

Post Office Box 68 Hobbs, New Mexico 88240

S. J. Okerson
District Superintendent

October 7, 1983

File: SJO-1985-WF

Re: Application to Downhole Commingle

Turner Well No. 3

Blinebry and Tubb Oil and Gas Pool

Lea County, New Mexico



State of New Mexico Energy and Minerals Department Oil Conservation Division P. O. Box 2088 Santa Fe, NM 87501

Attention: Mr. Joe D. Ramey

Gentlemen:

Approval is hereby requested to downhole commingle the Turner Well No. 3 in accordance with NMOCD Rule 303-C.

The subject well is located 560' FSL x 760' FEL, Section 29, T-21-S, R-37-E, Lea County, New Mexico, and is dually completed in the Blinebry (Gas) and Tubb (Gas) Pools. Copy of Administrative Order DC-445 attached. Both zones are currently flowing. The Tubb flows through a tubing string and the Blinebry flows up the casing annulus. See attached well history and current wellbore sketch. Both zones are in the latter stages of depletion and the production is almost equal. Downhole commingling of these zones will enhance the economic production and life of this well. Also, it will eliminate the need to produce the Blinebry up the tubing-casing annulus.

In support of our request, we submit the following facts:

1. The latest 24 hour productivity tests are as follows:

	<u>Date</u>	BOPD	BWPD	MCFD	<u>Perforations</u>
Blinebry	9-3-83	0	0	41	5600'-5640'
Tubb	9-3-83	0	0	49	6115'-6255'

- 2. Neither zone currently produces any liquids.
- 3. The value of the commingled production stream will not be less than the sum of the values of the individual streams. The purchaser of both streams is Northern Natural Gas under the same gas sales contract.
- 4. Both zones to be commingled have common ownership.
- 5. Estimated bottom hole pressures are: Both zones are in the latter stages of depletion. Using shut-in tubing pressures taken during the packer leakage test dated May 9. 1983. Bottomhole pressures were calculated* to be:

Blinebry - 114 psi at 5600' (Using SICP of 100 psi and a gas gravity of 0.744)

Tubb - 669 psi at 5600' (Using SITP of 590 psi and a gas gravity of 0.692)

*Using the equation $P_2 = P_1 \exp\left(\frac{0.01877 \times Gr \times D}{T}\right)$

Where P₁ = Shut-in surface pressure.
P₂ = Shut-in bottomhole pressure.
Gr = Gas gravity.

D = Depth.

T = Temperature in °R.

And neglecting gas compressibility.

Note: Although calculated bottomhole pressures do not appear equivalent, the production rates from both zones are similar. Since the Blinebry is being produced up the tubing-casing annulus, critical velocity to lift any produced fluids is not being achieved. Liquid fallback could be loading up the Blinebry horizon, thus reducing surface shut-in pressure. A measured bottomhole pressure could not be obtained on the Blinebry due to the present wellbore configuration.

6. Expected daily production after commingling:

BOPD	BWPD	MCFD
0	0	90

7. Recommended allocation* from each zone is as follows:

	Blinebry	Tubb
Oil	50%	50%
Water	50%	50%
Gas	13%	87%

October 7, 1983 File: SJO-1985-WF Page 3

*Allocation of oil and water is based on the latest production test, while allocation of gas is based on reserve estimates from the attached production decline rates. Results are as follows:

Total Reserves (Blinebry and Tubb) = 0.158 BCF
Blinebry Reserves = 0.0203 BCF
Tubb Reserves = 0.1377 BCF

Therefore, production allocation to:

Blinebry =
$$\frac{0.0203}{0.158} = \frac{13\%}{}$$

Tubb =
$$\frac{0.1377}{0.158} = \frac{87\%}{}$$

- 8. No liquids are currently being produced from either zone at this time, but incompatibility of fluids should not be a problem based on downhole commingling of these zones in the Drinkard Field, 4 miles north (Sec. 4, T-21-S, R-37-E).
- 9. All offset operators have been notified by certified mail. Copy of receipts attached.
- 10. Other supporting data attached are: copy of ownership map, list of offset operators, production decline curve, brief well history, present and proposed wellbore configurations.

If additional information is needed, contact Charles M. Herring (505) 393-1781.

