CARE ALMO: Application of CONTINENTAL CHI CONTRACT for three non-standard protation units.

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Star Same E P C NEW MEXICO OIL CONSERVATION COMMISSION One-point Back Pressure Test for las Wells Form C-122-C (Deliverability) 4-1-54 Pool Jalaas Formation Inter Lea \_ County \_ Pool Initial Annual Company Continental Oil Company Unit Sec. Twp. 228 Casing -1/2 Wt. I. I.D. 5.0 Tubing -7/6 Wt. 5.4 Gas Pay: From 3130 To 334 Deciver Three Casing Typ Special Date of test 2/5-12/60 any Lease Never A-29 Nell Nd. Rge. 165 Purchaser 51 Faso Matural Gas Rge. 365 Purchaser 51 Faso Matural Gas Co. Set at 3527 Perf 3140 T.D. 5.012 T.D. 2.441 To 3342 
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 Tubing
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 Type
 Well
 = GL Bar.Press. 13.2 Producing Thru: Casing \_\_\_\_ Single Single- Bradenhead-G.G. or G.C. Dual FLOW DATE Type Line (milice) Taps Size Size Taken Started Duration. Static Differ-Flow Date <u>time</u> Date Hours tire Press. ential Temp. 770 2-8 11:40 AV 2-9 F1g 4" 11:40 ... 1,750 265 24 70.56 Э. 2 V 011072-071085 Static Rate of Flow MOTIDa, 7 13,023 peia 2<u>--</u>నరాహ ఎంఉని---Compress-actile; Ciller-Meter 211.23 lemr. Factor Expension Bressilre, ر ، ا 278.2 70 . 56 140.1 2.575 19.27 -9669 -9840 2.026 <u>Seve</u>lix FLOX DATA 1 Vellhead Fressure (Fo, psia Press. Curacion H. Working Pressure <u>Com-10</u> Taker . . . Cate Tire late Hours DITE Casing icing. 514.2 523.2 530.2 514.2 525.2 530.2 <u>11:60 2010</u> 2-11 24 48 72 2.4 381.2 \$28.2 12140 2 2-12 SIMMAT P. Measured P.= 530,2 \_\_\_\_\_ t = 2575 MOR Da. الياني والمحمد المراجع المراجع المحمد المكامل الي معادية المحمد. المراجع المحمد المحمد المراجع المحمد الم 2 = **128.2** psia p 2 424.2 128.2 530.2 . 6076 Ē., 🛊 Ē. tsia ] = 2647 . KOF (Da. . . 1924 3 1.8076 .3478 Log 0.014940 .36 + X 1.035 , 801 = 0.011967 COMPANY Continental Oil Company ABORESO Box 68. Runice, New Mexico AGENT and TITLE A Markey Dist. Supt. Log & = 3.410777 12 - 3-422744 2647 NYP 5077 • D 2004233 NMOCC-3 WEG HLJ WAN FILE-2



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CONTINENTAL OIL COMPANY LOCATION AND OWNERSHIP PLAT

Scale:  $1^{\pi} = 2000^{\circ}$ 

Approved Gas Unit ----Approved Gas Unit Well ()

Proposed Gas Unit -Wells B-1 No. 1 ()

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RECEPTION CONCESSION One-point Back Pressure Cost for Tax Nolls         FOR C-122C (Designer Addition)           Control Back Pressure Cost for Tax Nolls         Control Cost for Tax Nolls           Control Back Pressure Cost for Tax Nolls         Control Cost for Tax Nolls           Control Cost for Tax Nolls         Control Cost for Tax Nolls           Control Cost for Tax Nolls         Control Cost for Tax Nolls           Control Cost for Tax Nolls         Control Cost for Tax Nolls         Control Cost for Tax Nolls           Control Cost for Tax Nolls         Control Cost for Tax Nolls         Control Cost for Tax Nolls           Control Cost for Tax Nolls         Control Cost for Tax Nolls         Control Cost for Tax Nolls           Food MAN           Control Cost for Tax Nolls         Control Cost for Tax Nolls           Control Cost for Tax Nolls         Control Cost for Tax Nolls           Food MAN           Control Cost for Tax Nolls         Control Cost for Tax Nolls           Control Cost for Tax Nolls         Control Cost for Tax Nolls           Food MAN           Control Cost for Tax Nolls					
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DEF MERICO OFL GENERATOR COMPENSION         Porm C.12.2C           Come-point: Back Pressure Test (of Tay Wells         L-334           Total Compension: Test (of Tay Wells         L-334           Total Compension: Test (of Tay Wells         Land (1)           Statistic Compension: Test (1)         Tay Wells           <					
Description         Sector         County - Line         County - Line <td></td> <td></td> <td>NORRHATION COMMISSIO</td> <td>ON CON</td> <td>For C-122-C</td>			NORRHATION COMMISSIO	ON CON	For C-122-C
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$\frac{P_{w}^{2} = (145.2)^{2} \neq (6915 \times .5116)^{2} .117 = 21.09}{(1.6915 \times .5116)^{2} .117 = 21.09}$ $= .511.6  MUR Jean and the second seco$		TERCENT CALCULATIONS	(11 necessary)		aan 2 peis
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Re: Continental wells B-1#1 A-1-25-36 Dor Elvis The proposed unit of continentals Located in sec. 1, T255-R 362 - The wells B#1, Centainly should be productive of gas over the entire proposed unit, well 1095 certainly verify this. The gas/oil contact in this area is very erratic, and is at about (t)+100' above sea level insted of -150'ss. This errotic 6/0 contact is due to the post production history of this area of the Jolman, and the to the tremendous amount of gas that had been the in the past. Due to the fact that some porosity or Porus formation stringers now carry some oil shove the original Gas/oil contact. this well might possible make a small. Refer to, amount of oil, or water. case 2014, to the exhibits and study made by this office. This area is very, similar to case 2014, except that the water in these Zones is proberly pushing oil shead, and this oil is the oil inconntered, above normal 6/0 contact, arround the continental - wells B-1#1 proposed unit I interpret this to mean that the entire unit is gas production ×201

Memo From Elvis Utz Gas Engine To Joe Ramen To Joe Ramen Deuse checkpunk Please checkpunk interon for this un **From** Elvis Utz Gas Engineer minie His Toil ht I dedicates



### CONTINENTAL OIL COMPANY LOCATION AND OWNERSHIP PLAT



Proposed Gas Unit -Wells B-1 No. 1 🔿 Approved Gas Unit Approved Gas Unit Well

#### NEW MEXICO OIL CONSERVATION COMMISSION One-point Back Pressure Test for Gas Wells Form C-122-C (Deliverability) 4-1-54 Formation \_\_\_\_\_ County. Pool Fire Date of test 3/bel1/60 Special\_ Initial Annual I.D. Land Set at Well No. \_\_\_\_\_ Tel Cas Co. Company Continental Oil Con Sec. Twp. Unit\_\_ Casing To \_\_\_\_\_ 24.2 Tubing 1/2" Wt. 9.10 I.D. 2.992 Set at 149 Gas Pay: From 2790 To 2990 L 2790 Perf.\_ To 5\_\_\_\_ = GL \_1427 G.O. Dual Bar.Press. 13.2 Producing Thru: Casing \_\_\_\_\_ \_Tubing \_\_\_ Single- Bradenhead-G.G. or G.C. Dual FLOW DATA Duration Type Line Orfice Static Differ-Hours Taps Size Size Press. ential Flow Started Taken Temp. Date timé Date time 219 60.84 510 715 4" . 750 26 3-6 9145 AM 3-7 9145 AM **D** FLOW CALCULATIONS Rate of Flow MCF/Da, 3 15,025 psia Compress-ability Differ-1. Gravity Temp. Static Vere beff-Factor ential Extension Factor Pressure Ô 77 <sup>3</sup> $\left\{ {{{\boldsymbol{\gamma }}_{i}} \right\}$ 5 1.0044 395.3 60.84 1.023 116.5 3.435 .9571 22) . 2 FLOW DATA SHUT-EN BATA Taken Du Shut-15 Wellhead Pressure : Working Pressure Pw'and Pt'psia Sursecior. ~ess. <u>Time</u> Hours <u>Care</u> Ĵat e Tubing ubing Casing Casing **520.2** 520.2 9145 AM \$76.2 24 46 72 ]-9 1-10 3-2 9145 W 3-11 -3. FRICTICN CALCULATIONS (11 necessary SUMMARY 22 = (170.2) = \$ (1.045 x .3953) = .118 = 220.77 533.2 osia 195.3 MOF/Da. Ty # 470.2 (Freesure drop insignificant) 176.2 DELIVERABILITY CALCULATIONS psia \$26.6 . \$931 476.2 533.2 zsia 568 -X37, De. . .2024 1.8931 P.O .1009 0.250176 0 , 629 0.157361 22 + × 1.779 Log. 2.596926 Continental Gil Company Log Q # ion be, Austra, New Montes COMPANY 2.756287 ಸಿವಿಧನಕ್ರ Dist. Supt. AGENIC and TITE NTTNESSEL COMPANY \_\_ 367.7 4 **\_** REVIEXS : plack REDOCT AND ALN

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CONTINENTAL OIL COMEA NY CONTOURED ON TOP OF THE YATES Contour Interval - 50' T24S, R36E, Lea Co., New Mexico

Wells B-1 No. 1 ()

Carlo and a state of the second

Proposed Gas Unit

Memo Elvis Gas Eng To for Rumen Please check # 2 **From** Elvis Utz zine for interval and rducing status. seems it the wellis the same interval in th # z it should be an the perus. S.T. on the Susu out of the with if it is completedin Sume interval. This

