CASE 4586: Application of MOBIL OIL CORPORATION FOR AN UNORTHODOX OIL WELL LOCATION, LEA COUNTY.

4586

Application Transcripts.

Small Exhibits

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209 SIMMS BLDG. • P.O. BOX 1092 • PHONE 243-6691

BEFORE THE
NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

Examiner Hearing September 1, 1971

IN THE MATTER OF:

Application of Mobil Oil)
Corporation for an unorthodox)
oil well location, Lea)
County, New Mexico.)

Case No. 4586

BEFORE: ELVIS A. UTZ, EXAMINER

TRANSCRIPT OF HEARING



```
MR. UTZ: Case 4586.
             MR. HATCH: Case 4586. Application of Mobil Oil
   Corporation for an unorthodox oil well location, Lea County,
   New Mexico.
             MR. EK: I am Dale Ek. I will enter an appearance
   on behalf of the applicant, Mobil Oil Corporation.
             MR. UTZ: Are there other appearances?
             MR. SEARY: John Seary with Mobil Oil.
             MR. UTZ: Okay. Do you want to come forward and
   put vour case on?
10
                                                  (Witness sworn)
11
                           JOHN SEARY
12
   having been first duly sworn, according to law, upon his oath
13
   testified as follows:
14
                       DIRECT EXAMINATION
15
   BY MR. EK:
16
        Would you state your name, please?
17
        J. H. Seary, employed --
18
        By whom are you employed?
19
        By Mobil Oil Corporation, Midland Division Office.
20
        What is your position with Mobil Oil Corporation, Mr.
21
        Seary?
22
        I am associate engineer in the proration group.
23
        How long have you been so employed?
24
        For seventeen years.
25
```

```
Q
        Have you qualified as an expert before this commission on
        previous occasions?
        Yes, I have.
  Α
        And are your qualifications contained in records of other
   Q.
        commission hearings?
        Yes, they are.
             MR. UTZ: He is qualified.
             MR. EK:
                      Thank you.
        (Mr. Ek continuing) It is my understanding, Mr. Seary,
9
        the purpose of Mobil's application is to obtain approval
10
        from the commission for drilling an infill production
11
        well within the Humphrey Queen Unit in an unorthodox
12
        location; is that correct?
13
        Yes, sir.
14
        What is the number of the proposed well?
   \Omega
15
        The proposed well is No. 28.
   Α
16
        And where is the proposed location of the well within
   Q
17
        the Humphrey Queen Unit?
18
        The proposed well 28 is in unit J, 2450 feet from the East
19
        line and 1325 feet from the South line of Section 3,
20
        Township 25 South, Range 37 East, Lea County, New Mexico.
21
        And what is this proposed location, unorthodox location?
22
        It is an unorthodox location, because it is closer than
23
        330 to the south and west lines of unit J of that Section.
24
        And I hand you what has been marked Mobil's Exhibit No. 1
25
```

and ask you to identify it, please.

Exhibit 1 is a plat of the unit area showing the location of the proposed well 28.

What is the purpose to be served by well No. 28 in the position, the unorthodox location?

Mobil is operator of the Humphrey Oueen Unit water flood as authorized by the commission order No. R3426 dated

June 5, 1969.

Injection began in this water flood in November of 1969. Mobil feels that the proposed infill producing well is necessary to recover oil from a trap area formed by producing wells No. 16, 21, 22 and 24.

- O I hand you what has been marked Mobil's Exhibit No. 2 and ask you to identify it, please.
- A Exhibit 2 shows a five spot pattern of concern in this application. It also shows the area calculated to be swept by the existing water flood as shown in blue.

This calculation further shows in the red shaded area the estimated trap area where recovery of oil will not occur unless the proposed well 28 is drilled.

That comparison shows that the Humphrey Queen Unit 28 Well is necessary to prevent the loss of an estimated 85,000 barrels of water flood oil.