Yours very truly,

1 akura

Attachments

cc: State of New Mexico
Energy and Minerals Department
Oil Conservation Division
P. O. Box 1980
Hobbs, NM 88240

OFFSET OPERATORS

Arco Oil and Gas Company P. O. Box 1610 Midland, TX 79702

Getty Oil Company P. O. Box 730 Hobbs, NM 88240

Gulf Oil Exploration and Production Company P. O. Box 670 Hobbs, NM 88240

Marathon Oil Company P. O. Box 552 Midland, TX 79702

Mobil Producing Texas and New Mexico Nine Greenway Plaza Suite 2700 Houston, TX 77046

Petro-Lewis Corporation P. O. Box 16200 1111 West Loop 289 Lubbock, TX 79416

Sohio Petroleum Company P. O. Box 3000 Midland, TX 79702

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STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

P. O. UOX 2038 SANTA FE, NEW MEXICO 87501

Forn C-116 Revised 10-1-78

GAS-OIL RATIO TESTS

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located by mort than 20 percent. Official is encouraged to increased allowables when nuthorized by the Division.

Gas volumes must be reported in NCF measured at a Fressure base of 15.025 palo and a temperature of 60° F. Specific gravity base will be 0.60.

Noll original and one copy of this report to the district office of the New Rexisp Oil Consorvation Division in necordanse with Rule 131 and appropriate pool rules.

Report easing preserve in itou of tubing pressure for any well producing through coolng.

0+2:NMOCD-Hobbs

1-File 533.11

Off Brundon Administrative Analyst

10-3-83

ENERGY & MINERALS DEPARTMENT STATE OF NEW MEXICO

GAS-OIL RATIO TESTS

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(S. malura)

Administrative Analyst

0+2:NMOCD-Hobbs

1-File 533.11

Mail original and one copy of this report to the district office of the New Mexico Oil Conzervation Division in necordance with Rule 131 and appropriate pool rules.

Report easing preserve in linu of lubing preserve for any well producing through casing.

Gas valumes must be reperted in MCF measured at a tressure bane of 15.015 pale and a temperature of 60° F. Spicific gravity bane will be 0.60.

10-3-83

(Tide)

GOVERNOR

EDWIN L. MECHEM

New Mexico

OIL CONSERVATION COMMISSION

LAND COMMISSIONER. MURRAY E. MORGAN MEMBER

STATE GEOLOGIST, A.L. PORTER JR. SECRETARY DIRECTOR



P. O. BOX 871 TA FE, NEW MEXICO ine 5, 1957

OIL CONSERVATION DIVISION SANTA FE

RECEIVED PAN AMERICAN PETROLEUM CORP. JUN 10 1957 FE PF FB **AFC**

Pan American Petroleum Corporation P. O. Box 68 Hobbs, New Mexico

Gentlemen:

Enclosed please find Administrative Order DC-445 for your W. H. Turner Well No. 3, located in the SE/4 SE/4 of Section 29, Township 21 South, Range 37 East, NMPM, Lea County, New Mexico, in the Blinebry Gas Pool and Tubb Gas Pool.

Very truly yours,

A. L. PORTER, Jr. Secretary-Director

WWM: omg

cc: Oil Conservation Commission, Hobbs, N. Mex.

New Mexico Oil & Gas Engineering Committee, Hobbs, N. Mex.

THE APPLICATION OF PAN AMERICAN PETROLEUM CORPORATION FOR PERMISSION TO EFFECT DUAL COMPLETION OF ITS W. H. TURNER WELL NO. 3 LOCATED IN THE SE/4 SE/4 OF SECTION 29, TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM, LEA COUNTY, NEW MEXICO IN THE BLINEBRY GAS POOL AND TUBB GAS POOL.

ORDER NO. DC-445

OF THE OIL CONSERVATION COMMISSION

Under the provisions of Rule 112-A (c) Pan American Petroleum Corporation made application to the New Mexico Oil Conservation Commission on May 16, 1957 for permission to dually complete its W. H. Turner Well No. 3, located 560 feet from the south line and 760 feet from the east line and in the SE/4 SE/4 of Section 29, Township 21 South, Range 37 East, NMPM, Lea County, New Mexico in the Blinebry Gas Pool and Tubb Gas Pool.