Re: Continedat Myers 1.29#3 Gas Unit To Don As shown on attached stick log The Meyors Hag # 2 well is completed in relation to the meyors A-29#3 23 Follows: from the Base of the Perf in well #3 to the top of the open hale or cgs in well # 2 there is an geological seperation of some 125'. According to the well file, well No 2 has never been completed within the geological zone that well #3 is presently completed in. The Sw Sw/4 Should be productive of gas. July

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EUNIDE DIST. ASTIGE NEW MEXICO CIL CONSERVATION COMMISSION One-point Back Pressure Test for Gas Wells Form C-122-C (Deliverability) 4-1-54 Pool Calma Formation Lates Pag County Initial Company Continental 911 Co Dalge of test 2/5012/60 LOYOF A-L Purchaser El Pago Natural Gas Co Unit Sec. So Casing Wt. Sec. So Tubing Wt. Sec. So Gas Pay: From 110 Products T Perf. 3130 HI! To\_ Perf.\_\_\_\_\_\_ To\_ ŢС \_\_ x G\_ = CL Tubing 👱 Bar. Press. 13.2 Producing Thru: Casing\_ Type Well Single Single- Bradenhead-G.G. or G.C. Phal FLON DATE Started Taken Curation Flow Orfice li\_e The last Static Differ-Date time time Date Hours Siza Size Taps press. ential Temp. 2....6 11:40 AM 11:40 2-9 24 P14 1. 1.750 265 70.56 770 **D**V PM FLOW CALCULATIONS Differ-ential Static Meter Gravity Factor 2...-80.22 Temp. Compress-Rate of Flow Pressure Coeff-Extension ability Factor Da. 8 13,123 tsia 5 1 x1 [37] È. Pe h icient 204 278.2 70.56 140.1 19.27 .9449 -9840 1,026 2,575 SHUI-IN DATA **71**08 Shut-in Press. Wellhead Pressure Taker. Duration , Working Pressure Wand to psia Date Time Cate lime Hours Tubing Casine Sir.e Casing 2-9 2-10 2-11 11:40 AM 24.44.72 514,2 523,2 530,2 11:40 AM 514.2 525.2 530.2 381.2 428.2 2-12 PM  $\mathbb{P}$ ZRIDTICK CALCULATIONS(11 Recessary 50.002.22 P. Measured P.= 530,2 Dsia = 2575 107 Ja. DELIVERABILETY DALQULATIONS 2= 428.2 psia 126.Ī 530.2 F. \* C. . 8076 9= 424.2 psia Pw £₩. P.¥ ₽.¥ 1+ P. .1924 = ¥ 2 = 2647MOR/Da. P. 1.8076 Ê Po .3478 .36 + M 1,035 Log 0.014040 403 0.011967 DORPARY \_\_ Gentinental Oil Company ADDRESS \_\_ Box 68, Burles, Mrr Mexico Log Q = 3.410777 AGENT and TITLE \_\_\_\_\_ 7 Dist. Supt. Log<sup>2</sup> = \_3,422744 WITNESSE COMPANY 2047 ACTION 1 **D** RENERKS HIDOG-3 MEG WAN ill.J 

Re: Continental-NSP 363 I do not recommend that continental Dear Dan under NSP 363 be given the 320 perc The continent of shales well # 2, dedication asked. classified as an oil well should be reclassified to gas (2) Due to GOR (6) That most of the zone open in this well is in the gas zone. (2) That the continental sholes B#1 is open in part of the same Geological Zone as the sholes B#2 well, and there fore the sholes A#1 and the sholes 'B'#2 are in true duel dedication if given the 320 acres proposed. I would recommend giving the shales B#1 gas well, only 260 acres (minus the north 80 acres asked.) The sholes "B" #3 well, is completed below the gas oil contact, but it is also completed in the same zone as the sholes "B" #2 well. A reclassification of the sholes "B"#2 to gas, would only allowate dedication to the shales B'=2. chech wext page for geological sketch of the above conditions. Jur



Memo Elvis Utz Gas Engineer Jo Joe Ramen Cont testified thatto. # 2 well was an oil well with a 23, 300:1 Ratio. Dheir C-116 for 5-60 shows 76.500;1. The 1859 Purt shows. 177,594 224.803:1 780 2Ko Arr. 60 shows: 12,928 - 25 8,560;1. 50 Seens this is an Hop well. also will youplease

Memo From Elvis Utz Gas Engineer The to completion intervals and . The # 3 is not - the Same internal on the gas you gtho #1. As. Hor. 186 . Prod. Ratio is. 1000 = 7200:1 The mont to increase the cenit form 160 to 320 Te malude the Will hold Recommendation for you we. N160.



CONTINENTAL OIL COMPANY

SHOLES A-19 & B-19 LEASES SURROUNDING LEASEHOLDINGS AND WELLS

Sholes B-19 No. 1 () Proposed Gas Unit

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Approved Gas Unit Well () Approved Gas Unit -----

NSP 363

	REC + Store C
NEW MEXICO OIL CONSERVATION COM One-point Back Pressure Test for	Las Wells Form C-122-C
(Deliverability)	4-1-34
Initial Annual Special Da Company Continental Oil CompanyLease Sheles B-19 Unit Sec9 Twp5 Rge37 Purchaser	
Casing 7	erf.0.H. 2662 To To To To
Producing Thru: CasingTubingType Well	
FLOW DATA	
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ADORTANY Continental Oil Company ADORTANY Box 68, Eunige, New Mexico	
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COMPANY	2001102 = <u>306.2</u> = <u>D</u>
NMCCC-3 WEG HLU WAM FILE-2	

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CONTINENTAL OIL COMPANY STRUCTURE PLAT CONTOURED ON YATES MARKER

Scale: 1" = 2000' Contour Interval - 25'

Sholes B-19 No. 1 ()

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Proposed Gas Unit -

# DIL CONSERVATION COMMISSION HOBBS, NEW MEXICO

January 31, 1961

Continental Oil Company Box 68 Eunice, New Mexico

Gentlemen:

Your Sholes B Well No. 2 located in Unit B of Section 19, T-25-S, R-37-E, Jalmat Pool, has been producing with a gas-oil ratio in excess of 100,000 for at least the last two years. During 1959 the producing gas-oil ratio was 224,802 cubic feet per barrel, and during the first eleven months of 1960 this ratio has increased to 289,854. In view of this, the well is reclassified as a gas well producing from the Jalmat Pool and is to be shut in effective February 1, 1961.

Should you desire to produce this well at some future date, it will be necessary that you obtain an allowable as per Order No. R-1670.

Yours very truly,

OIL CONSERVATION COMMISSION

Joe D. Ramey C Proration Manager

JDR/mc cc-Elvis Utz, Gas Engineer OCC, Santa Fe

Memo From Joe D. Ramey Supervisor & Projetion Manager Jo E/vis ! The Sholes B 19 No. 2 is re-classified as 2 925 well + will be shut-in Feb 1, 1961. With this well shutin the entire 320 acres will be gas productive + I can see no reason for denying the NBP.

#### BEFORE THE OIL CONSERVATION COMMISSION OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE APPLICATION OF CONTINENTAL OIL COMPANY FOR AN EXCEPTION TO RULE 5 (a) OF THE SPECIAL RULES AND REGULATIONS FOR THE PROMATED GAS POOLS OF SOUTHEAST NEW MEXICO CONTAINED IN ORDER NO. R-1670 FOR THE ENLARGEMENT OF THE PRESENTLY APPROVED 160. ACRE UNIT TO A NON-STANDARD GAS PRORATION UNIT OF 360-ACRES CONSISTING OF E/2 AND NE/4 NV/4 SECTION 1, T-25S, R-36E, NMPM, LEA COUNTY, NEW MEXICO, TO BE ALLOCATED TO ITS WELLS B-1 WELL NO. 1, JALMAT GAS POOL

# <u>A P P L I C A T I O N</u>

Comes now applicant, Continental Oil Company, and petitions the Commission for an order enlarging the present 160-acre gas proration unit to one of 360 acres consisting of E/2 and NE/4 NW/4 of Section 1, T-255, R-36E, NMPM, Jalmat Gas Pool, Lea County, New Mexico, to be allocated to its Wells B-1 No. 1 well located 660 feet from the north line and 660 feet from the east line of said Section 1 and in support thereof would show:

1. That applicant is owner and operator of a lease designated as the Wells E-1 Lease consisting of E/2 and the NE/4 NW/4 Section 1, T-25S, R-36E, NMPM, Lea County, New Mexico.

2. That applicant drilled and completed in March, 1950, its Wells B-1 Well No. 1 at a location 660 feet from the north line and 660 feet from the east line of said Section 1.

3. That the NW/4 of the said Section 1 is presently assigned the said Well No. 1, but that the SE/4 and the NE/4 NV/4 is not assigned to any gas well and that all of said acreage may reasonably be presumed to be productive of gas from the Jalmat Pool and should be allocated to a gas well in the interests of the prevention of waste and the protection of correlative rights.

4. That the most practical and economical method of allocating said acreage for Jalmat Pool gas production is to enlarge the existing 160-acre unit to a 360-acre non-standard gas proration unit for assignment to the Wells B-1 Well No. 1. New Mexico Oil Conservation Commission Page 2

Wherefore, applicant prays that this application be set for hearing before the Commission's duly appointed examiner, in Hobbs, New Mexico, that appropriate notice thereof be given, and that upon hearing, an order be entered granting applicant an exception to Rule 5 (a) of the special rules and regulations for the prorated gas pools of southeast New Mexico, contained in Order No. R-1670 for the non-standard gas proration unit described above.

