GOVERNOR

STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION HOBBS DISTRICT OFFICE

2/2/9%

NSP-1751

POST OFFICE BOX 1980 HOBBS, NEW MEXICO 88241-1980 (505) 393-6161

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

Propos	ed:	
MC		
DHC		
NSL		
NSP	X	
SWD		······································
WFX		
PMX		

Gentlemen:

RE:

I have examined the application for the:

Higgins <u>Higgins</u> ease & Well No. Unit S. roleuminc <u>____29-225-38e</u> Operator lease

and my recommendations are as follows:

s very truly, Youn

Jerry Sexton Supervisor, District 1

/ed



Administrative Application for Reclassification from Oil to Gas Well, Non-Standard Gas Proration Unit Standard Gas Well Location Tubb Oil and Gas Pool Higgins No. 1 1650' FEL and 1980' FSL, Unit J Section 29, T22S, R38E Lea County, New Mexico

State of New Mexico Energy, Minerals & Natural Resources Dept. Oil Conservation Division 2040 South Pacheco Santa Fe., NM 87505

Attention: Mr. William J. LeMay - Director

Dear Mr. LeMay:

Arch Petroleum Inc. respectfully requests administrative approval for a reclassification of the Higgins No. 1 from an oil well to a gas well, creation of a non-standard 80 acre gas proration unit, and a standard gas well location.

Higgins No. 1 needs to be reclassified as a gas well, per OCF guidelines, as the GOR is higher than 100,000 to 1. A non-standard 80 acres gas proration unit is proposed to be dedicated to the No. 1. The location of the new proration unit is the N/2 se/4, Section 29, T22S, R38E, Lea County, New Mexico, making this well a standard well location per the Tubb Oil and Gas Pool regulations.

A copy of this administrative application is being provided to our offset operators via Certified Mail. Attached is a commercial map and a Form C-102 plat illustrating the proration unit acreage and well location. Also included is a copy of the letter sent to our offset operators.

If you have any questions, or if you require further information, please contact me at (915) 685-1961.