The Secretary-Director Finds:

- (1) That application has been duly filed under the provisions of Sub-section 'c' of Rule 112-A of the Commission's Rules and Regulations;
- (2) That satisfactory information has been provided that all operators of offset acreage have been duly notified; and
- (3) That no objections have been received within the waiting period as prescribed by said rule.

IT IS THEREFORE ORDERED:

That the applicant, herein, Pan American Petroleum Corporation be and it hereby is authorized to dually complete its W. H. Turner Well No. 3 located in the SE/4 SE/4 of Section 29, Township 21 South, Range 37 East, NMPM, Lea County, New Mexico in such manner as to permit production of gas from the Blinebry formation by proper perforation of the casing with gas produced through the casing-tubing annulus from the Blinebry Gas Pool and the production of gas from the Tubb formation by proper perforation of the casing with gas produced through the tubing from the Tubb Gas Pool and with the installation of a suitable packer and with the installation of adequate surface and well equipment to maintain complete separation of the two separate zones of production.

PROVIDED HOWEVER, That subject well shall be completed and thereafter produced in such a manner that there will be no commingling within the well-bore, either within or outside the casing of gas, oil and gas, or oil produced from either or both of the separate strata,

PROVIDED HOWEVER. That prior to the actual dual completion the operator shall make pressure tests of the casing to prove that no casing leaks have developed since the well was originally completed. In the event a casing leak is apparent the operator shall take appropriate steps to adequately repair the leak. The results of these tests shall be reported to the Commission on Form C-103.

PROVIDED FURTHER, That upon the actual dual completion of such subject well applicant shall submit to the appropriate District Office of the Commission, copies of Oil Conservation Commission Form C-103

-2-Order No. DC-445

Form C-104, Form C-110 and Form C-122 outlining the information required on those forms by existing Rules and Regulations and two copies of the electric log of the well.

PROVIDED FURTHER, That said subject well for dual completion and production shall be equipped in such a way that reservoir pressures may be determined separately for each of the two specified strata, and further, be equipped with all necessary connections requied to permit recording meters to be installed and used, at any time, as may be required by the Commission or its representatives, in order that natural gas, oil, or oil and gas from each separate stratum may be accurately measured and the gas liquid ratios thereof determined, and

PROVIDED FURTHER, That the operator-applicant shall make any and all tests, including segregation tests, packer leakage tests on completion and annually beginning with the first Gas-Liquid Survey in 1958 of the Blinebry Gas Pool, but not excluding other tests and/or determinations at any convenient time and in such manner as deemed necessary by the Commission; the original and all subsequent tests shall be witnessed by representatives of the Commission and by representatives of offset operators, if any there be, at their election, and the results of each test properly attested to by the applicant herein and all witnesses, and shall be filed with the Commission within 15 days after completion of such test, and submit a packer setting affidavit within 15 days after completion or whenever the packer is disturbed and,

PROVIDED FURTHER, That upon the actual dual completion of such subject well, applicant shall submit to the Commission a diagrammatic sketch of the mechanical installation which was actually used to complete and produce the seal between the strata, and a special report of production, gas-oil ratio and reservoir pressure determination of each producing zone or stratum immediately following completion.

IT IS FURTHER ORDERED. That jurisdiction of this cause is hereby retained by the Commission for such further order or orders as may seem necessary or convenient for the prevention of waste and/or protection of correlative rights; upon failure of applicant to comply with any requirement of this order after proper notice and hearing the Commission may terminate the authority hereby granted and require applicant or its successors and assigns to limit its activities to regular single-zone production in the interests of conservation.

APPROVED at Santa Fe, New Mexico, on this 26th day of May, 1957.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

A. L. PORTER, Jr.

Secretary-Director

SEAL

PRODUCTION DATA RATE-TIME PLOTS INDUSTRY

OPERATOR: AMOCO PRODUCTION CO FIELD: BLINEBRY OIL AND GAS TURNER WELL:

COUNTY: LEA 82 12 LAST PROD

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003007424 025

COMP DATE: PERFS:

API NO: 300250688288

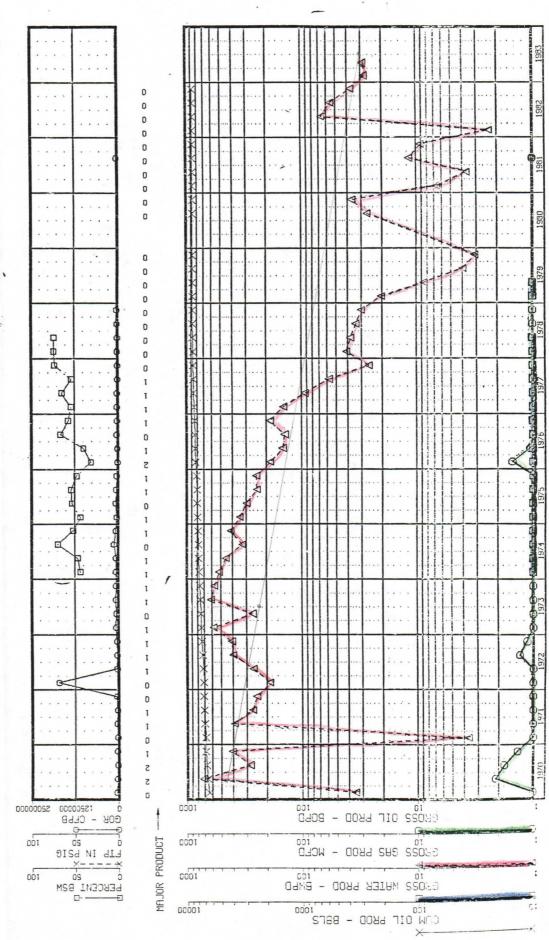
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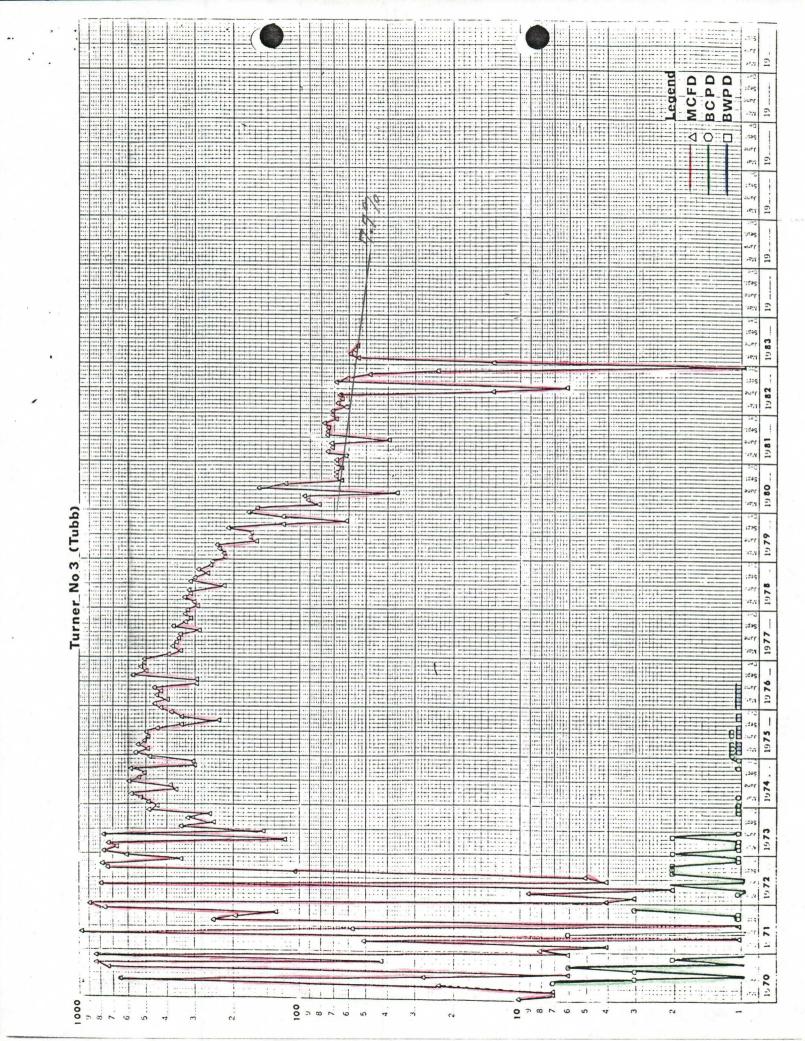
LOCATION: HOBBS

REQUESTOR: EDIE FOR WAGNER

FIRST PROD STATE: NM

8,821





Turner No. 3 Well History

Cementing Record

04-30-48:

Move in rig and spudded well.