> Respectfully submitted, CONTINENTAL CIL COMPANY

W. G. Meal

W. A. Mead Division Superintendent of Production New Mexico Division



# CONTINENTAL OIL COMPANY LOCATION AND OWNERSHIP PLAT

Scale: 1" = 2000\*

Wells B-1 No. 1 ()

Proposed Gas Unit -

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#### BEFORE THE OIL CONSERVATION COMMISSION OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE APPLICATION OF CONTINENTAL OIL COMPANY FOR AN EXCEPTION TO RULE 5 (a) OF THE SPECIAL RULES AND REGULATIONS FOR THE PRORATED GAS POOLS OF SOUTHEAST NEW MEXICO CONTAINED IN ORDER NO. R-1670 FOR THE ENLARGEMENT OF THE PRESENTLY APPROVED IGO-ACRE UNIT TO A NON-STANDARD GAS PRORATION UNIT OF 360-ACRES CONSISTING OF E/2 AND NE/4 NV/4 SECTION 1, T-25S, R-36E, NMPM, LEA COUNTY, NEW MEXICO, TO BE ALLOCATED TO ITS WELLS B-1 WELL NO. 1, JALMAT GAS POOL

## <u>A P P L I C A T I O N</u>

Comes now applicant, Continental Oil Company, and petitions the Commission for an order enlarging the present 160-acre gas proration unit to one of 360 acres consisting of E/2 and NE/4 NW/4 of Section 1, T-255, R-36E, NMPM, Jalmat Gas Pool, Lea County, New Mexico, to be allocated to its Wells B-1 No. 1 well located 660 feet from the north line and 660 feet from the east line of said Section 1 and in support thereof would show:

 That applicant is owner and operator of a lease designated as the Wells B-1 Lease consisting of E/2 and the NE/4 NW/4 Section 1, T-25S, R-36E, NMPM, Lea County, New Mexico.

2. That applicant drilled and completed in March, 1950, its Wells B-1 Well No. 1 at a location 660 feet from the north line and 660 feet from the east line of said Section 1.

3. That the NW/4 of the said Section 1 is presently assigned the said Well No. 1, but that the SE/4 and the NE/4 NV/4 is not assigned to any gas well and that all of said acreage may reasonably be presumed to be productive of gas from the Jalmat Pool and should be allocated to a gas well in the interests of the prevention of waste and the protection of correlative rights.

4. That the most practical and economical method of allocating said acreage for Jalmat Pool gas production is to enlarge the existing 160-acre unit to a 360-acre non-standard gas proration unit for assignment to the Wells B-1 Well No. 1. New Maxico Oil Conservation Commission Page 2

Wherefore, applicant prays that this application be set for hearing before the Commission's duly appointed examiner, in Hobbs, New Mexico, that appropriate notice thereof be given, and that upon hearing, an order be entered granting applicant an exception to Rule 5 (a) of the special rules and regulations for the prorated gas pools of southeast New Mexico, contained in Order No. K-1670 for the non-standard gas provation unit described above.

> Respectfully submitted, CONTINENTAL CIL COMPANY

G.M A. Mead

Division Superintendent of Production New Mexico Division



### CONTINENTAL OIL COMPANY LOCATION AND OWNERSHIP PLAT

Scale: 1" = 2000'

Wells B-1 No. 1 ()

Proposed Gas Unit-

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### BEFORE THE OIL CONSERVATION COMMISSION OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE APPLICATION OF CONTINENTAL OIL COMPANY FOR AN EXCEPTION TO HULE 5 (A) OF THE SPECIAL RULES AND REGULATIONS FOR THE PRORATED GAS POOLS OF SOUTHEAST NEW MEXICO CONTAINED IN ORDER NO. R-1670 FOR THE ENLARCEMENT OF THE PRESENTLY APPROVED 160 ACRE UNIT TO A MON-STANDARD GAS PRORATION UNIT OF 320 ACRES CONSISTING OF THE W/2 E/2 AND THE E/2 W/2 OF SECTION 19, T-255, R-37E, NMPM, LEA COUNTY, NEW MEXICO, TO BE ALLOCATED TO ITS SHOLES B-19 WELL NO. 1, JALMAT GAS POOL

### <u>A P P L I C A T I O N</u>

Comes now applicant, Continental Oil Company, and petitions the Commission for an order enlarging the present 160 acre gas proration unit to one of 320 acres, consisting of the W/2 E/2 and the E/2 W/2 of Section 19, T-25S, R-37E, NMPM, Lea County, New Mexico to be allocated to its Sholes B-19 No. 1 well located 660 feet from the south line and 1980 feet from the west line of said Section 19, and in support thereof would show:

1. The applicant is co-owner and operator of a lease designated as the Sholes B-19 Lease, consisting of the SW/4 SW/4, E/2 W/2 and W/2 E/2 of Section 19, T-258, R-37E, NMPM, Lea County, New Mexico.

2. The applicant drilled the Sholes B-19 No. 1 at a location 660 feet from the south line and 1980 feet from the west line of the said Section 19 and completed it March 22, 1941, as a gas well in the Jalmat Pool.

3. That no part of the acreage comprising the E/2 NW/4 and the W/2 NE/4 of said Section 19 is allocated to a gas well and that all said acreage may reasonably be presumed to be productive of gas from the Jalmat Pool and should be allocated to a gas well in the interests of the prevention of waste and the protection of correlative rights.

4. That the most practical and economical method of allocating said acreage for the Jalmat Pool gas production is to enlarge the existing 160 acre unit to a 320-scre non-standard gas proration unit for assignment to the Sholes P-19 Well No. 1. New Mexico Oll Conservation Commission Page 2

wherefore, applicant prays that this explication to octfor hearing before the Commission's duly appointed examiner that appropriate notice therefore be given, and that upon hearing, an order be entered granting applicant an exception to Rule 5 (a) of special Rules and Regulations for the prorated gas pools of Southeast New Mexico contained in Order No. R-1670 for the non-standard gas proration unit described above.

> Respectfully submitted, CONTINENTAL OIL COMPANY

A. Mead

Division Superintendent of Production New Mexico Division

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## CONTINENTAL OIL COMPANY

SHOLES A-19 & B-19 LEASES SURROUNDING LEASEHOLDINGS AND WELLS

> Sholes B-19 No. 1 () Proposed Gas Unit —

## BEFORE THE OIL CONSERVATION CONVISSION OF THE STATE OF NEX MEXICO

IN THE MATTER OF THE AIPLICATION OF CONTINENTAL OIL COMPANY FOR AN EXCEPTION TO RULE 5 (a) OF THE SPECTAL RULES AND RECULATIONS FOR THE PROFATED CAS POOLS OF SOUTHEAST NEW MEXICO CONTAINED IN ORDER NO. R-1670 FOR THE ENLARGEMENT OF THE PRESENTLY APPROVED 200-ACRE UNIT TO THE PRESENTLY APPROVED 200-ACRE UNIT TO A NON-STANDARD GAS PROMATION UNIT OF 360 A CRES, CONSISTING OF SE/4, E/2 W/2 AND ACRES, CONSISTING OF SE/4, E/2 W/2 AND SW/4 SW/4 OF SECTION 20, T-22S, R-36S, TO BE ALLOCATED TO ITS MEMORY A-29 WILL NO. 3, JALMAT GAS POOL

# LPLICATION

Comes now applicant, Continental Oil Company, and petitions the Commission for an order enlarging the present 200-acre gas proration unit to one of 360 acres, consisting of SE/4, E/2 W/2 and SW/4 SW/4 of Section 29, T-22S, R-36E, NMPM, Lea County, New Mexico, to be allocated to its Meyer A+29 No. 3 located 660 feet from the south line and 1980 feet from the west line of said Section 29 and in support thereof would show:

Lease, consisting of Section 29, T-22S, H-36E, NMPM, Lea County,

New Mexico. 2. That applicant has completed four gas wells in the

Jalmat Pool on the said lease described as follows:

No. 1 - located 660 feet from the south line and 1980 feet from the east line.

No. 3 - located 660 feet from the south line and 1980 feet from the west line.

No. 4 - located 1980 feet from the south line and 660 feet from the west line; and

No. 5 - located 990 feet from the north and east lines of said Section 29.

3. That the lease acreage is currently allocated for Jalmat

gas proration in the following manner:

- -----

No. 1 - 160 acres, consisting of the SE/4

No. 3 - 200 acres, consisting of the E/2 of W/2 and the SW/4 of SE/4

No. 4 - 120 acres, consisting of the W/2 of  $NW/4_{\rm NW}$  and the NW/4 of SW/4

No. 5 - 160 acres, consisting of the NE/4 of said Section 29.

NUMBER OF STATES

New Mexico Oil Conservation Commission Page 2

4. That Well No. 1 has become unable to produce gas commercially into the sales line.

5. That applicant proposes to allocate the acreage now assigned to Vell No. 1 to Well No. 3 so that the enlarged unit for No. 3 will be 360 acres, consisting of SE/4, E/2 V/2 and SW/4 SW/4 of said Section 29.

6. That the proposed re-allocation is in the interests of the prevention of waste and the protection of correlative rights.

Wherefore, applicant prays that this matter be set for hearing before the Commission's duly appointed examiner, that appropriate notice thereof be given, and that upon hearing, an order be entered re-allocating the acreage of our Meyer A-29 Lease as described above.

> Respectfully submitted, CONTINENTAL OIL COMPANY

W. A. Mead Division Superintendent of Production New Mexico Division

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CONTINENTAL OIL COMPANY

Scale: 1" = 2000'

Meyer A-29 No. 3 O

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Proposed Gas Unit -



2159

	CONTINENTAL OIL COMPANY 825 PETROLEUM BUILDING ROSWELL, NEW MEXICO		
WM. A. MEA DIVISION SUPERINTE OF PRODUCTIO NEW MEXICO DIVI	NDENT		23 75 75 75
-	New Mexico Oil Conservation Commission Box 871 Santa Fe, New Mexico	02 6 5 <b>04</b> 45	0000

Attention: Mr. A. L. Porter, Jr., Secretary-Director

Re: Application of Continental Oil Company for an Exception to Rule 5 (a) of the Special Rules and Regulations for the Prorated Gas Pools of Southeast New Mexico Contained in Order No. R-1670 for the Enlargement of Three Presently Approved Non-Standard Gas Proration Units in the Jalmat Gas Pool, Lea County, New Mexico

Gentlemen:

Please find attached three copies each of Continental Oil Company's applications for exception to Rule 5 (a) of the Special Rules and Regulations for the prorated gas pools of Southeast New Mexico contained in Order No. R-1670 for the enlargement of three presently approved non-standard gas proration units in the Jalmat Gas Pool, Lea County, New Mexico.