The current producing well in the five spot well
No. 16 is responding very poorly to the water flood, four

		PAGE 3
1		barrels of oil per day and twenty-three barrels of water
2		per day, and it is estimated that the addition of the
. 3		proposed well 28 as a producing well to this pattern at
4		the proposed location will add approximately sixty acres
5	,	of productive acreage to the water flood pattern.
6	Ω	Are there any other producers in the area of this proposed
7		unorthodox location which might possibly be affected by
8	,	production from such a well?
9	Α	Gulf is the offset operator to the south.
10	Ò	I hand you what has been marked Mobil's Exhibit No. 6 and
11		ask you to identify it, please.
12	А	Exhibit 6 is Gulf's signed waiver showing that Gulf as an
13		offset operator has no objection to the commission granting
14		Mobil an unorthodox location.
15	Ö.	I also hand you what has been marked Mobil's Exhibits 3,
16		4 and 5 and ask you to identify them, please.
17	A	Exhibit 3 is a tabulation of the oil production from the
18		Humphrey Queen Unit from the time of the formation of the
19		unit until July of 1971.
20		Exhibit 4 is a copy of the Cl02 of the proposed well
21		28, Exhibit 5 is a copy of the Cl01 of the proposed well
22		28.
23		MR. EK: We would at this time move the admission of

Mobil's Exhibits 1 through 6.