Sincerely,

Boune Brooks

Bobbie Brooks Production Analyst

Attachments

cc: NMOCD - Hobbs, NM

District I PO Box 1980, Hobbs, NM 88241-1980 District II PO Drawer DD, Artesia, NM 88211-0719 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION PO Box 2088 Santa Fe, NM 87504-2088 Form C-102 Revised February 10, 1994 Instructions on back Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Numi		¹ Pool Code			³ Pool Name									
25-1214	16	60	0240	O TUBB										
	⁵ Property Name HIGGINS						' Well Number 1							
	PETRO	" Operator Name						*Elevation 3384' DF						
¹⁰ Surface Location														
Section	Township	Range	Lot Ida				Fort (mm the	East	+ K					
29	225	38E		1		ł				LEA				
Section	Township	Range	Lot Ida	T		North/South line	Feet from the	East/West	East/West line County					
res 13 Joint	or Infill 14 C	onsolidatio	n Code (* (Drder No.			[
WABLE 1	WILL BE A OR A I	SSIGNE	D TO TH NDARD	IS COMPL UNIT HAS	ETIC S BE	ON UNTIL ALL I	INTERESTS H	AVE BEE	EN COI	NSOLIDATED				
							17 OPER 1 hereby certip true and comp Signature Bobbie Printed Name <u>Produc</u> Tule Januar Date	Bobbie Brooks Printed Name Production Analyst Tide January 31, 1996						
						1650'	 I hereby certify was plotted from me or under m and correct to be Date of Survey Signature and S 	that the well m field notes y supervision, the best of my	l location of actual , and that y belief.	shown on this plat surveys made by (the same is true				
	25-1214 Code)1 No. 52 Section 29 Section	1 HIG(No. 62 Section Township 29 22S Section Township res '' Joint or Infull WABLE WILL BE A	25-12146 60 Code HIGGINS No. ARCH PETRON 52 ARCH PETRON Section Township 29 22S 38E 11 Section Township Range 38E 11 Bot Section Township Range 11 WABLE WILL BE ASSIGNE	25-12146 60240 Code HIGGINS No. ARCH PETROLEUM IN 52 ARCH PETROLEUM IN Section Township 29 22S 38E II Bottom Hol Section Township Range Lot Idn 1 Bottom Hol Section Township Range Lot Idn Value Infill ** Consolidation Code ** Consolidation Code WABLE WILL BE ASSIGNED TO TH	25-12146 60240 Code 1 HIGGINS No. 2 ARCH PETROLEUM INC. Section Township Range Lot Idn Feet from 29 22S 38E 1980 1 Bottom Hole Location Section Township Range Lot Idn Feet from Section Township Range Lot Idn Feet from WABLE WILL BE ASSIGNED TO THIS COMPL OR A NON-STANDARD UNIT HAN ANDI-STANDARD UNIT HAN	25-12146 60240 Code HIGGINS No. Code HIGGINS No. Code ARCH PETROLEUM INC. Coperator Code Section Covership Range Lot Idu Feet from the 1980 II Bottom Hole Location II Section Township Range Lot Idu Feet from the Consolidation Code OR A NON-STANDARD UNIT HAS BE	25-12146 60240 TUBB Code 'Property Name I HIGGINS 'Operator Name ARCH PETROLEUM INC. 10 Surface Location Section Township Range Lot Idn Feet from the North/South Ene 29 22S 38E I 1980 SOUTH 11 Bottom Hole Location If Different From Section Township Range Lot Idn Feet from the North/South Ene ref '' Joint or Inful '' Consolidation Code '' Order No. WABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL OR A NON-STANDARD UNIT HAS BEEN APPROVED OR A NON-STANDARD UNIT HAS BEEN APPROVED 	25-12146 60240 TUBB Code 11 HIGGINS 'Property Name 10 HIGGINS 'Operator Name 10 ARCH PETROLEUM INC. 'Operator Name 10 Surface Location Feet from the 330 10 Bottom Hole Location If Different From Surface 29 225 38E Lot Ida 11 Bottom Hole Location If Different From Surface Section Township Range Lot Ida 11 Bottom Hole Location If Different From Surface Section Township Range Lot Ida 11 Bottom Hole Location If Different From Surface Section Township Range Lot Ida 11 Bottom Hole Consolidation Code "Order No.	25-12146 60240 TUBB Code 11 HIGGINS * Property Name No. * Operator Name 22 ARCH PETROLEUM INC. * Operator Name 29 22S 38E Los Ida Feet from the 1980 SOUTH 330 EAST ***********************************	25-12146 60240 TUBB Code 'Property Name 1 No. 'Operator Name 338 10 HIGGINS 'Operator Name 338 10 Section 'Surface Location 338 10 Surface Location 330 East/West line 29 22S 38E Lot Ida Feet from the South South South East/West line East/West line 29 22S 38E Lot Ida Feet from the North/South line Feet from the East/West line 11 Bottom Hole Location If Different From Surface Socion Township Range Lot Ida Feet from the North/South line Feet from the East/West line 11 'Dottom Hole Location UNTIL ALL INTERESTS HAVE BEEN COLOR COMPLETION UNTIL ALL INTERESTS HAVE BEEN COLOR CORE I' adapt certify that the information frue and complete to the best of my WABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN COLOR CORE I' adapt certify that the information frue and complete to the best of my WABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN COLOR CORE I' adapt certify that the information frue and complete to the best of my				

New Mexico Oil Conservation Division C-102 Instructions

IF THIS IS AN AMENDED REPORT, CHECK THE BOX LABLED "AMENDED REPORT" AT THE TOP OF THIS DOCUMENT.

Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed contact the appropriate OCD district office. Independent subdivision surveys will not be acceptable.

- 1. The OCD assigned API number for this well
- 2. The pool code for this (proposed) completion
- 3. The pool name for this (proposed) completion
- 4. The property code for this (proposed) completion
- 5. The property name (well name) for this (proposed) completion
- 6. The well number for this (proposed) completion
- 7. Operator's OGRID number
- 8. The operator's name
- 9. The ground level elevation of this well
- 10. The surveyed surface location of this well measured from the section lines NOTE: If the United States government survey designates a Lot Number for this location use that number in the 'UL or lot no.' box. Otherwise use the OCD unit letter.
- 11. Proposed bottom hole location. If this is a horizontal hole indicate the location of the end of the hole.
- 12. The calculated acreage dedicated to this completion to the nearest hundredth of an acre
- Put a Y if more than one completion will be sharing this same acreage or N if this is the only completion on this acreage
- 14. If more than one lease of different ownership has been dedicated to the well show the consolidation code from the following table:
 - C Communitization
 - U Unitization
 - F Forced pooling
 - O Other
 - P Consolidation pending

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-" STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION!