These applications are listed below:

1. Sholes B-19 No.1, presently approved 160-acre gas proration unit to be enlarged to 320-acres, consisting



New Mexico Oil Conservation Commission Page 2

of the W/2 E/2 and the E/2 W/2 of Section 19, T.25-S, R.37-E, MMPM, Lea County, New Mexico

2. Wells B-1 No. 1, presently approved 160-acre nonstandard gas proration unit to be enlarged to <u>360-acres</u> consisting of E/2 and NE/4 NW/4 of Section 1, T.25-S, R.36-E, NMPM, Lea County, New Mexico.

3. Meyer A-29 No. 3, presently approved 200-acre nonstandard gas proration unit to be enlarged to 360-acres consisting of SE/4, E/2 W/2 and SW/4 SW/4 of Section 29, T.22-S, R.36-E, NMPM, Lea County, New Mexico.

We respectfully request that these applications be set for hearing on the same date in consecutive order at the earliest convenient date.

Yours very truly, w G. Me. X

WAM-sk Enc. cc: RGP HGD JRP JWK

	No. 3-61
<u>D00</u>	
OIL CONSER	VATION COMMISSION - 9 a.m., CONFERENCE ROOM STATE LAND OFFICE BUILDING, SANTA FE, NEW MEXICO
The follow	BUILDING, SANTA FE, NEW MEXICO attorney, as alternate examiner:
E. Payne.	attorney, as alternate examiner:
	actionney, as alternate examiner:
CASE 2159:	Application of Continental Oil Company for three non-standard gas proration units. Applicant, in the above at instandard
	gas proration units
-	TYVES LILE ACTANT:
	seeks the establishment of the following-described non- standard gas proration units in the Jalmat Gas Pool, Lea
	County, New Mexico:
	Lea
	A 320-acre non start
	A 320-acre non-standard gas proration unit consisting of the W/2 E/2 and E/2 W/2 of Section 19. Township 25 S
	W/2 E/2 and E/2 $W/2$ of Section 19, Township 25 South, Range
	37 East, to be dedicated to the Sholes B-19 Well No. 1, located in the center of the SE/A SW/A after the SE/A SW/A
	located in the center of the SE/4 SW/4 of said Section 19.
	A 300 section 19.
	F/2 and NE (a standard gas proration unit
	A 320-acre non-standard gas proration unit consisting of the E/2 and NE/4 NW/4 of Section 1, Township 25 South Report of
·	E/2 and NE/4 NW/4 of Section 1, Township 25 South, Range 36 in the center of the NE/4 NE/4 of Said Section 1, located
	in the center of the NE/4 NE/4 of said Section 1.
<b>-</b> ·	A 360-acre non-standard gas proration unit consisting of the SE/4, $E/2$ W/2 and SW/4 SW/4 of Section 29 Townships of the Range 36 Fact
	SE/4, $E/2$ W/2 and SW/4 SW/4 of Section unit consisting of the Range 36 East, to be dedicated to the Meyer A-20 Well W
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and and the second s	Range 36 East, to be dedicated to the Meyer A-29 Well No. 3, located in the center of the SE/4 SW/4 of said Section 29.
ISE 2160:	$7 \rightarrow VI$ 3010 3000 and 00
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	completion . Applicant, in the above-styled cause, seeks
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• •	Frywyylion at buda, a startwythy string and di
	- V/V-IUCA Tubing to the second of VIIUD (Armation 46)
1	2 3/8-inch tubing installed within a second string of 4 1/2- a common well.
	inch casing, the three strings of casing being cemented in a common well bore.
	norr nore.

CAS

Docket No. 3-61

CASE 2161:

Application of Texaco, Inc. for a triple completion. Applicant, in the above-styled cause, seeks an order authorizing the triple completion of the C. H. Weir "B" Well No. 4. located in Unit I, Section 11, Township 20 South, Range 37 East, Lea County, New Mexico, in such a manner as to permit the production of gas from the Eumont Gas Pool, the production of oil from the Skaggs-Glorieta Pool and the production of oil from the Skaggs-Drinkard Pool through the casing-tubing annulus, through 2 3/8inch tubing, and through 2 3/8-inch tubing respectively.

CASE 2162:

Application of The Atlantic Refining Company for an automatic custody transfer system. Applicant, in the abovestyled cause, seeks permission to install an automatic custody transfer system to handle the commingled Justis Tubb-Drinkard and Justis-Blinebry production from the following-described leases:

Langlie Federal Lease, N/2 SE/4 of Section 14 Langlie Federal "A" Lease, S/2 NE/4 of Section 14 Langlie Federal "B" Lease, N/2 NE/4 of Section 14

all in Township 25 South, Range 37 East, Lea County, New Mexico.

CASE 2163:

Application of Yates Drilling Company for an automatic custody transfer system. Applicant, in the above-styled cause, seeks permission to install an automatic custody transfer system to handle the Pennsylvanian formation production from all wells presently completed or hereafter drilled on Federal Lease NM 03283, comprising the W/2 of Section 31, Township 8 South, Range 37 East, Roosevelt County, New Mexico.

CASE 2164:

Application of Hudson and Hudson for an exception to Rule 506 (A) of the Commission Rules and Regulations and for permission to transfer allowables. Applicant, in the above-styled cause, seeks an exception to Rule 506 (A) by increasing the limiting gas-oil ratio for the West Tonto Yates Seven Rivers Pool, Lea County, New Mexico, from 2,000 to 6,000 cubic feet of gas per barrel of oil. Applicant further seeks permission to shut-in one well in said pool and transfer its allowable to another well.

Docket No. 3-61

CASE 2165:

-3-

Application of Pan American Petroleum Corporation for two unorthodox oil well locations and a non-standard oil proration unit. Applicant, in the above-styled cause, seeks approval of two unorthodox oil well locations in the Cha Cha-Gallup Oil Pool, San Juan County, New Mexico, said locations to be as follows:

Navajo Tribal "E" Well No. 7, to be located 250 feet from the South line and 800 feet from the West line of Section 16.

Navajo Tribal "G" Well No. 5, to be located 1830 feet from the South line and 885 feet from the East line of Section 18, both in Township 29 North, Range 14 West.

Applicant also seeks an 88.7-acre non-standard oil proration unit in said pool comprising that portion of the SW/4 of Section 16, within the Navajo Reservation lying South of the mid-channel of the San Juan River, Township 29 North, Range 14 West, to be dedicated to said Navajo Tribal "E" Well No. 7.

CASE 2166:

Application of Pan American Petroleum Corporation for permission to take interference tests and transfer allowables. Applicant, in the above-styled cause, seeks permission to take interference tests in the Cha Cha-Gallup Oil Pool, San Juan County, New Mexico, by shutting in its Navajo Tribal "E" Well No. 3, located in the NE/4 SW/4 of Section 21, Township 29 North, Range 14 West and transferring the allowable of said well in equal parts to the other five wells on the said Navajo "E" Lease.

CASE 2167:

Application of Chambers & Kennedy for a 200-acre nonstandard gas proration unit and for an unorthodox gas well location. Applicant, in the above-styled cause, seeks the establishment of a 200-acre non-standard gas proration unit in the Eumont Gas Pool, Lea County, New Mexico, comprising the NE/4 NE/4, S/2 NE/4, and the N/2 SE/4 of Section 34, Township 19 South, Range 37 East. Said unit is to be dedicated to the Monument State Well No. 1, located on an unorthodox location at a point 1649 feet from the South line and 2197 feet from the East line of said Section 34. Docket No. 3-61

CASE 2168:

-4-

Application of Continental Oil Company for permission to shut-in one well and transfer its allowable to other wells. Applicant, in the above-styled cause, seeks permission to shut-in its Wilder Well No. 20, located 1980 feet from the South and East lines of Section 26, Township 26 South, Range 32 East, El Mar-Delaware Pool, Lea County, New Mexico, and transfer its allowable to the following offset wells in said Section 26: Wilder Lease Well Nos. 17, 18, 22 and 25.

**CASE 2169:** Application of Gulf Oil Corporation for a salt water disposal well. Applicant, in the above-styled cause, seeks an order authorizing the disposal of produced salt water into the Grayburg and San Andres formations through its J. F. Janda "F" Well No. 17, located in Unit A, Section 4, Township 22 South, Range 36 East, Lea County, New Mexico, with the proposed injection interval from 3999 feet to 5650 feet.

CASE 2170:

Application of Amerada Petroleum Corporation for an amendment of Order R-1750. Applicant, in the above-styled cause, seeks an amendment of Order No. R-1750, which authorized the triple completion of its Wimberly Well No. 13, located in Unit M. Section 24, Township 25 South, Range 37 East, NMPM, Lea County, New Mexico, to substitute an undesignated oil pool, probably Paddock, for the Langlie-Mattix which was previously authorized. Applicant also proposes to use three parallel strings of tubing rather than two as provided in Order R-1750.

