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

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

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ADMINISTRATIVE ORDER NFL 121

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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

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ADMINISTRATIVE ORDER NFL______

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

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

INFII	L DRILLI	NG FINDIN	GS AND WEI	LL-SPACING	WAIVER
MAL	E PURSUA	NT TO SEC	FION 271.3	305(b) OF 1	THE
FEDER	AL ENERG	Y REGULAT	ORY COMMIS	SION REGU	LATIONS,
NATURAL GAS	POLICY	ACT OF 19	78 AND OII	CONSERVA	FION DIVISION
		ORDER N	D. R-6013		

Operator	Marhob	Energy	Corporati	0 m	Well Name a	nd No.	Turkey Trace	6 Sec. 3 U	nit Well No.	30
Location:	Unit_1	Sec	<u>3</u> Twp	19 South R	ng. <u>29 East</u>	_ Cty.	Eddy		. <u></u>	•
II.										

THE DIVISION FINDS:

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(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 <u>Iurkey Track Seven Kivers</u>-<u>Queen-Grayburg-San Andros</u>Pool, and the standard spacing unit in said pool is <u>40</u> acres.
(4) That a <u>40</u> -acre proration unit comprising the <u>NE/4</u> SE/4 of Sec. <u>3</u>, Twp. <u>[15014</u>, Rng. <u>29 East</u>, is currently dedicated to the <u>applicant's Turkey Track</u> <u>Sec. 3 Unit Well No. 17</u> located in Unit <u>1</u> of said section.

(5) That this proration unit is (\checkmark) standard () nonstandard; if nonstandard, said unit was previously approved by Order No.

(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 29,414 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 _____ day of _____, 19_____,

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DIVISION DIRECTOR ____ EXAMINER ____



STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

BRUCE KING GOVERNOR LARRY KEHOE SECRETARY

POST OFFICE BOX 2088 STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 87501 (505) 827-2434 REQUEST FOR INFILL FINDING ON TURKEY TRACK SEC. 3 UNIT #30 in accordance with Administrative Procedures amended February 8, 1980

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LAND OFFICE OPERATOR APPL II	CATION FOR PI	ERMIT TO	DRILL, DEEP N	O. C.	D. DEFICE			-8876 [[]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]	
b. Type of Well	.L XX		DEEPEN		PLUG (заск 🔲 -	Turkey 8. Fam of 1		
2. Name of Operator		#CA		DINCLE X	. MUL	11PLE	9. Well No.	Track Sec.	3 Ut.
Marbob Energ	y corporation	20							
3. Address of Operator		- 				1		d Pool, or Wildes	•
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3395! GR	her Dir, KT, etc.)	1	6 Status Plug. Bond Wide active	21B. Drilling Co: Larue Dri		Co.		. Date Work will a 7/85	lart
23.	·	P	ROPOSED CASING AN	D CEMENT PRO	GRAM			••••	
SIZE OF HOLE	SIZEOF	CASING	WEIGHT PER FOOT	SETTING	DEPTH	SACKS OF	CEMENT	EST. TO	P
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7 7/8"	5 1/2	11	15.50#	3000'		400 sax			

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

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hereby config that t	he information above is true and complete to the be	et of my knowledge and belief. <u> Production Clerk</u>		2/5/85

N MEXICO OIL CONSERVATION COMMISS WELL LOCATION AND ACREAGE DEDICATION PLAT

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

MARBOB ENERGY CORP. TURKEY TRACT SECTION 3 UNIT 30 Letter Section Township Range County I 3 195 29E EDDY ial Footage Location of Well: 1650 feet from the SOUTH SOUTH	erator	All distances must be fro	na die outer boundaries Legee	of the Section		Well Nc.	
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Rule 6:

Turkey Track Sec. 3 Unit #30

Pool: Turkey Track Seven Rivers Queen Grayburg San Andres

Standard spacing unit: 40 acres

Rule 7:

NA

Rule 8:

- a. Turkey Track Sec. 3 Unit #30 1650 FSL 330 FEL Sec. 3-T19S-R29E Turkey Track Sec. 3 Unit #17 - 2310 FSL 990 FEL Sec. 3-T19S-R29E
- b. #30 2/9/85 #17 - 11/23/76
- c. #30 4/21/85 #17 - 2/1/77
- d. None
- e. #30 15 bbl oil, 65 mcf gas/day #17 - 2½ bbl oil, 13 mcf gas/day
- f. NA
- g. The Turkey Track Sec. 3 Unit #30 was drilled because of the low permeability and low quality solution gas recovery mechanism require reduced spacing to efficiently drain the reservoir. Since the #30 experienced new reservoir type conditions we feel the additional drilling was justified.

Paul G. White Engineering

OIL AND NATURAL GAS

May 1, 1985

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

Re: Pertinent Engineering Data Turkey Track Sec. 3 Unit Well No. 30 Turkey Track SR-Q-GR-SA Eddy County, New Mexico

Gentlemen:

The subject well, located 1650' FSL and 330' FEL, Section 3-19S-R29E, Eddy County, New Mexico was completed April 22, 1985.

I have estimated the oil and gas reserves for the subject well based on a 20 acre well density. From the electrical log and analagous well studies, I have estimated that the well will recover 13,612 barrels of oil and 29,414 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.

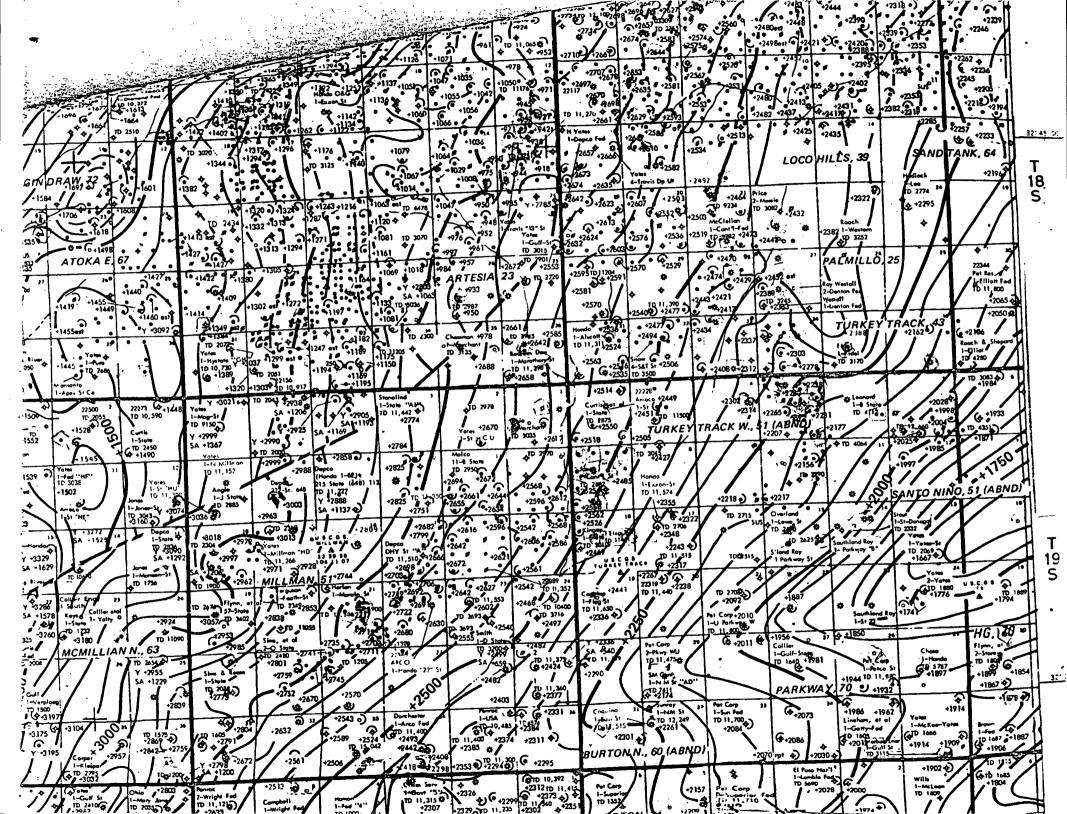
From my study the in-fill wells will characteristically exhibit new reservoir conditions.