MR. UTZ: Without objection, Mobil's Exhibits 1 through

24

```
6 will be entered into the record of this case.
             MR. UTZ: Are there questions of the witness?
                       CROSS-EXAMINATION
   BY MR. UTZ:
5
        Mr. Seary, what would cause this so-called trap in between
   Q
6
        these producing wells?
7
        We estimate that the sixty wells will water out before
8
        the area to the south is swept. There tends to be an
        east-west trend in the preferential trend in the injection,
9
10
        and we have very little success in getting injection up
        from the south, say, from injection well 23 towards 16.
11
12
             We feel it will water out 22 and 24, in this area
        where the proposed 28 well is, we feel it will not be
13
        swept or produced.
14
15
        Well, it is just an area where you have no injection and
        no production either?
16
        Yes, sir.
17
        It isn't necessarily a geological feature, it is just a
18
        dead area, so to speak, right?
19
        True.
20
             MR. UTZ: Other questions? Case will be taken under
21
   advisement. Statements in the case? Case will now be taken
22
   under advisement.
23
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1		INDEX	
2		WITNESS	:.
3	јони :	SEARY	
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5		Cross-Examination by Mr. Utz 6	
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1 STATE OF NEW MEXICO
  COUNTY OF BÉRNALILLO )
        I, LINDA MALONE, Court Reporter, do hereby certify that
   the foregoing and attached Transcript of Hearing before the
  New Mexico Oil Conservation Commission was reported by me;
   that the same is a true and correct record of the said
   proceedings, to the best of my knowledge, skill and ability.
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OIL CONSERVATION COMMISSION

STATE OF NEW MEXICO P. O. BOX 2088 - SANTA FE 87501 BRUCE KING CHAIRMAN LAND COMMISSIONER

GOVERNOR

ALEX J. ARMIJO MEMBER STATE GEOLOGIST A. L. PORTER, JR.

SECRETARY - DIRECTOR

September 8,1971

Mr. Dale Ek	Re: Case No. 4586
Modrall, Seymour, Sperling, F	ochl Order No. R-4190
& Harris Attorneys at Law	Applicant:
Post Office Box 2168 Public Service Building	Mobil Oil Corporation
Albuquerque, New Mexico 87103	

Dear Sir:

Enclosed herewith are two copies of the above-referenced Commission order recently entered in the subject case.

A. L. PORTER, Jr.
Secretary-Director

BEFORE THE OIL CONSERVATION COMMISSION OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION COMMISSION OF NEW MEXICO FOR THE PURPOSE OF CONSIDERING:

> CASE NO. 4586 Order No. R-4190

APPLICATION OF MOBIL OIL CORPORATION FOR AN UNORTHODOX OIL WELL LOCATION, LEA COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on September 1, 1971, at Santa Fe, New Mexico, before Examiner Elvis A. Utz.

NOW, on this 8th day of September, 1971, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

- (1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.
- (2) That the applicant, Mobil Oil Corporation, is the operator of the Mobil Langlie Mattix Humphrey Waterflood Project in the Langle --Mattix Pool, Lea County, New Mexico.
- (3) That the applicant seeks authority to drill an oil well as an infill well in said waterflood project at an unorthodox location 1325 feet from the South line and 2450 feet from the East line of Section 3, Township 25 South, Range 37 Bast, NMPM, Langlie-Mattix Pool, Lea County, New Mexico.
- (4) That approval of the proposed location should increase the efficiency of the Mobil Langlie Mattix Humphrey Waterflood Project and result in greater ultimate recovery of oil, thereby preventing waste.

