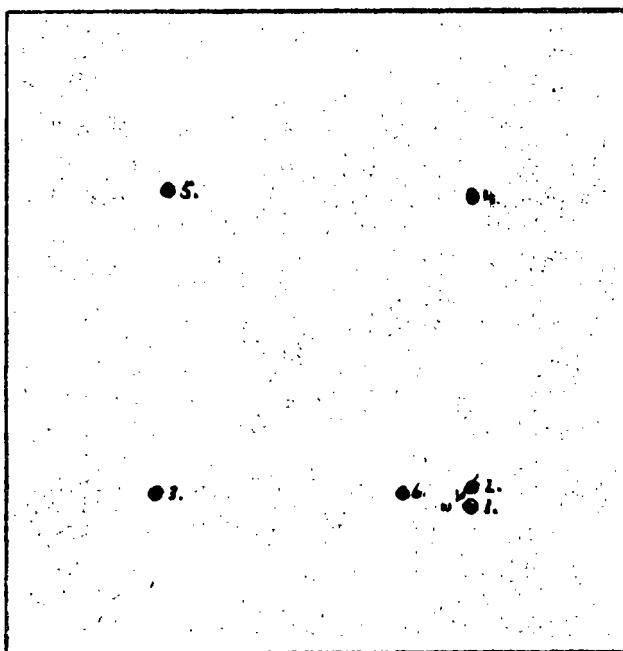
3. Marbob Energy Corporation
 No. 6 Phillips State Well No. 6
 1650' FSL - 990' FEL
 Spud: 5/26/61
 East Empire Yates Seven Rivers completion

4. Marbob Energy Corporation
 No. 6 Phillips State Well No. 23
 2265.7' FSL - 330' FEL
 Spud: 10/15/79
 East Empire Yates Seven Rivers completion

* 5. Marbob Energy Corporation
 No. 6 Phillips State Well No. 27
 2264.4' FSL - 977.8' FEL
 Spud: 4/15/81
 Alberta Queen Cityburg San Andres completion
 Cumulative production as of 12/31/83
 Gas - 89769 MCF
 Oil - 20272 B.O.

6. Marbob Energy Corporation
 No. 6 Phillips State Well No. 33
 1650' FSL - 455' FEL
 Spud: 7/23/83
 Cumulative production as of 12/31/83
 Gas - 2771 MCF
 Oil - 4016 B.O.

Unit I, Section 27, Township 17 South,
Range 28 East, Eddy County, NM



1. ARCO Oil & Gas Company
Empire Abo Unit "C" Well No. 36
1627.97' FSL - 660' FEL
Spud: 7/26/60
Empire Abo Completion

- * 2. Marbob Energy Corporation
NE Phillips State Well No. 4
1650' FSL - 370' FEL
Spud: 11/11/60
Artesia Queen Grayburg San Andres completion
Cumulative production
Gas - 38697 MCF
Oil - 23323 B.O.
Converted to W.I.W. 9/17/68

3. Marbob Energy Corporation
 NE Phillips State Well No. 6
 1650' FSL - 990' FEL
 Spud: 5/26/61
 East Empire Yates Seven Rivers completion

4. Marbob Energy Corporation
 NE Phillips State Well No. 23
 2265.7' FSL - 330' FEL
 Spud: 10/15/79
 East Empire Yates Seven Rivers completion

* 5. Marbob Energy Corporation
 NE Phillips State Well No. 27
 2264.4' FSL - 977.8' FEL
 Spud: 4/5/81
 Artesia Queen Grayberg San Andres completion
 Cumulative production as of 12/31/83
 Gas - 89769 MCF
 Oil - 20272 B.O.

6. Marbob Energy Corporation
 NE Phillips State Well No. 33
 1650' FSL - 455' FEL
 Spud: 7/23/83
 Cumulative Production as of 12/31/83
 Gas - 2771 MCF
 Oil - 4016 B.O.