Signed Petroleum Engineer

-1-85

Date

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Rule ll:

Notice of this infill request has been sent to Tenneco Oil Production & Exploration Co., 7990 IH 10 West, San Antonio, Texas 78230; and Santa Fe Exploration Co., P.O. Box 1136, Roswell, N.M. 88201.

REQUEST FOR INFILL FINDING ON

TURKEY TRACK SEC. 3 UNIT #30

in accordance with Administrative

Procedures amended February 8, 1980

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N MEXICO OIL CONSERVATION COMMISS

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

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

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Chit Letter	Section	Township		Range	County		30
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this form No allowa	if nec essary.) ble will be as	signed to the w	tract descript ell until all in	tions which he 	eve actually	lated (by commun	l. (Use reverse side of itization, unitization, proved by the Commis-
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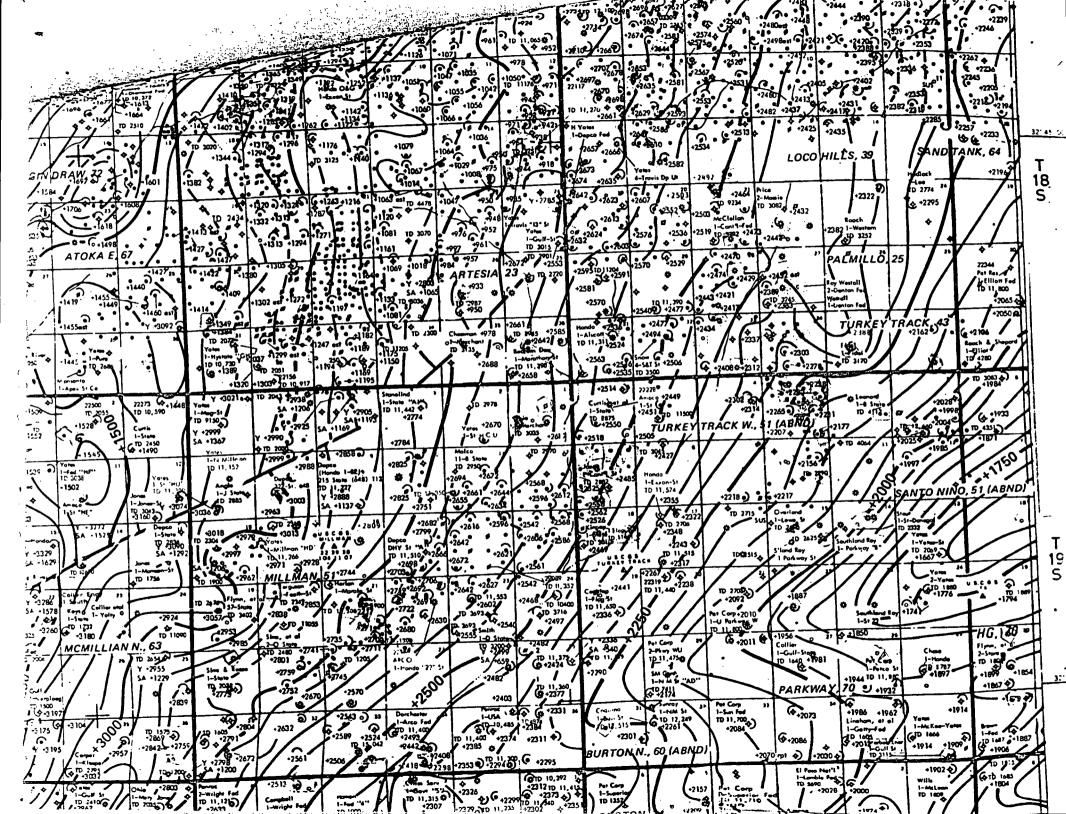
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