-2-CASE NO. 4586 Order No. R-4190

(5) That approval of the subject application will afford the applicant the opportunity to produce its just and equitable share of the oil in the pool, and will otherwise prevent waste and protect correlative rights.

IT IS THEREFORE ORDERED:

- (1) That the applicant, Mobil Oil Corporation, is hereby authorized to drill an oil well as an infill well in its Mobil Langlie Mattix Humphrey Waterflood Project, Langlie-Mattix Pool, Lea County, New Mexico, at an unorthodox location 1325 feet from the South line and 2450 feet from the East line of Section 3, Township 25 South, Range 37 East, NMPM.
- (2) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

BRUCE KING. Chairman

ALEX J. ARMIJO, Member

A. L. PORTER, Jr., Member & Secretary

SEAL

Case 4586

Heard 9-1-71

Lec. 9-2-71

Argul Mabill the NSL requested in the Leemphy Duren with 26 To be located is 25/5, 2450/£ 25 see.

(3) 3-2537. The prespose the well is to I cain a Leaf spot in the coalerflood Turish

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DOCKET: EXAMINER HEARING - WEDNESDAY - SEPTEMBER 1, 1971

9 A.M. - OIL CONSERVATION COMMISSION CONFERENCE ROOM, STATE LAND OFFICE BUILDING - SANTA FE, NEW MEXICO

The following cases will be heard before Daniel S. Nutter, Examiner, or Elvis A. Utz, Alternate Examiner:

- CASE 4558: (Continued from the July 28, 1971, Examiner Hearing)

 Application of Midwest Oil Corporation for a unit agreement,
 Lea County, New Mexico. Applicant, in the above-styled
 cause, seeks approval of the Little Inbe (Bough "C") Unit
 Area comprising 2,240 acres, more or less, of state lands
 in Sections 10, 11, 14 and 15 of Township 10 South, Range
 33 East, Inbe Permo-Pennsylvanian Pool, Lea County, New
 Mexico.
- CASE 4559: (Continued from the July 28, 1971, Examiner Hearing)
 Application of Midwest Oil Corporation for a waterflood
 project, Lea County, New Mexico. Applicant, in the
 above-styled cause, seeks authority to institute a waterflood project in its Little Inbe (Bough "C") Unit Area,
 Inbe Permo-Pennsylvanian Pool, Lea County, New Mexico,
 by the injection of water through three wells located in
 Sections 11 and 14 of Township 10 South, Range 33 East,
 Lea County, New Mexico.
- CASE 4586: Application of Mobil Oil Corporation for an unorthodox oil well location, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to drill an oil well as an infill well in its Humphrey Queen Unit Area at an unorthodox location 1325 feet from the South line and 2450 feet from the East line of Section 3, Township 25 South, Range 37 East, Langlie-Mattix Pool, Lea County, New Mexico.
- CASE 4574: (Continued from the July 28, 1971 Examiner Hearing)

 In the matter of the hearing called by the Oil Conservation Commission on its own motion to permit Tenneco Oil Company to appear and show cause why it should not take immediate action to repair the production casing in its Bolack "B" Well No. 5 located in Unit J of Section 31, Township 27 North, Range 8 West, Basin-Dakota Pool, San Juan County, New Mexico.
- CASE 4584: Application of Tenneco Oil Company for gas injection, McKinley County, New Mexico. Applicant, in the above-styled cause, seeks authority to inject casinghead gas

Examiner Hearing September 1, 1971 -2-

Docket No. 19-71

produced by certain wells located in the Lone Pine-dakota "D" Pool, McKinley County, New Mexico, into the Dakota "A" zone through perforations from 2547 feet to 2562 feet in its Santa Fe Pacific Railroad Well No. 2 located in the NW/4 SW/4 of Section 13, Township 17 North, Range 9 West, South Hospah Field. The gas is to be injected for storage purposes awaiting the institution of a pressure maintenance project in the Lone Pine-Dakota "D" Pool.