**Request for Infill Finding on
NG Phillips St. #33
in accordance with Administrative
Procedures amended February 8, 1980**

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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

API # 30-015-2483

Form C-101
Revised 10-1-78

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

JUL 21 1983

O.C.D.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK ARTESIA, OFFICE

1a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		7. Unit Agreement Name
b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Name of Lease Name NG Phillips St.
2. Name of Operator Marbob Energy Corporation		9. Well No. 33
3. Address of Operator P.O. Drawer 217, Artesia, N.M. 88210		10. Field and Pool, or Wildcat Artesia On Grbg SA
4. Location of Well UNIT LETTER I LOCATED 1650 FEET FROM THE South LINE AND 455 FEET FROM THE East LINE OF SEC. 27 TWP. 17S RGE. 28E NMPM		12. County Eddy
19. Proposed Depth 3000'		19A. Formation San Andres
20. Rotary or C.T. Rotary		
1. Elevations (show whether DT, RT, etc.) 3661.3' GR	21A. Kind & Status Plug. bond Statewide active	22. Approx. Date Work will start 7/25/83

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#	500'	300	Circulate
7 7/8"	5 1/2"	15.50#	3000'	600	Attempt to circ

We propose to drill to 500', run 8 5/8" casing and cement, drill on to 3000' to test the San Andres formation, run 5 1/2" casing and cement.

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 1-25-84
UNLESS DRILLING UNDERWAY

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 Carolyn Osie Title Production Clerk Date 7/20/83

(This space for State Use)

APPROVED BY M. H. Walker TITLE OIL AND GAS INSPECTOR DATE JUL 25 1983

CONDITIONS OF APPROVAL, IF ANY:

**MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-85

All distances must be from the outer boundaries of the Section

Operator Marbob Energy Corp.			Lease N. G. Phillips State		Well No. 33
Section I	Section 27	Township 17 South	Range 28 East	County Eddy	
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between;"> 1650 feet from the south line and 455 feet from the east line </div>					
Ground Level Elev. 3661.3'	Producing Formation San Andres	Pool Artesia On Grbg SA		Dedicated Acreage: 40	Acrea

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

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

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.

NG PHILLIPS ST. #4- INJECTION WELL

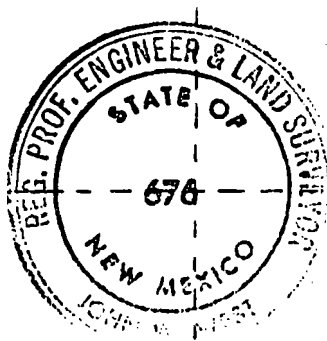
#6- SEVEN RIVERS COMPLETION

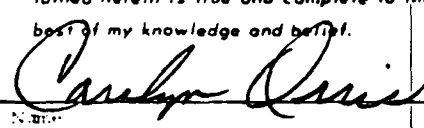
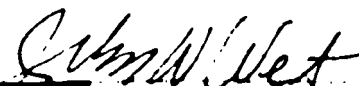
#23- ✓

#27- SAN ANDRES COMPLETION

Cum. Production - 4/31/84

24,865 BBL OIL



CERTIFICATION	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
 Name: Carolyn Orris	
Position: Production Clerk	
Company: Marbob Energy Corporation	
Date: 7/20/83	
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: July 19, 1983	
Registered Professional Engineer and Land Surveyor	
 Certificate No. JOHN A. WEST 676 RONALD E. EDSON 5249	

Rule 6:

NG Phillips St. #33

Artesia Queen Grayburg San Andres

Standard spacing unit: 40 acres.

Rule 7:

NA

Rule 8:

- a. NG Phillips St. #33 - 1650 FSL 455 FEL Sec. 27-T17S-R28E
NG Phillips St. #27 - 2264.4 FSL 977.8 FEL Sec. 27-T17S-R28E
- b. #33 - 7/23/83
#27 - 4/5/81
- c. #33 - 8/1/83
#27 - 5/19/81
- d. None
- e. #33 - 17 bbl. oil/ 10 mcf gas/day
#27 - 30 bbl oil, 150 mcf gas/day
- f. NA
- g. The NG Phillips St. #4 is TD'd above the highest perforation in the #33 well and could not be commercially drilled to a deeper depth to drain the reservoir. The NG Phillips St. #33 was drilled because the low permeability and low quality solution gas recovery mechanism require reduced spacing to efficiently drain the reservoir. Since both the #27 and #33 experienced new reservoir type conditions we feel the additional drilling was justified.

Paul G. White Engineering

OIL AND NATURAL GAS

July 13, 1984

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

Re: Pertinent Engineering Data
NG Phillips State No. 33
Artesia Queen Grayburg - San Andres
Eddy County, New Mexico 88210

Gentlemen:

The subject well, located 1650' FSL and 455' FEL, Section 27-T17S-R28E, Eddy County, New Mexico was completed August 1, 1983.

I have estimated the oil and gas reserves for the subject well based on a 20 acre well density. From the electrical log and analogous well studies I have estimated that the well will recover 27,050 barrels of oil and 17,912 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.