**R36E** R 37 E • 2 2 **→** Cont'l et al 13 "A" Olsen 18 Lowe So. Calif Pet So. Calif. Ret 17 \* \*\* 2. Vosburg Sholes 2-⊅ ● ☆ M. Rose Gutman Woolworth Contil et al A NSP3 2 5 \* Cont'il et al ¢ Leonard Leopard `**C**' Α" Galt - Xmus ÷ r I A R hscorate 24---Т Justis Justis 19 20 25 ⋪ 3 \* S Cont'l et al D Olsen Leonard R- 42 8 Sheles Ascarate Sholes Bates Olsen z 2 ₩ 1 ‡ \* 25 Contil et al Cont'l Kerr 3 0 Leonard 29 ei al B" ``ģ Sholes . Sholes Winningham Chas. T. Bates

19-25-37

CONTINENTAL OIL COMPANY

SHOLES A-19 & B-19 LEASES SURROUNDING LEASEHOLDINGS AND WELLS

> Sholes B-19 No. 1 O Proposed Gas Unit ----

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GOVERNOR JOHN BURROUGHS

# State of New Wexico **G**il Conservation Commission

OX 871

SANTA FE

February 8, 1961

LAND COMMISSIONER MURRAY E. MORGAN MEMBER

Re:

2159 Case No. Order No. R-1866

Applicant:

en Kellshin Tollahis & Tox Box 1718 Santa Pe, New Mex100

Continental Gil Company

STATE GEOLOGIST A. L. PORTER, JR.

SECRETARY DIRECTOR

Dear Sir:

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

Very truly yours,

A. L. PORTER, Jr., Secretary-Director

ir/

Carbon copy of order also sent to:

Hobbs		
Artesi		
Aztec	0CC.	

Other



NEW MEXICO OIL CONSERVATION COMMISSION One-point Back Pressure Test for Gas Wells Form C-122-C 4-1-54 (Deliverability) County Date of test J/ball/60 Well No. Formation \_ Pool Jalmas Special. Annual Lease . 001\_011\_0 Purchaser 21 Page Company Contin Casing \_\_\_\_\_\_\_Wt. \_\_\_\_\_\_I.D. \_\_\_\_\_Rge.\_\_\_\_P Tubing \_\_\_\_/2# Wt. \_\_\_\_\_Q20 I.D. \_\_\_\_\_Q22 Set at \_\_\_\_\_ Gas Pay: From \_\_\_\_\_\_To\_\_\_\_To\_\_\_\_To\_\_\_\_L \_\_\_\_Z790 \_\_\_\_ Producing Thru: Casing \_\_\_\_\_\_ 24 110.9 To\_ Perf. To. Perf. TEN Bar.Press. 13.2 = GL 122 \_\_L\_\_**2790**\_\_\_x G\_\_ Type Well G.O. Du Single- Bradenhead-G.G. or G.C. Dual Producing Thru: Casing\_ FLOW DATA Differ- Flow Type Line Taps Size Orfice Static Duration ential Taken Temp. Started Press. Size Hours time Date time Date 60.64 **51**0 210 .750 713 27 9145 AM 3-6 19145 AM 3-7 2 P. FLOW CALCULATIONS Rate of Flow Day 3 15,025 psia Compress-ability Temp. Gravity 24-Hour Differ-Meter MCF De. Static Factor Coeff-Factor Extension E E ential E E Pressure icient P. ... 52. 395.3 1.023 1.0044 .9571 3.435 116.5 60.84 223.2 FLOW DATA SHUT-IN DATA W.H. WORKING (Pw)and(Pt)psia Cas Working Pressure Wellhead Pressure Fo) psia Duration Shut-in Time Press. Taken Hours Time Date Casing Tubing Date Casing Tubing 676.2 696.2 520.2 573.2 として 9145 AM 3-9 3-10 9145 AM 3-8 3-11 PM. SUMMARY FRICTION CALCULATIONS (if necessary) P& = (470.2)2 / (1.045 x .3953)2 .118 x 226.77 533.2 DSIE 1.1 1.1 1.5 395.3 MCF/Da. Py # 670.2 (freesure drop insignificant) 176.2 rsia DELIVERABILITY CALCULATIONS \$26.0 pela . 4931 533.2 Pw + Po 676.2 р. О 366 CF/Da. Pw. Pw Ē, . 2024 **=** M 0.250176° 1.0931 n, o Ê. .1069 0.157361 .069 --+ H 1.779 Log 36 2.596926 Continental Oil Company Sex 68, Sumice, New Mexico LOE 2.756287 Stot. Suptr ADORESS -\_ದ7 AGENT and TITLE 567.9 ATTRESED CMFANY . REMARKS Hed WAR Filling EXCC-3 1 24

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To market in the



Scale: 1" = 2000'

Proposed Gas Unit Meyer A-29 No.3 ()

Approved Gas Unit -----Approved Gas Unit Well O



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### BEFORE THE OIL CONSERVATION COMMISSION OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION CONNISSION OF NEW MENICO FOR THE PURPOSE OF CONSIDERING:

> CASE No. 2159 Order No. R-1866

APPLICATION OF CONTINUENTAL OIL COMPANY FOR THREE NON-STANDARD GAS PRORATION UNITS IN THE JALMAT GAS FOOL, LEA COUNTY, NEW MEXICO.

### ORDER OF THE CONDISSION

### BY THE CORISSION:

This exuse came on for bearing at 9 o'clock a.m. on January 25, 1961, at Santa Fe, New Mexico, before Elvis A. Utz, Examiner duly appointed by the Oil Conservation Counission of New Mexico, bereinafter referred to as the "Counission," in accordance with Rule 1214 of the Counission Rules and Regulations.

NOW, on this 8th day of February, 1961, the Commission, a quorum being present, having considered the application, the widence adduced, and the recommendations of the Examiner, Mivis A. Utz, and being fully advised in the premises,

#### TINDS:

(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, Continental Oil Company, seeks the establishment of the following-described non-standard gas proration units in the Jalmat Gas Pool, Lea County, New Mexido:

A 320-acre non-standard gas protation whit consisting of the W/2 R/2 and R/2 W/2 of Section 19, Township 25 South, Range 37 East, to be dedicated to the Sholes B-19 Well No. 1, located in the center of the SR/4 SW/4 of said Section 19.

A 300-mere inco-standard gas proration whit consisting of the 2/2 and MR/4 MW/4 of Section 1, Township 25 South, Range 36 East, to be dedicated to the Wells B-1 Well Mo. 1, logated in the center of the MR/4 MR/4 of said Section 1.

A 360-acre non-standard gas proration whit consisting of the SE/4, E/2 W/2 and SW/4 SW/4 of Section 29, Trumship 22 South, Range 36 Hast, to be dedicated to the Meyer A-29 Well No. 3, located in the center of the SE/4 SW/4 of said Section 29.

-2-CASE No. 2159 Order No. R-1866

(3) That the above-described gas proration units can (3) THET THE ADDRESS SALE AND PRODUCED WARD THE Jalmet (4) That approval of the subject application will meither Gas Pool.

cause waste nor impair correlative rights.

# IT IS THEREFORE ORDERED:

(1) That the following-described non-standard was provation whits in the Jalmat Gas Pool, Lea County, New Mexico, are hereby

established:

A 320-acre non-standard gas prozation whit consisting of the W/2 H/2 and H/2 W/2 of Section 19, Township 25 South, Range 37 East, to be dedicated to the Sholes B-19 Well No. 1, located in the center of the SE/4 SW/4 of said Section 19.

A 360-more non-standard gas proration unit consisting of the 1/2 and 100/4 MM/4 of Section 1, Township 25 South, Range 36 East, to be dedicated to the Wells B-1 Well No. 1, located in the center of the ME/4 ME/4 of said Section 1.

A 360-mere mon-standard gas prosation whit consisting of the SE/4, E/2 W/2 and SW/4 SW/4 of Section 29, Townor the sh/4, h/2 W/2 and SW/4 on/4 or section 29, row ship 22 South, Range 36 East, to be dedicated to the Mayer A-29 Well No. 3, located in the center of the SE/4 SW/4 of said Section 29.

(2) That the above-described gas wells are hereby assigned (2) THAT THE ROOVE-GENERIDES FAR WELLS are nevery assigned an acreage factor for allowable purposes in the proportion that the acreage in the non-standard was provation whit bears to the acreage in a standard gas provation whit in the Jalmat Gas Pool, acreage in the mountainer of the Social Pulse and December(com subject to the provisions of the Special Rules and Regulations for said pool.

DOME at Sunta Fe, New Maxico, on the day and year berein-



STATE OF NEW MEXICO OIL CONSERVATION COMMISSION

BUNIN L. MRCHEN, Chairman

Eswalter TALKER. Lester, p. L. PORTER, Jr., Member & Secretary

Case 2159 Heard 1-25-61 1 Grant Cont requestfor athree NSP's asfallows: 1-27-61 (a) a 360 and comit consistion of the EV/2 and NE/4NW/4, 360 a. to be dedicated taken Welle 'B-1' # 1, C'NENE 1- 255-36E1 (1) a 300 le unit consisting of. the 5 4/4, 6/2 w/2, 5 5 5 , sec. 29-225-36 F to be decled to their theter Mayer A-29#3 center SESW Sen. 29. (c) a 320 Ac. unit consisting of. the w/2 E/2, E/2 w/2, 19 - 25 - 3 7 the dedicated to their Sholes B-19 #1 center sec. 19. all thereage in these units uppears to be production of Har in the interal gen in the dedicated. Thus a. D.