- CASE 4539: (Continued from the August 18, 1971 Examiner Hearing)

 In the matter of the hearing called by the Oil Conservation Commission on its own motion to permit Doanbuy

 Lease & Company, Inc., and all other interested persons to appear and show cause why its following described wells in Section 27, Township 14 South, Range 33 East, Saunders Pool, Lea County, New Mexico, should not be plugged and abandoned in accordance with a Commission-approved plugging program.
- CASE 4587: Application of Wolfson Oil Company for a non-standard gas proration unit, Chaves County, New Mexico. Applicant, in the above-styled cause, seeks approval of a 160-acre non-standard gas proration unit comprising the W/2 NE/4 and E/2 NW/4 of Section 12, Township 15 South, Range 29 East, Double L-Queen Associated Pool, Chaves County, New Mexico, to be dedicated to its Amerada "C" Federal Well No. 1 located 330 feet from the North line and 1650 feet from the East line of said Section 12.
- CASE 4585: Application of Pennzoil United, Inc. for an unorthodox gas well location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an exception to Rule 104 of the Commission Rules and Regulations to permit the drilling of a well at an unorthodox gas well location 1980 feet from the South line and 990 feet from the West line of Section 6, Township 23 South, Range 27 East, South Carlsbad-Strawn Gas Pool, Eddy County, New Mexico, the S/2 of said Section 6 to be dedicated to the well.

LAW OFFICES OF

JAMES E. SPERLING
JOSEPH E. ROEHL
GEORGE T. HARRIS, JR.
DANIEL Ä. SISI:
LELAND S. SEDBERRY, JR.
ALLEN C. DEWEY, JR.
FRANK H. ALLEN, JR.
JAMES P. SAUNDERS, JR.

KENNETH L. HARRIGAN PETER J. ADANG OALE W. EK

JAMES A. PARKER JOHN R. COONEY

CAMERON R. GRAHAM DENNIS J. FALK MODRALL, SPERLING, ROEHL, HARRIS & SISK

PUBLIC SERVICE BUILDING

P. O. BOX 2168
ALBUQUERQUE, NEW MEXICO 87103

JOHN F. SIMMS (1885-1954) AUGUSTUS T. SEYMOUR (1907-1965)

TELEPHONE 243-45II

August 17, 1971

Case 4586

Mr. A. L. Porter, Jr.
Secretary-Director
New Mexico Oil Conservation Commission
Post Office Box 2088
Santa Fe, New Mexico 87501

Dear Mr. Porter:

Enclosed herewith is the Application of Mobil Oil Corporation for an infill producing well in the Humphrey Queen Waterflood Unit. I understand that the Application has been scheduled for advertisement and appearance on the September 1 docket.

Very truly yours,

James E. Sperling

JES:cj Enclosure

DOCKET MARKED

Des 8-19-11

BEFORE THE OIL CONSERVATION COMMISSION

OF THE STATE OF NEW MEXICO AUB181979

JIL CONSERVATION COMM

IN THE MATTER OF THE APPLICATION OF MOBIL OIL CORPORATION FOR APPROVAL OF AN UNORTHODOX WELL LOCATION WITHIN THE HUMPHREY QUEEN UNIT IN SECTION 3, TOWNSHIP 25 SOUTH, RANGE 37 EAST, LEA COUNTY, NEW MEXICO.

Case No. 4586

APPLICATION

- 1. Applicant, Mobil Oil Corporation, hereby makes application for approval of the drilling of a well for the production of oil at a location in Unit J, 2,450 feet from the East line and 1,325 feet from the South line of Section 3, Township 25 South, Range 37 East, N.M.P.M.
- 2. Applicant is the operator of the Humphrey Queen Unit, the same being a waterflood project heretofore approved by this Commission for the production of oil by secondary recovery methods from the Queen Formation underlying the proposed location.
- The proposed well is an infill and the approval of the proposed location should increase the efficiency of the Humphrey Queen Unit Waterflood Project within the Langlie-Mattix pool and result in greater ultimate recovery of oil thereby preventing waste.