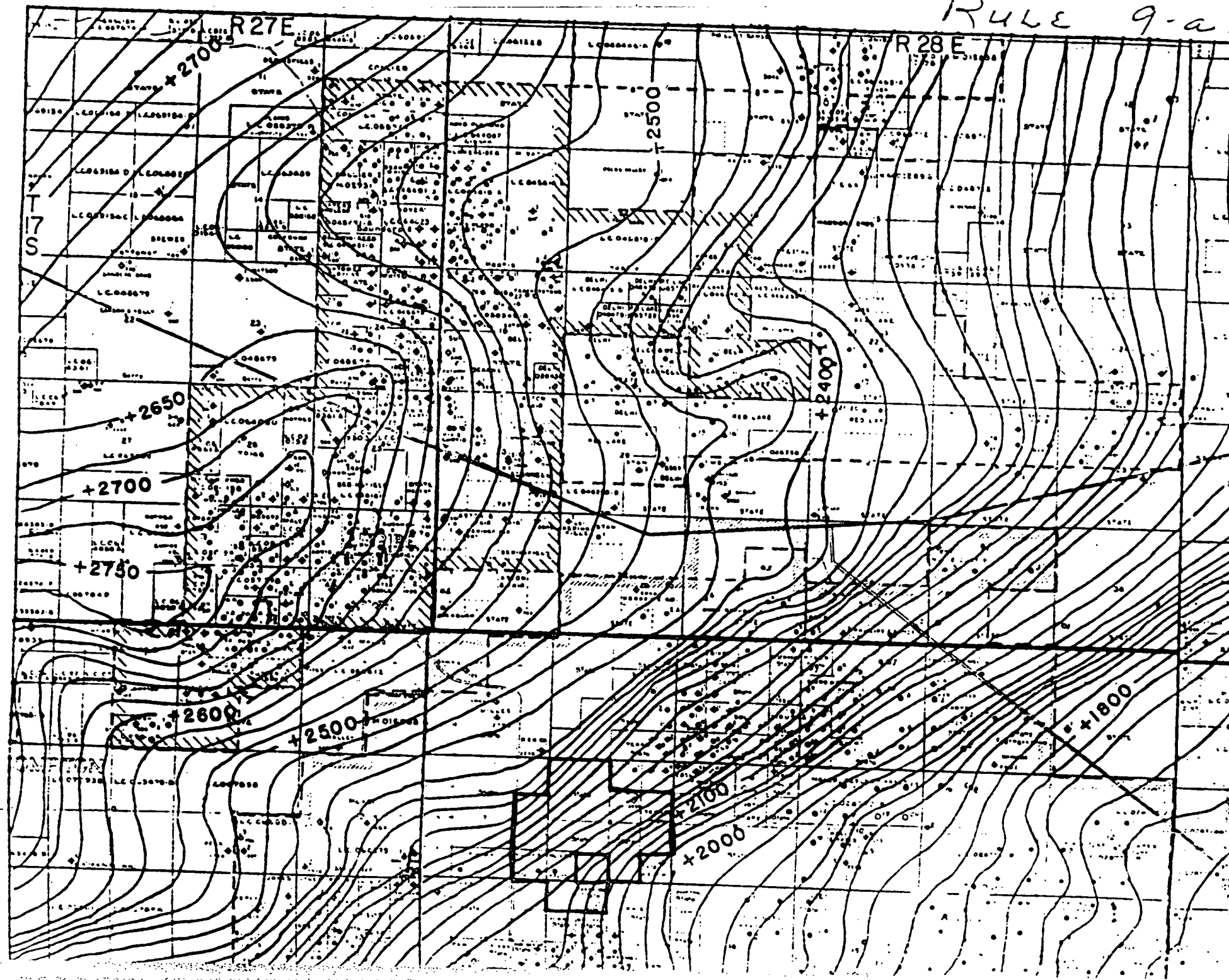
From my study the in-fill wells will characteristically exhibit new reservoir conditions.

Signed Paul G. White
Petroleum Engineer

Date July 13, 1984

PGW/sf

RULE 9-a



Rule 11:

Notice of this infill request has been sent to Depco, Inc., 1000 Petroleum Bldg., Denver, Colorado 80202; Hondo Oil & Gas Co., P.O. Box 1610, Midland, Texas 79702; Yates Petroleum Corporation, 207 So. 4th St., Artesia, N.M. 88210.