Sholes B-19 No. 1 O Proposed Gas Unit

Contour Interval - 25'



CONTINENTAL OIL COMPANY

SHOLES A-19 & B-19 LEASES SURROUNDING LEASEHOLDINGS AND WELLS

Sholes B-19 No. 1 () Proposed Gas Unit ----

A MARTIN STAR

Approved Gas Unit Well () Approved Gas Unit ----

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	NEW MEXICO OIL	CONSTRUCTION	COMMISSION		
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NEW MEXICO OIL CONSERVATION COMMISSION

Examiner Hearing (Elvis A. Utz)

Santa Fe , NEW MEXICO

Page

HEARING DATE January 25, 1961 TIME: 9 a.m. NAME: **REPRESENTING:** LOCATION: ATLANTIC REFINING CO. MIDLAND, TEX H.T. FROST JR. G. W. EATON, JR. PAN AMERICAN PETR CORR EAR MINSTON, M.M. GUY BUELL FORT WORTH TEX RSChristie Amerada Tueso Okla Kellahin + 70x Jason Kellahi Santa Fe, h.m. Kay Weller Allantic Rocuel M. Mex. HP Chill Harry Serta Fe. Of Partin Cellat while d better W Chilly J.E. ROGINSON, J. TENDLO Inc. midLAND, Taxas Chambers & Kennedy Continental Oil Co. Redaul, Terros Tan Alleur Roswell U.M. Leo S. Cichowicz Continental Oil Co Darango Cola M. P. M. LENNAN Denver, Colo William M. Kulfel Loswell. Galf Oit Corp. But Kastlen Sulfoil Corp Hotta Son Billinen Roswell . Suppil Corp Gerald Savage Wellis in G. H. ck Chumber & Kennedy Millind Lex yotes Wilg Po arter n. M. Hose Ken Reynolds

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NEW MEXICO OIL CONSERVATION COMMISSION Page Examiner Hearing (Elvis A. Utz) Santa Fe NEW MEXICO 11 REGISTER HEARING DATE January 25, 1961 TIME: NAME: 9 8.8. in Baily REPRESENTING: yates Rilg to LOCATION: Midlan Ę 1 ACH THE REAL 行 14 A. 1

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	BEFORE THE	
	OIL CONSERVATION COMMISSION	
	Santa Fe, New Mexico	
	January 25, 1961	
	EXAMINER HEARING	
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NON IN	THE MATTER OF:	<b>-</b> )
Ŧ	Application	)
	Application of Continental Oil Company for three non- standard gas proration units. Appliant	
	styled cause, seeks the action applicant, in the above-	)
·	described non-standard and and the following-	ý
	Gas Pool, Lea County, New Mexico:	<b>t)</b>
	A 320-acre non-standard	{
	A 320-acre non-standard gas proration unit consisting of the W/2 E/2 and E/2 W/2 of Section 19, Township 25 South, Range 37 East, to be dedicated to Township 25	5
-	South, Range 37 East to be Section 19, Township 25	) Ca
	B-19 Well No. 1, located in the center of the Sholes of said Section 19.	) 21
	of said Section 19.	~
	A 320-acre non-standard man	5
	A 320-acre non-standard gas proration unit consisting of the E/2 and NE/4 NW/4 of Section 1, Township 25 South Range 36 East, to be dedicated to the Wolla Di 25 South	j -
	Range 36 East, to be dedicated in 1, Iownship 25 South	
	1, located in the center of the NE/4 NE/4 of said	)
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	A 360-acre non-standard gas proration unit consisting of the SE/4, $E/2$ W/2 and SW/4 SW/4 of Section 200	ý
	the SE/4, $E/2$ W/2 and SW/4 SW/4 of Section 29, Township 22 South, Range 36 East, to be dedicated to it.	)
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	A-29 Well No. 3, located in the center of the SE/4 SW/4	i k
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	Elvin A. Utz, Examiner	
~ <b>.</b>	TRANSCRIPT OF HEARING	· -
	MR. UTZ: Case 2159.	
	MR. PAYNE: Application of Continental Oil Company for	
th ree	non-standard many fo	r
	non-standard gas proration units.	
<b>h</b>	MR. KELLAHIN: Jason Kallahin Kall	1
	MR. KELLAHIN: Jason Kellahin, Kellahin & Fox, Santa	Fe,

PAGE 2

r	opresenting the applicant. We have one witness, Mr. Cichowicz. (Witness sworn.)
-	MR. UTZ: Other appearances in this case? <u>LEO CICHOWICZ</u> called as a witness, having been previously duly sworn, testified as follows: <u>DIRECT EXAMINATION</u> <u>BY MR. KEILAHIN:</u> Q Would you state your name, please? Mr. Leo S. Cichowicz. Q By whom are you employed and in what position? A Senior Production Engineer, Continental Oil Company. Q Are you a petroleum engineer?
DEARNLEY-MEIER REI	<ul> <li>A Yes, sir.</li> <li>Q Have you testified before this Commission as a petroleum engineer?</li> <li>A Yes, sir.</li> <li>MR. KELLAHIN: Are the witness's qualifications acceptable</li> </ul>

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of Continental Oil Company for the enlargement of the presently approved 160-acre unit to a non-standard gas proration unit of 320 acres consisting of the W/2 E/2 and the E/2 W/2 of Section 19, Township 25 South, Range 37 East, NMPM, Lea County, New Mexico, in the Jalmat Gas Pool for its Sholes B-19 Well No. 1.

Q That is the first portion of the application; is that correct?

A Yes, sir.

Q Referring to Exhibit No. 1, will you discuss the information shown on the exhibit?

A Exhibit No. 1 is a location and ownership plat showing the Sholes B-19 Lease and surrounding area. The lease consists of the W/2 E/2, and E/2 W/2 and SW/4 SW/4 of Section 19, Township 25 South, Range 37 East, NMPM, Lea County, New Mexico.

It is proposed to allocate the W/2 E/2 and the E/2 W/2 of Section 19, Township 25 South, Range 37 East for Jalmat gas proration purposes to the Sholes B-19 No. 1 which is shown circled in red, located 660 feet from the south line and 1980 feet from the west line of Section 19, Township 25 South, Range 37 East. Surrounding Jalmat gas wells are shown circled in green, and the acreage allocated to them is shown outlined in green, also.

Q You prepared a structure plat of the area involved? A Exhibit No. 2 is the structure plat, contoured on the Yates Marker, showing the proposed unit and surrounding area. The No. 1 well, to which the unit is proposed to be allocated for gas



DEARNLEY-MEIER REPORTING SERVICE, Inc.

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proration purposes is shown circled in red and the acreage proposed to be allocated to the No. 1 well is outlined in red. As can be seen, the Yates formation extends under the Sholes B-19 Lease at an elevation which is proven by other wells to be gas productive. Q On the basis of this exhibit, in your opinion is all the area you propose to dedicate to the well productive of gas?

A Yes, sir.

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Q Now, have you any deliverability test information on the Sholes B-19 No. 1 well?

A Exhibit No. 3 is a copy of the deliverability tests of the Sholes B-19 No. 1 well. It shows the well is capable of producing the allowable for the enlarged unit.

Q What does the test reflect as to its productivity? A Deliverability is shown to be 306 MCF of gas per day as measured by a test taken March 7th to 11th, 1960.

Q Is the additional acreage you propose to dedicate to this well presently dedicated to Jalmat production?

A The acreage to be rededicated to the No. 1 well has been dedicated to the No. 2 well. However, to present additional testimony in regard to the production performance of the No. 2 well, we offer the following: The additional acreage proposed to be allocated to the Sholes B=19 No. 1 was originally allocated to the No. 2, which is now classified as a Jalmat oil well. The No. 2 well was completed on September 9th, 1948, for an initial daily potential of 4,220 MCF of gas. The interval open to production is from the

base of the 5 1/2-inch casing set at 2700 to 3000, with the pay being the Yates formation from 2800 to T.P. Puring July of 1952 the Sholes B-19 No. 2 began producing oil and tested at the daily rate of 25 barrels of oil, no water, with 1,168 MCF of gas. The well was then reclassified as an oil well. 3-6691 During 1957 gas production recurred, and the Sholes B-19 No. £ was reclassified as a Jalmat gas well on April 1, 1957, and assigned Inc. 160 acres by Commission Order NMSP 363. Only marginal gas pro-DEARNLEY-MEIER REPORTING SERVICE, duction was obtained, and on January 16th, 1958, the bottomhole pressure bomb was run into the well and found fill material at a depth of 2718 feet and liquid at 1925 feet. On May 1st, 1958, the Sholes B-19 No. 2 was temporarily shut down. Turing August, 1958, this well was cleaned out to 3,000 feet and treated with 2,000 gallons of acid, 20,000 gallons of lease crude, 15,000 pounds of sand and 1,000 pounds of Adomite. After this workover the No. 2 well tested 12 barrels of oil per day, no water, with 577 MCF of gas, giving a GOR of 48,083, and was re-classified as a Jalmat oil well on August 27th, 1958. Is that well presently classified, then, as an oil well? ALBUQUERQUI, NEW MEXICO Q What is the status of your No. 3 well, which appears on Yes, sir, it is. A 0 The No. 3 well is producing from the Seven Rivers forthe same unit? mation at a depth of, through perforations of 3298 to 3318. I might add that these perforations are at a considerably low inter-

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·	Divers formation.
va	I in the Seven Rivers formation. Q Is the same interval open in the No. 2 well as in the
NE CH 3-6691	<ul> <li>Neell?</li> <li>A Yes. However, in addition the No. 2 well has penetrated approximately 55 feet of the Yates formation which was not open into the No. 1 well. I might add, also, that the contour map shows the No. 1 well to exist approximately 39 feet higher on the structure.</li> <li>Q In your opinion does that account for the difference in the characteristics of the two wells?</li> <li>A Yes, sir.</li> <li>Q Is the same interval open in the No. 1 well as in the No. 3 well?</li> </ul>
POI	No, it is not.
DEARNLEY-MEIER REPORTING SERVICE, Inc. DEARNLEY-MEIER REPORTING SERVICE, Inc.	Q What is the difference there? A As previously mentioned, the No. 3 well was completed with casing set and perforated in the interval 3298 to 3318 which is considerably below the T.P. of either wells No. 1 or 2, which were completed in open hole. Q At the present time is the E/2 of the NW/4 and the W/2 of the NE/4 allocated for Jalmat Production?
ALBUQUERQ	
	allowable for a 320-acre unit?
1	A Yes, it is. Q Does the proposed unit consist of contiguous quarter-
	Poes the property

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quarter sections? Yes, sir. Å Within a single governmental section? ٥ Yes, it does. 3-6691 Poes the length and width comply with the present rules Q 5 PHONE of the Commission? Inc. A Yes, they do. DEARNLEY-MEIER REPORTING SERVICE, In your opinion, would the approval of this non-standard Q unit impair correlative rights? A No. Would it prevent waste? Yes, it would. Now, what is proposed as to the Wells B-1 No. 1 unit? Q. In regard to the Wells B-1 No. 1, this is Continental Oil Company's application for the enlargement of the presently approved 160-acre unit to a non-standard 360-acres, consisting of the E/2and the NE/4, NW/4 of Section 1, Township 25 South, Range 36 Bast, NMPM, Lea County, New Mexico, in the Jalmat Gas Pool for the Wells MEXI B-1 No. 1. Pare you prepared an ownership plat showing the lease and Q **NLBUQUERQUE** surrounding area?