- 4. Attached to this application is copy of Form C-101 and C-102 prescribed by this Commission.

WHEREFORE, Applicant requests that this application be set for hearing before an Examiner at the scheduled Examiner hearing on September 1, 1971.

Respectfully submitted,

MOBIL OIL CORPORATION

By: MODRALL SPERLING ROEHL HARRIS & SISK

James E. Sperling, its attorneys Post Office Box 2168

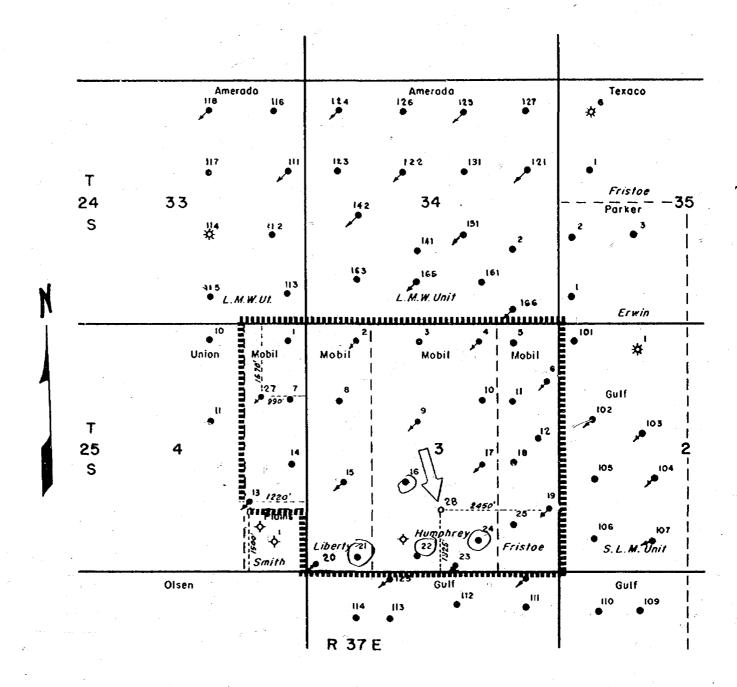
Albuquerque, New México 87103

						
DISTRIBUTION	- NEV	WEXICO OIL CONS	ERVATION COMMISSION		Form C-101 Revised 1-1-6	ς.
SANTA FE				1		Type of Lease
FILE _U.S.G.S.					STATE	FEE X
LAND OFFICE		* -				& Gas Lease No.
OPERATOR					*	a cas Ecase No.
<u> </u>		•	1		mm	amminin
APPLICATIO	N FOR PERMIT TO	DRILL, DEEPEN,	OD BLUG BYCK			
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b. Type of Well DRILL		DEEPEN	PLUG	васк 🔲	•	ey Queen Unit
OIL X GAS WELL	OTHER_		SINGLE X MUI	TIPLE ZONE	8. Fain of L	eose Manie
2. Name of Operator		`			9. Well No.	
Mobil Oil Corporati	ion				28	
3. Address of Operator					10. Field on	d Pool, or Wildcat
P. O. Box 633, Midl	Land, Texas, 79	701			Lang11	e-Mattix
4. Location of Well UNIT LETTE		2450	FEET FROM THE East	LINE		MARININ
AND 1325 FEET FROM	THE South C	INE OF SEC. 3	TWP. 25S RGE. 3	7Е ммрм	IIIIIII	
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	HHHHH	ATTITITITY	19, Proposed Depth	9A. Formatio	n	20. Rotary or C.T.
			3600	Queen	4 - 1 <u>- 1</u>	Rotary
1. Elevations (Show whether DF,	RT, etc.) 21A. Kin	d & Status Plug. Bond	21B. Drilling Contractor			. Date Work will star
Ground - 3134.4	4 01	n File	Unknown		Sept	. 15, 1971
23.	· ·	PROPOSED CASING AN	ND CEMENT PROGRAM		١	1
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOO	T SETTING DEPTH	SACKS OF	CEMENT	EST. TOP
12 1/4"	8 5/8	20#	1200	Circu	late	Surface
7 7/8"	5 1/2	14#	3600	11		1100'
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				•	24	
9						
Mud Program						e e e e e e e e e e e e e e e e e e e
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NEW 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 Well No. Lease 28 Mobil Oil Corporation Humphrey Queen Unit Unit Letter Section Township **25**S 37E Lea Actual Footage Location of Well: 2450 feet from the line and feet from the line Ground Level Elev; Producing Formation Dedicated Acreage: 3134.4 Queen Langlie-Mattix 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 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 Commis-CERTIFICATION I hereby certify that the information contained herein is true and complete to the A. D. Bond Proration Staff Assistant 7255 RBTE Mobil Oil Corporation August 12, 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 28 knowledge and belief. 2450 Date Surveyed August 10, 1971 Registered Professional Engineer and/or Land Surveyor Found Std. I.P. Found Std. I.P. w/Brass Cap W. D. Gill w/Brass|Cap Certificate No. 1415



Location approved by	Plat by		Surveyed by		
Date work is commenced				· ·	Supt.
	Š.				
					
Special Instructions					
Reserve.		Permit depth			

THE STATE OF TEXAS COUNTY OF MIDLAND

I hereby certify that this plat truly represents conditions as they actually exist on this lease; that said plat which is drawn to the scale indicated hereon, is to the best of my knowledge true and correct; that it accurately shows said lease with all wells on same; that number and locations of said wells are as indicated hereon; and that this plat correctly reflects all pertinent and required data.

Mobil Oil Corporation

EXPLORATION & PRODUCING DEPARTMENT MIDLAND DIVISION MIDLAND, TEXAS

LEASE HUMPHREY QUEEN UN	· · · · · · · · · · · · · · · · · · ·		