Request for Infill Finding on

NG Phillips St. #33

in accordance with Administrative

Procedures amended February 8, 1980

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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

API # 30-015-2483

Form C-101
Revised 10-1-78

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

JUL 21 1983

O.C.D.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5A. Indicate Type of Lease
STATE ☒ FEDERAL ☐
6. State Oil & Gas Lease No.
B-2071

7. Unit Agreement Name

8. Name of Lease Name
NG Phillips St.

9. Well No.
33

10. Field and Pool, or Wildcat
Artesia On Grbg SA

11. Location of Well
UNIT LETTER I LOCATED 1650 FEET FROM THE South LINE
AND 455 FEET FROM THE East LINE OF SEC. 27 TWP. 17S RGE. 28E NMDM

12. County
Bddy

13. Proposed Depth
3000'

14A. Formation
San Andres

15. Rotary or C.T.
Rotary

16. Elevations (show whether D.P., K.I., etc.)
3661.3' GR

21A. Kind & Status Plug. Bond
Statewide active

21B. Drilling Contractor
Artesia Fishing Tool

22. Approx. Date Work will start
7/25/83

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#	500'	300	Circulate
7 7/8"	5 1/2"	15.50#	3000'	600	Attempt to circ

We propose to drill to 500', run 8 5/8" casing and cement, drill on to 3000' to test the San Andres formation, run 5 1/2" casing and cement.

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 1-25-84
UNLESS DRILLING UNDERWAY

IF 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.

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

Signed Carolyn Orsi Title Production Clerk Date 7/20/83
(This space for State Use)

APPROVED BY M. L. Walker TITLE OIL AND GAS INSPECTOR DATE JUL 25 1983

CONDITIONS OF APPROVAL, IF ANY:

**MEXICO OIL CONSERVATION COMMISSION
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 Marbob Energy Corp.			Lease N. G. Phillips State		Well No. 33
Tract Letter I	Section 27	Township 17 South	Range 28 East	County Eddy	
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between;"> 1650 feet from the south line and 455 feet from the east line </div>					
Ground Level Elev. 3661.3'	Producing Formation San Andres		Pool Artesia On Grbg SA	Dedicated Acreage: 40 Acres	

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

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

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.

NG PHILLIPS ST. #4- INJECTION WELL

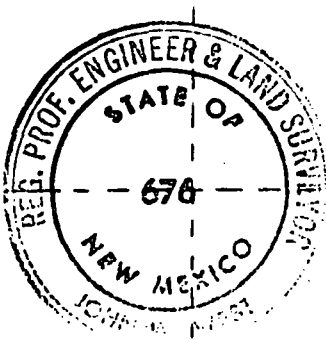
#6- SEVEN RIVERS COMPLETION

#23- ✓

#27- SAN ANDRES COMPLETION

Com. Production - 4/31/84

24,265 Bbl. Oil



27 23

6 4

CERTIFICATION

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

Carolyn Orris

Name
Carolyn Orris

Position
Production Clerk

Company
Marbob Energy Corporation

Date
7/20/83

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
July 19, 1983

Registered Professional Engineer and Land Surveyor

John W. West

Certificate No. **JOHN W. WEST 676**
RONALD J. HUDSON 3239

Rule 6:

NG Phillips St. #33

Artesia Queen Grayburg San Andres

Standard spacing unit: 40 acres.

Rule 7:

NA

Rule 8:

- a. NG Phillips St. #33 - 1650 FSL 455 FEL Sec. 27-T17S-R28E
NG Phillips St. #27 - 2264.4 FSL 977.8 FEL Sec. 27-T17S-R28E
- b. #33 - 7/23/83
#27 - 4/5/81
- c. #33 - 8/1/83
#27 - 5/19/81
- d. None
- e. #33 - 17 bbl. oil/ 10 mcf gas/day
#27 - 30 bbl oil, 150 mcf gas/day
- f. NA
- g. The NG Phillips St. #4 is TD'd above the highest perforation in the #33 well and could not be commercially drilled to a deeper depth to drain the reservoir. The NG Phillips St. #33 was drilled because the low permeability and low quality solution gas recovery mechanism require reduced spacing to efficiently drain the reservoir. Since both the #27 and #33 experienced new reservoir type conditions we feel the additional drilling was justified.

Paul G. White Engineering

OIL AND NATURAL GAS

July 13, 1984

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

Re: Pertinent Engineering Data
NG Phillips State No. 33
Artesia Queen Grayburg - San Andres
Eddy County, New Mexico 88210

Gentlemen:

The subject well, located 1650' FSL and 455' FEL, Section 27-T17S-R28E, Eddy County, New Mexico was completed August 1, 1983.