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A Exhibit No. 4 is the location and ownership plat showing the Wells B-1 lease and the surrounding area. As shown, outlined in red, the lease consists of the E/2 of the NE/4 of Section 1, Township 25 South, Range 36 East, NMPM, Lea County, New Mexico. It

PAGE 7

is proposed to allocate the entire lease for Jalmat gas proration purposes to the Wells B-1 No. 1 which is shown circled in red and is located 660 feet from the north and east lines of Section 1, Township 25 South, Range 36 East. Surrounding Jalmat gas wells are shown circled in green and the acreage allocated to them is outlined in green.

Q Have you prepared a structure plat showing the area?

A Exhibit No. 5 is a structure plat, contoured on the Yates Marker, showing the proposed unit and surrounding area. The No. 1 well to which this unit is proposed to be allocated for gas proration purposes is shown circled in red and the acreage proposed to be dedicated is outlined in red. As can be seen on this exhibit, the Yates formation extends under the entire Wells B-1 Lease at an elevation which is proven by other wells to be gas productive.

Q On the basis of this information would you consider all of the acreage you propose to dedicate to be productive of gas?

A Yes, sir, I do.

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REPORTING SERVICE,

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Q Bo you have deliverability test data on the Wells B-1

A Exhibit No. 6 is a copy of the deliverability test of the Wells B-1 No. 1. As shown, the well is capable of producing the allowable for the enlarged unit.

Q No you have any conclusions on the basis of this testimony?

A Yes. The SE/4 of the NE/4 NW/4 is not assigned to any

gas well and is available for allocation to a gas well. The Wells B-1 No. 1 is capable of producing the allowable for a 360-acre proration unit. The proposed unit is comprised of contiguous quarter quarter sections and is contained within a single governmental section. The length and width of the said unit does not exceed 5,280 feet. The entire unit is reasonably presumed productive of gas from the Jalmat Pool. Approval of this application would be in the interests of preventing waste and protecting correlative In consideration of the facts just mentioned it is recrights. ommended that this application be approved.

Q Now, in connection with your Meyer A-29 No. 3 well, what is proposed on that?

In regards to the Meyer A-29 No. 3, this is Continental A Oil Company's application for the enlargement of the presently approved 200-acre unit to a 360-acre non-standard gas proration unit consisting of the SE/4, E/2 W/2 and the SW/4 SW/4 of Section 29. Township 22 South, Range 36 East, Lea County, New Mexico, in the Jalmat Gas Pool, for its Meyer A-29 No. 3.

Do you have a location and ownership plat on that well? Q Exhibit No. 7 is a location and ownership plat showing A the Meyer A-29 Lease and surrounding area. The lease consists of Section 29, Township 22 South, Range 36 East, NMPM, Lea County, New Mexico. It is proposed to allocate the SE/4 and the E/2, the W/2, and the SW/4 SW/4 of Section 29, Township 22 South, Range 36 East, for Jalmat gas proration purposes to the Meyer A-29 No. 3 which is

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shown circled in red and is located 660 feet from the south line and 1980 feet from the west line of Section 29, Township 22 South, Range 36 East. Surrounding Jalmat gas wells are shown circled in green and the acreage allocated to them is shown outlined in green.

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Q What is the situation as to the SE/4 of the lease? A It may be noted that the SE/4 of the lease is presently allocated to the Meyer A-29 No. 1, which is not capable of commercial production. A recent workover of the Meyer A-29 No. 1 consisted of testing each producing interval and squeezing the lowermost interval 3360 to 3390 to shut off water production. After this workover the well swabbed dry. It is anticipated thatan expensive stimulation treatment of the Meyer A-29 No. 1 would recover the remaining gas reserves. However, the most economical and practical method of allocate the acreage to the Meyer A-29 No. 3.

Q You state that the Meyer A-29 No. 1 is non-commercial. In your opinion, does that mean that there is no gas left under that area?

A No. It simply means that the squeezing operation between 3360 to 3390 had acted to shut off all pay intervals, and it would involve reperforation and retreatment to convert the well to a producer.

Q In your opinion is there gas under the acreage which is dedicated to that wall?

Yes, based on offset production, I do.

Po you have a structure plat of the area? Exhibit 8 is a structure plat, contoured on the Yates Q Marker, showing the proposed unit and surrounding area. The No. 3 well, to which the unit is proposed to be allocated for gas proration purposes is shown circled in red and the acreage proposed to be allocated to the No. 3 well is outlined in red. As can be 2-6691 seen, on this exhibit, the Yates formation extends under the entire 5 DEARNLEY-MEIER REPORTING SERVICE, Inc. Meyer A-29 Lease at an elevation which is proven by other wells to On the basis of this exhibit, in your opinion is all of be gas productive. the acreage you propose to dedicate to the well productive of gas? Do you have deliverability test data on the A-29 No. 3? Yes, sir. A Exhibit 9 is a copy of the deliverability test of the Q Meyer A-29 No. 3. It shows that the Meyer A-29 No. 3 is capable of producing the allowable for the enlarged unit. To you have any conclusions on the basis of this infor-Q I conclude the Meyer A-29 No. 3 is capable of producing mation, Mr. Cichowicz? the allowable for a 360-acre unit. The proposed unit is comprised ALBUQUERQUE, NEW MEXICO of contiguous quarter-quarter sections and is contained within a 11 single governmental section. The length or width of the proposed unit does not exceed 5,280 feet. The entire unit is reasonably presumed to be productive of gas from the Jalmat Pool. Approval of 11 this application would be in the interests of preventing waste and ł

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	protecting correlative rights. In considering the facts just
an a	mentioned, it is recommended that this application be approved.
С. Номе сн 3-6691	Q Mr. Cichowicz, have you examined Exhibits 1 through 9,
	inclusive?
	A I have.
Inc.	Q In your opinion are they correct and reflect the infor-
	mation as depicted on them accurately?
VIC	A vYes, sir.
G SERVICE,	MR. KELLAHIN: At this time we would like to offer in
	evidence Exhibits 1 through 9 inclusive.
TIN	MR. UTZ: Exhibits 1 through 9 will be entered into the
EY-MEIER REPORTING	record.
	MR. KELLAHIN: That is all the questions I have.
	BY MR. UTZ:
	Q In regard to your Sholes B-19 No. 2, I believe you said
	that you intended to continue producing that as an oil well?
	A Yes, sir.
DEARNL albuquerque, new mexico	Q And the only difference between the vertical perforations
	of the No. 2 and the No. 1 is that the No. 2 is perforated a little
	lower?
VIBUQI	A No. Both wells are completed in open hole. However, the
	No. 2 well had penetrated approximately 55 feet of Yates which is
	not open in the No. 1 well. Both wells are completed in open hole.
	I might add, the casing in the No. 1 well is set at 2662, T.D. at
	2945. The casing in Sholes B-19 No. 2, set at 2700 feet, T.P.

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13 PAGE 3,000, and the completion data, which might help, the No. 1 well completed March 22nd, 1941; Sholes B-19 No. 2 completed September No you know where the oil is coming from in the No. 2? 9th, 1943. In studying the performance, the production performance Q of 1 and 2 I would say the oil is coming from the 55-foot interval 3-6691 not open in the No. 1 well. Otherwise the No. 1 well would prob-£ Inc. ably be reacting in a similar manner, that is, producing oil. Q You don't think there is any gas coming from the upper DEARNLEY-MEIER REPORTING SERVICE, **16** zone, the open hole above the 55-foot interval? 10 Yes, I do. I believe there is gas coming from that A What did you say the GOR was, 48 something, wasn't it? interval. Yes, sir, 48,083 to one. We have a more recent test than Q that one I have mentioned. 12/19/60 the well produced two barrels Ħ . of oil, zero water, with a GOR of 23,300 to one. That puts the Ħ well, I believe, in the realm of an oil producer with a GOR con-18 H 1 siderably below the 100,000 to one mark. 韚 How long a test was that? Ì\$ ALBUQUERQUE, NEW MEXICO Q Ħ Twenty-four hours. 14 A Two barrels of oil? That's all, sir. Evidently the well had declined from Ħ 14 Q the test run on the rework during August, 1958, at which time it H produced 12 barrels. It is possible that the well may be subject 11 to shut in within the near future when it reaches an economic limit, 15 13

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which it is bordering now with the current production. Q Have you any production figures over the past couple of

months?

A For the No. 2, no.

Q It is not producing very much gas, and the same zone as the No. 1, so it would appear the gas is almost depleted in that quarter section too, wouldn't it?

A Well, no. I don't know exactly what production technique is being used. However, there is no doubt that we are suppressing production out there to maintain a low GOR. If the well was run with an open choke the gas production would be in considerable excess of that amount reflected by the most recent test.