WELL NO.	. DATE 4		
DIVISION		ASE NO. NM	
TOTAL ACRES IN LEASE 761.2	5 ACRES COVERES	BY PLAT 761.25	٠.
DESCRIPTION All of Sec. 3, E/	2 NE/4 8 NE/4 SE/4 Sec	.4,	
T 25	S, R37E	and the second of the second of the second of	
	- 1	and the second s	

Leo County, New Mexico

DRAWN T. Roy	DATE	FIELD Langlie-Mattix
SCALE 1"= 2000"		

MOBIL OIL CORPORATION TABULATION OF OIL PRODUCTION HUMPHREY QUEEN UNIT LEA COUNTY, NEW MEXICO

YEAR	OIL PRODUCTION BBLS	CUMULATIVE OIL BBLS	NO. OF PROD. WELLS
Previous			
to			
Unitization		1,577,700	
1969	·		
Oct.	471	1,578,171	13
Nov.	445	1,578,616	13
Dec.	542	1,579,158	13
1970	en de la companya de	in the second of the second of	÷
Jan.	641	1,579,799	13
Feb.	621	1,580,420	13
Mar.	859	1,581,279	14
Apr.	1088	1,582,367	14
May	623	1,582,990	14
June	940	1,583,930	14
July	1561	1,585,491	15
Aug.	1943	1,587,434	15
Sept.	1999	1,589,433	15
Oct.	2332	1,591,765	15
Nov.	2194	1,593,959	15
Dec.	2750	1,596,709	15
1971	_,_,	2,070,000	
Jan.	2356	1,599,065	15
Feb.	3178	1,602,233	15
Mar.	4288	1,606,521	15
Apr.	4147	1,610,668	15
May	4282	1,614,950	15
June	4494	1,619,444	15

NEW 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 Lease Well No. Mobil Oil Corporation Humphrey Queen Unit 28 Unit Letter Section Township **25**S Lea Actual Footage Lo ation of Well: 2450 feet from the South feet from the line Ground Level Elev: Producing Formation Dedicated Acreage: 3134.4 40 Queen Langlie-Mattix Actes 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? If answer is "yes," type of consolidation Yes No 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. A. D. Bond Position Proration Staff Assistant 7255 *R* 37*E* Mobil Oil Corporation August 12, 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. 2450 Date Surveyed August 10, 1971 Registered Professional Engineer and/or Land Surveyor Found Std. I.P. Found Std. I.P. w/Brass Cap w/Brass|Cap W. D. Gill 89° 561 Certificate No. 1415 1320 1650 1980 2310 2840 2000

SA, Indicate Type of Lease U.S.G.S. LAND OFFICE OPERATOR APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK Type of Work DRILL X OTHER OTHER OTHER OTHER DEEPEN DEEPEN DEEPEN SINGLE X MULTIPLE ZONE P. Well No. 28 10. Field and Pool, or Wildcat Langlie-Mattix Location of Well UNIT LETTER J LOCATEO DEAD OTHER DEEPEN DEEPEN DEEPEN PLUG BACK 7. Unit Agreement Name Humphrey Queen Unit 8. Farm or Lease Name 9. Well No. 28 Langlie-Mattix	HO. OF COPIES RECEIVED			•			
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Guif Oil Company-U.S.

EXPLORATION AND PRODUCTION DEPARTMENT
MIDLAND DISTRICT

August 25, 1971

P. O. Drawer 1150 Midland, Texas 79701

W. B. Hopkins

- J. A. Hord
 DISTRICT EXPLORATION:
 NANAGER
- J. L. Pike DISTRICT PRODUCTION NANAGER
- H. E. Braunig, Jr.
 DISTRICT PRODUCTION
 MANAGER
- M. B. Moseley DISTRICT SERVICES MANAGER

New Mexico Oil Conservation Commission State Land Office Building P. O. Box 2088 Santa Fe, New Mexico 87501

Gentlemen:

This is to advise that Gulf Oil Corporation has been given due notice that Mobil Oil Corporation has made application for permission to drill their Humphrey Queen Unit Well No. 28, Langlie-Mattix Queen Pool, at an unorthodox location. We hereby waive any objection to the granting of this application for the above well, located:

In Unit J, 1325 feet from the South line and 2450 feet from the East line of Section 3, T-25-S, R-37-E, Lea County, New Mexico.

Executed this 25th day of August, 1971.

Yours very truly,

GULF OIL CORPORATION

By:

W. C. PALMER
District Engineer

Gulf

A DIVISION OF GULF OIL CORPORATION

Bond 28 Hamphen, Dieen Went 2450 FEL 1325 FSL Seg 3 - 25 South 37 East Loughe Mattey Poul