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 27,050 barrels of oil and 17,912 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

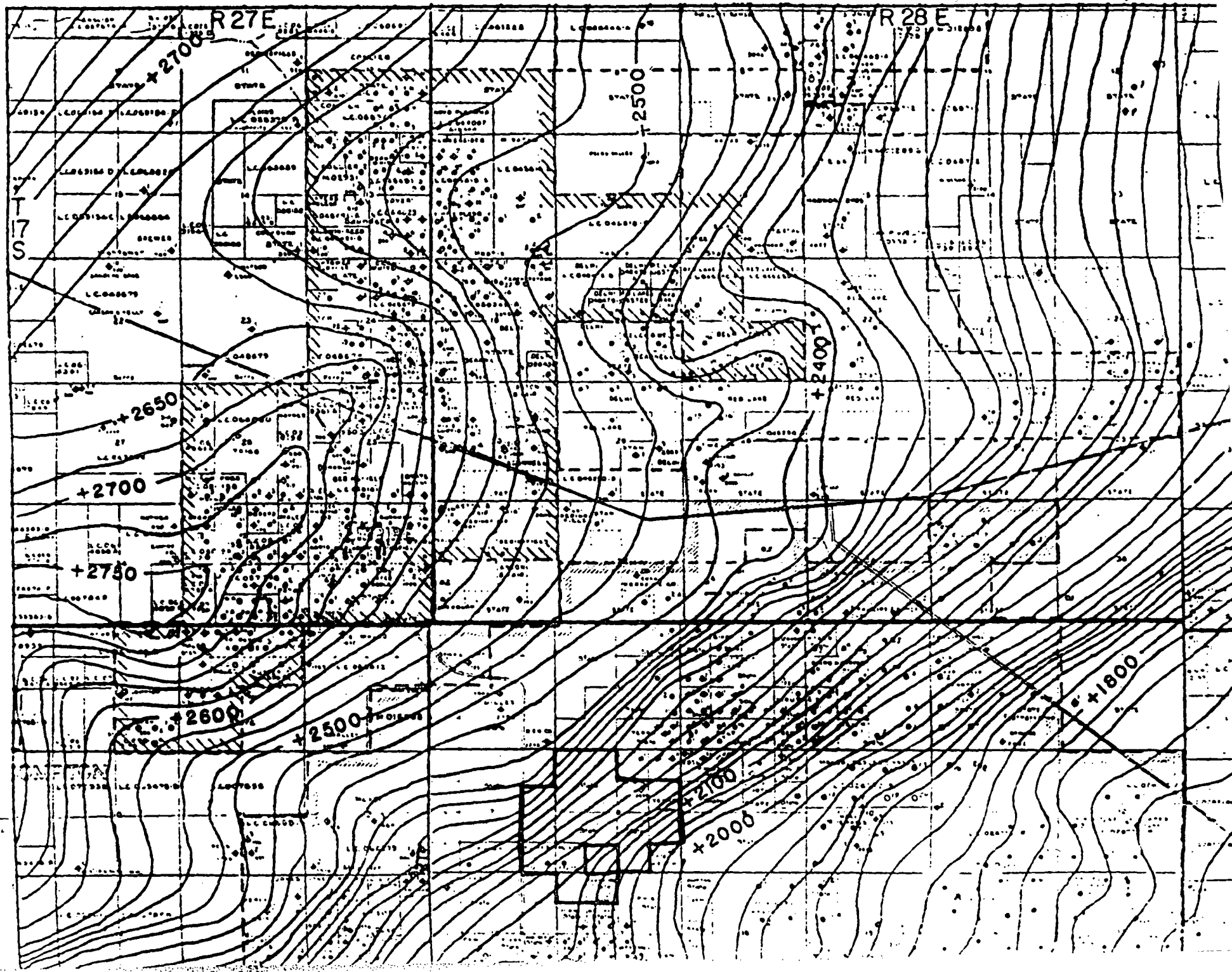
Paul G. White
Petroleum Engineer

Date

July 13, 1984

PGW/sf

RULE 9-a.



Rule 11:

Notice of this infill request has been sent to Depco, Inc., 1000 Petroleum Bldg., Denver, Colorado 80202; Hondo Oil & Gas Co., P.O. Box 1610, Midland, Texas 79702; Yates Petroleum Corporation, 207 So. 4th St., Artesia, N.M. 88210.