05-01-48:

13-3/8", 36# ARMCO cosing set @ 296'. Cemented w/350 sx and

circulated.

05-12-48:

9-5/8", 32.3# H-40 casing set @ 3004'. Cemented w/1200 sx.

Top of cement @ 635'.

07-14-48:

7", 23# J-55 & N-80 casing set @ 7075'. Cemented w/300 sx.

Top of cement @ 4840'.

TD: 7658' PBD: 7203'

Initial Completion

07-27-48:

Ran 2-7/8" 6.5#, H-40 & J-55 tbg and set @ 7198' w/mud anchor

& seating nipple on bottom. Completed in the Silurian 7075'-7203' open-hole. Acidized w/6000 gal 7-1/2%, Max P

2625, Min P 1400, AIR 1 BPM.

IP: Flowed 165 BOPD x 1 BWPD x 704 MCFD.

TPF: 1400 psi, 16/64" CH.

10-05-48:

Acidized open-hole interval 7075'-7203' w/2500 gal. 28% and

10,000 gal. 7-1/2%. Max P 1000. Min P 300. AIR 3 BPM.

03-30-55:

Drill out cmt from 7203'-7320'. Acidized open-hole interval

7260'-7320' w/4000 gal 15%, Max P 1000, Min P Vacuum, AIR 4

BPM. PPWO:

PAWO: Swb 28 BLO x 160 BW in 14 hrs.

05-22-55:

Set retainer @ 7060'. Squeeze cmt open-hole 7075'-7320' w/100 sx cmt containing 4# TUF-PLUG/sx and 50 sx neat cmt. Max sq. press. 2000 psi and reverse out 2 sx. PBD 7055'. Perf ABO 6750'-7045' w/2 SPF. Spotted 500 gal 15% and sand oil fraced w/10,000 gal gelled oil and 1000 #/sn. Max P 3300, Min P 2800, AIR 18.5 BPM and flow 8 BLOPD x 0 BWPD. Set CIBP @ 6300' x capped w/10' cmt. Perf Tubb 6115'-40', 6150'-6200', 6210'-30', and 6240'-55' w/4 SPF. Spot 500 gal 15% and sand-oil fraced w/20,000 gal lease crude x 15,000 #

SN, Max P 2200 psi, AIR 27 BPM. IP: (Tubb) 114 BLOPD x 1835 MCFD TPF: 1600, CPF 1800, 12/64" CH.

Turner No. 3 Page 2

07-11-57:

Dual completion w/Blinebry produced up annulus: Perf Blinebry 5600'-40' w/4 SPF. Set Baker model D pkr @ 5680'. Acd Blinebry w/3000 gal 15% and 6000 gal gelled 15%, Max P 2200, Min P 1200, AIR 9.5 BPM. IP: (Blinebry) Flow 0 BOPD x 24 BLWPD x 3435 MCFD TPF: 350, CPF 675, 1" CH.

		SHEET NO. OF
AMOCO Am	oco Production Com, Wy	FILE
	ENGINEERING CHART	APPN
SUBJECT TURNER No.	3 (CURRENT WELLBORE	DATE 7/11/83
TUBB FIELD	A. ITICH DATION	BY 4/65
560 FSL X 760 FE	L, SEC. 29, T215, R37E	
LEA COUNTY, NEW 1		
COMPLETED: 7/27/48	3 ELEY.	: 3466 92
		3477 RDB
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	SURFA	
1338" CSA 296'		
36# ARMCO		
CMT W/350 SX.(CIRC)		
17" HOLE	(i) TCMT- 63.	
HOLE	(i) (ii) (iii)	<u> </u>
	23," - 5	6 W/G.O.T. B.C.
25" 261 32211	VALVE 1 ST A	
958" CSA 3004"		C-1 RECEPTACY
32,3# H-40	W PAR.	
CMT W/1200 5x.	TCMT-484	
12/4" HOLE		
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	BAKER MODEL D PA	· · · · · · · · · · · · · · · · · · ·
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(Ver.)	6110 WG,O,T. B-1	VALVE ABOVE BULLPLUG
\(\frac{77.1}{\oldsymbol{0}}	O TURB PERFS: 6115	40, 6150-6200,
	0 TUBB PERFS: 6115	55 W/4 SPF
) ()	CIBP SA 6300 CA	PPED W/10' CMT
		<u> </u>
(<u> </u>		
	O ABO PERFS: 6750 - 70;	<u> </u>
7" CSA 7075'	CEMENT RETAINER (ETAINER US /
23#, J-55 & N-80	CEMENTED BELOW &	150 SX
CAST W/300 5x.		
B314" HOLE	PLUGGED BACK TO 72	03' IN 614" HOLF
	W/150 SX. CREWLATE OUT	65 sx.
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· 1	BD: 6290'	