Q Is the oil producing through tubing?

A That I would have to check. The No. 1 well, I am sure, yes, sir. I have that information, ran 2903 feet of 2-inch tubing, No. 1 well. No. 2 well, I do not have that information.

Q Referring to your Exhibit No. 5, which would be your Wells B-1 No. 1 well, to the west of this unit, what do we have in the way of oil and gas wells?

A The W/2, which is the Wells A Lease, by Commission letter dated October 28, 1960, a request was made to run a deliverability on No. 2, shown as a gas well. Test has been run, deliverability measured as 123 MCF per day. This test was taken November 28 to December 2, 1960. This was in compliance with the request by the Commission. Subsequently it is anticipated within the next month

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PAGE 15 or so an allowable will occur on the gas proration schedule. The No. 1 well located further south is currently in the process of being reworked. It was an oil well. However, as I recall the reworking Is that an oil well? details it is possible there was a recompletion as a gas well. 3-6691 However, the tests now are being made for an attempt to reconvert Ð PHONE 14 Inc. the well to a producing status as oil. Has that well been producing right along? **þ** It has been producing oil, but the amount has been low. DEARNLEY-MEIER REPORTING SERVICE,  $\{\hat{s}\}$ Consequently, re recommended remedial work which is now being done. \* In regard to Three States lease, I am not familiar with the pro-**)4** 13 ļ duction. It looks like the well is shut in. No, I believe that symbol on the contour map is erroneous. It shows it to be abandoned. yi 1 I believe that well on Exhibit 4, I believe it shows it to be a 14 . producer, Three States producer, and I believe the well is still ţ. producing. It seems that I remember seeing a cross section in . evaluating the remedial work for the No. 1, which shows the Three ê **1**4 1 States to be an oil producer. However, I am not familiar with the ţŝ. 1 ALBUQUERQUE, NEW MEXICO In regard to your A-29 Meyer No. 3, what explanation do intervals open in the well. 15 響 you have for the abandonment of the No. 1 well? I brought the completion report, that is, the recompletion 1 report given in outline for the work that was done during the reļi ţ.

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completion operation. I will give that verbatim: Pay in the well is Yates Seven Rivers, 3100 to 3190 feet. This pay entails selective perforations from 3100 to 3192; 3200-to 3226; 3261 to 3300 and 3360 to 3390. The remedial work and testing entailed the following: Ran tubing with a retrievable bridge plug and packer, straddled the interval 3360 to 3390; well swabbed 70 barrels of water in 13 and a half hours. We then straddled the interval from 3360 to 3300. Inc. PHONE C The well flowed seven barrels of water in 16 hours with an estimated 200 MCF of gas per day. Then we straddled the uppermost interval. DEARNLEY-MEIER REPORTING SERVICE, The well tested 12 barrels of water in 12 hours, estimated 200 MCF of gas per day. The casing was then tested from the surface to 3075, tested O.K. Set retainer at 3340 and tested the perforations And how do you intend to produce that well now? from 3360 to 3390. We intend to keep the well shut in. We feel the squeeze Q job has been effective in shutting off water, but pay also, mud pay also. We feel it would be, as mentioned before, more economical to produce the allowable from the No. 3 well, and at the same time to maintain the well with the cement shut in to protect production MEXICO from the No. 3, which is a direct west offset. The No. 3 is an ALBUQUERQUE, NEW excellent producer, as is reflected by the back pressure test offered as Exhibit No. 9, and we want to protect the production of gas from What can you tell me about the gas wells to the east of the 3 well. Q

this unit, in Section 28?

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	A I have not looked into the productivity or the zones of
16	completion in any of the wells other than those that we have dis-
	cussed up to now. I do not have any additional information.
	Q In view of the fact that the No. 1 completely quit pro-
а-6 СН С	ducing, why do you feel the SE/4 of Section 29 is productive of gas?
<i>IC.</i> PHONE CH 3-6691	A The structure map given as Exhibit No. 8, I believe, shows
ERVICE, In	the Meyer No. 1 to be located approximately, as I recall, I checked
	that, 50 feet higher than in the No. 3 well, and the productivity
	to date from the No. 1 well, gas production, fairly conclusively
S	proves that the only reason the productivity of the No. 1 has been
EY-MEIER REPORTING SERVICE, Inc.	marred at all is water production. We had attempted remedial work
	to exclude water production which was, we feel, unsuccessful. We
	don't feel it wise to spend any additional money to attempt to
	revert the No. 1 well to a gas producer, and we request that the
EIEI	No. 3 well be rededicated the acreage assigned to the No. 1.
IM-	Q It looks as though the No. 1 well is flooded out, doesn't
LEY	it?
RNI 8	A No. I believe the water was being produced from the
DEARNLA New mexico	lowest set of perforations, from 3360 to 3390. This interval is
DE	not open in the No. 3 well, and the No. 3 well is not producing
LBUQUEI	water; it is located lower on the structure.
Ŧ	Q But on your tests above that all you got was water?
	A I believe it is communication behind the pipe.
	Q In other words, it is just a bun completion, then?

I would say so.



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	MR. UTZ: Any other questions?
	BY MR. PAYNE:
C. PHONE CH 3-6691	Q What is the status of the No. 2 well on the Meyer lease?
	A The Meyer A-29 Lease?
	Q Yes.
C.	A It is shut in.
, In	Q As an oil well?
ICE	A I believe the No. 2 well was an oil well that has, since
RRV	completion, been shut in, but I do not have additional information
LEY-MEIER REPORTING SERVICE, Inc.	on where it is completed or the productivity of oil to date. How-
	ever, if you care to I would sure look up the information and send
	it to you for your use during the review of these applications.
	Q What I am interested in is whether the subject well here,
R R	A-29 No. 3, is perforated in an interval productive of Jalmat gas
EIEI	only, or whether it is also perforated in an interval that some-
IM-	where on this unit is also productive of oil from the Jalmat Pool?
LEY	A The No. 3 well was recently reworked. The interval below
RN	the top of the Seven Rivers was tested and produced water, and was
DEARN. New mexico	squeezed. That might give evidence that all these zones open in
DEAR albuquerpue, new mexico	the No. 3 well are in the Yates, which is strictly within the Jalmat
LBUQUEI	gas pool. There are no intervals open below the Yates in the No. 3
<	well.
	MR. UTZ: Any other questions? Witness may be excused.
	Other statements in this case? Case will be taken under advisement.

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•	COUNTY OF BERNALILLO )	S 8				
5	I, JUNE PAIGE, Court Reporter, do hereby certify that the foregoing and attached transcript of proceedings before the New Mexico Oil Conservation Commission					
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## RSM/esr BEFORE THE OIL CONSERVATION COMMISSION February 2 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:

2159 CASE No.\_ Order No. R- 1866

APPLICATION OF CONTINENTAL OIL COMPANY FOR THREE NON-STANDARD GAS PRORATION UNITS IN THE JALMAT GAS POOL, LEA COUNTY, NEW MEXICO.

## ORDER OF THE COMMISSION

## BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on January 25, 1961, at Santa Fe, New Mexico, before <u>Elvis A. Utz</u>, Examiner duly appointed by the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission," in accordance with Rule 1214 of the Commission Rules and Regulations.

NOW, on this \_\_\_\_\_\_ day of February, 1961, the Commission, a quorum being present, having considered the application, the evidence adduced, and the recommendations of the Examiner, Elvis A. Utz \_\_\_\_\_, 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, Continental Oil Company, seeks the

establishment of the following-described non-standard gas prora-

tion units in the Jalmat Gas Pool, Lea County, New Mexico:

A 320-acre non-standard gas proration unit consisting of the W/2 E/2 and E/2 W/2 of Section 19, Township 25 South, Range 37 East, to be dedicated to the Sholes B-19 Well No. 1, located in the center of the SE/4 SW/4 of said Section 19.

A 360-acre non-standard gas proration unit consisting of the E/2 and NE/4 NW/4 of Section 1, Township 25 South, Range 36 East, to be dedicated to the Wells B-1 Well No. 1, located in the center of the NE/4 NE/4 of said Section 1.

A 360-acre non-standard gas proration unit consisting of the SE/4, E/2 W/2 and SW/4 SW/4 of Section 29, Township 22 South, Range 36 East, to be dedicated to the Meyer A-29 Well No. 3, located in the center of the SE/4 SW/4 of said Section 29.



-2-CASE No. 2159

(3) That the above-described gas proration units can

reasonably be presumed to be productive of gas from the Jalmat

Gas Pool.

(4) That approval of the subject application will neither

cause waste nor impair correlative rights.

IT IS THEREFORE ORDERED:

(1) That the following-described non-standard gas proration

units in the Jalmat Gas Pool, Lea County, New Mexico, are hereby

established:

A 320-acre non-standard gas proration unit consisting of the W/2 E/2 and E/2 W/2 of Section 19, Township 25 South, Range 37 East, to be dedicated to the Sholes B-19 Well No. 1, located in the center of the SE/4 SW/4 of said Section 19.

A 360-acre non-standard gas proration unit consisting of the E/2 and NE/4 NW/4 of Section 1, Township 25 South, Range 36 East, to be dedicated to the Wells B-1 Well No. 1, located in the center of the NE/4 NE/4 of said Section 1.

A 360-acre non-standard gas proration unit consisting of the SE/4, E/2 W/2 and SW/4 SW/4 of Section 29. Township 22 South, Range 36 Bast, to be dedicated to the Meyer A-29 Well No. 3, located in the center of the SE/4 SW/4 of said Section 29.

That the above-described gas wells are hereby assigned

an acreage factor for allowable purposes in the proportion that the acreage in the non-standard gas proration unit bears to the acreage in a standard gas proration in the Jalmat Gas Pool, subject to the provisions of the Special Rules and Regulations for said pool.

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