TD: 7658" PBD: 6290"

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P 267 164 402 RECEIPT FOR CERTIFIED MAIL NO INSURANCE COVERAGE PROVIDED-NOT FOR INTERNATIONAL MAIL (See Reverse) CERTIFIED FEE SPECIAL DELIVERY RESTRICTED DELIVERY SHOW TO WHOM AND DATE DELIVERED POSTMASTER $(\circ C$ SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY SHOW TO WHOM. DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY **TOTAL POSTAGE AND FEES** 89 POSTMARK OR DATE Form 3800, OCT 1983

P 267 164 403

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED-NOT FOR INTERNATIONAL MAIL (See Reverse)

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P 267 164 404

RECEIPT FOR CERTIFIED MAIL

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P 267 164 405 RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED-NOT FOR INTERNATIONAL MAIL

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P 267 164 406 RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED. NOT FOR INTERNATIONAL MAIL (See Reverse)

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ļ	Hobbs, NM 88240						
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P 267 164 407

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED-NOT FOR INTERNATIONAL MAIL (See Reverse)

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P 267 164 408

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED— NOT FOR INTERNATIONAL MAIL (See Reverse)

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Post Office Box 68 Hobbs, New Mexico 88240

S. J. Okerson District Superintendent

October 6, 1983

File: SJ0-1984-WF

Downhole Commingling of the Re:

Turner Well No. 3 560' FSL x 760' FEL Sec. 29, T-21-S, R-37-E Lea County, New Mexico

OIL CONSERVATION DIVISION SANTA FE

Marathon Oil Company P. O. Box 552 Midland, TX 79702

Gentlemen:

As operator of the Turner Well No. 3, Amoco Production Company hereby notifies you that we have applied to the NMOCD for Administrative Approval to downhole commingle the Blinebry and Tubb production. Commingling will enhance the economic operation of the well.

If you have no objections to the commingling, sign below and forward one copy to the NMOCD in Santa Fe, one copy to the NMOCD in Hobbs, one copy to this office, and retain one copy for your own records. Addressed, stamped envelopes have been provided for your convenience.

Yours very truly,

APPROVAL

Company: MACATTO

Date:



Post Office Box 68 Hobbs, New Mexico 88240

S. J. Okerson-District Superintendent

October 6, 1983

File: SJO-1984-WF

Re: Downhole Commingling of the

Turner Well No. 3
560' FSL x 760' FEL
Sec. 29, T-21-S, R-37-E
Lea County, New Mexico

OCT 17 1983

OIL CONSERVATION DIVISION SANTA FE

A 18

Arco Oil and Gas Company P. O. Box 1610 Midland, TX 79702

Gentlemen:

As operator of the Turner Well No. 3, Amoco Production Company hereby notifies you that we have applied to the NMOCD for Administrative Approval to downhole commingle the Blinebry and Tubb production. Commingling will enhance the economic operation of the well.

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Yours very truly,

APPROVAL

Company: ARCO OIL AND GAS G

y: Craig L. Pa

Date: 10/13/83



Post Office Box 68 Hobbs, New Mexico 88240

S. J. Okerson District Superintendent

October 6, 1983

File: SJ0-1984-WF

Re: Downhole Commingling of the

Turner Well No. 3 560' FSL x 760' FEL Sec. 29, T-21-S, R-37-E Lea County, New Mexico

OIL CONSERVATION DIVISION SANTA FE

Getty Oil Company P. 0. Box 730 Hobbs, NM 88240

Gentlemen:

As operator of the Turner Well No. 3, Amoco Production Company hereby notifies you that we have applied to the NMOCD for Administrative Approval to downhole commingle the Blinebry and Tubb production. Commingling will enhance the economic operation of the well.

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Yours very truly,

akuro

APPROVAL

Company:

Date:



Post Office Box 68 Hobbs, New Mexico 88240

S. J. Okerson District Superintendent

October 6, 1983

File: SJ0-1984-WF

Re: Downhole Commingling of the

Turner Well No. 3 560' FSL x 760' FEL Sec. 29, T-21-S, R-37-E Lea County, New Mexico DIE GIETTVIZION
DIL CONSE IVALI A DIVISION
SALITA TE

Gulf Oil Exploration and Production Company P. O. Box 670 Hobbs, NM 88240

Gentlemen:

As operator of the Turner Well No. 3, Amoco Production Company hereby notifies you that we have applied to the NMOCD for Administrative Approval to downhole commingle the Blinebry and Tubb production. Commingling will enhance the economic operation of the well.

If you have no objections to the commingling, sign below and forward one copy to the NMOCD in Santa Fe, one copy to the NMOCD in Hobbs, one copy to this office, and retain one copy for your own records. Addressed, stamped envelopes have been provided for your convenience.

Yours very truly,

APPROVAL

Company:

Gulf Oil Corporation

By:

Chief Proration Engineer

Date:

October 18, 1983



Post Office Box 68 Hobbs, New Mexico 88240

S. J. Okerson
District Superintendent

October 6, 1983

File: SJ0-1984-WF

Re: Downhole Commingling of the

Turner Well No. 3
560' FSL x 760' FEL
Sec. 29, T-21-S, R-37-E
Lea County, New Mexico

NOV - 7 1983

OIL CONSERVATION DIVISION SANTA FE

Sohio Petroleum Company P. O. Box 3000 Midland, TX 79702

Gentlemen:

As operator of the Turner Well No. 3, Amoco Production Company hereby notifies you that we have applied to the NMOCD for Administrative Approval to downhole commingle the Blinebry and Tubb production. Commingling will enhance the economic operation of the well.

If you have no objections to the commingling, sign below and forward one copy to the NMOCD in Santa Fe, one copy to the NMOCD in Hobbs, one copy to this office, and retain one copy for your own records. Addressed, stamped envelopes have been provided for your convenience.

Yours very truly,

akuran

APPROVAL

Company: Sohio Petroleum Company

Bv:

Date: November 1, 1983



Post Office Box 68 Hobbs, New Mexico 88240

S. J. Okerson District Superintendent

October 6, 1983

File: SJ0-1984-WF

Downhole Commingling of the Re:

> Turner Well No. 3 560' FSL x 760' FEL Sec. 29, T-21-S, R-37-E Lea County, New Mexico

2 1933 OIL CONSERVATION DIVISION SANTA FE

Mobil Producing Texas and New Mexico Nine Greenway Plaza Suite 2700 Houston, TX 77046

Gentlemen:

As operator of the Turner Well No. 3, Amoco Production Company hereby notifies you that we have applied to the NMOCD for Administrative Approval to downhole commingle the Blinebry and Tubb production. Commingling will enhance the economic operation of the well.

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Yours very truly.

Attachments

APPROVAL

Company:

MOBIL PRODUCING TX & NM INC.

Date:

OIL CONSERVATION DIVISION DISTRICT 1



OIL CONSERVATION DIVISIO	N	_ DATE_	October 18,	1983
P. O. BOX 2088 SANTA FE, NEW HEXICO 875	וס		Proposed MC <u>·</u> Proposed DHC	х
. -	•.		Proposed DNC_ Proposed NSL	
	•		Proposed NSP	
			Proposed SWD	
•			Proposed WFX	•
		· · .	Proposed PMX_	
Gentlemen:		•		
I have examined the appli	ication for the:		•	
Amoco Production Co-	Turner	No. 3	29-21-3	7
Operator	Lease and Wel) No. 1	Jnit, S - T -	R
0.KJ.S.				
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Yours very truly, .	•			
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