 Write in the OCD order(s) approving a non-standard location, non-standard spacing, or directional or horizontal drilling 16. This grid represents a standard section. You may superimpose a non-standard section over this grid. Outline the dedicated acreage and the separate leases within that dedicated acreage. Show the well surface location and bottom hole location, if it is directionally drilled, with the dimensions from the section lines in the cardinal directions. (Note: A legal location is determined from the perpendicular distance to the edge of the tract.) If this is a high angle or horizontal hole show that portion of the well bore that is open within this pool.

Show all lots, lot numbers, and their respective acreage.

If more than one lease has been dedicated to this completion, outline each one and identify the ownership as to both working interest and royalty.

- The signature, printed name, and title of the person authorized to make this report, and the date this document was signed.
- 18. The registered surveyors certification. This section does not have to be completed if this form has been previously accepted by the OCD and is being filed for a change of pool or dedicated acreage.



SCALE IN FEET

DARNELL GRAPHICS . Fort Worth, Texas

District I PO Bex 1980, Hobbs, NM 88241-1980 District II PO Drawer DD, Artesia, NM 88211-0719 District III 1000 Rio Brazos Rd., Aztoc, NM 87410 District IV PO Box 2088, Santa Fc, NM 87504-2088

, *"* ,

State of New Mexico Escrey, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION PO Box 2088 Santa Fe, NM 87504-2088

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Form C-102 Revised February 10, 1994 Instructions on back Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

AMENDED REPORT

		WI	ELL LC	CATIO	N AND	AC	REAGE DEDI	CATION P	LAT				
					Pool Code ³ Pool Name								
	5-1214												
* Property 01490								* Well Number 1					
* OGRID 00096	-	ARCH	PETRO	LEUM INC		crator	r Name	<u> </u>		'Elevation 3384' DF			
L			L										
UL or lot no.	Section	Township	Range				Location North/South Ene	Feet from the	East/Wes	ust/West line County			
J	29	22S	38E	38E 1980			SOUTH	330	EAST		LEA		
	"Bottom Hole Location If Different From Surface												
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16						·		¹⁷ OPER	ATOR		IFICATION contained herein is		
								true and comp	plete to the be	est of my k	trowledge and belief		
								Bal	4	Ren	ah.		
								Signature	<u>Bobbie Brooks</u>				
									_ <u>Production Analyst</u>				
								Tale	Tale January 31, 1996				
							(Date	<i>y</i> <u>,</u> <u>,</u> <u>,</u>				
								¹⁸ SURVI	EYOR C	ERTI	FICATION		
				}	—	-1-	1650'	" I hereby certify was ploaed fro	that the well m field notes	location :	shown on this plat surveys made by		
								me or under m and correct to	y supervision.	and that	the same is true		
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					l	1		Signature and S	cal of Profes	sional Sur	vcyar.		
					980								
					51								
					1			Certificate Num					



District I PO Box 1960, Elobbe, NM \$8241-1980 District II PO Drawer DD, Artesia, NM 88211-0719 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV PO Box 2088, Santa Fe, NM 87504-2088 State of New Mexico Energy, Minerals & Natural Resources Department

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AMENDED REPORT

		WI	ELL LC	OCATIO	N AND	AC	REAGE DEDI	CATION P	LAT			
· ·	¹ API Number ² Pool Code							¹ Pool Name				
30-02	5-1214	46 60240 TUBB										
⁴ Property 01490		⁴ Property Name HIGGINS						• Well Number 1				
'ogrid 00096		ARCH	PETRO	LEUM INC		crator	r Name	<u> </u>		'Elevation 3384' DF		
L		1	¹⁰ Surface Location									
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	"Bottom Hole Location If Different From Surface											
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16						-		I hereby certif true and comp Signature Bobbie Printed Name Produc Title Januar Date				
					• ·			 I hereby certify was plotted from me or under my and correct to the Date of Survey 	that the well m field notes y supervision, the best of my	location . of actual . , and that y belief.	FICATION shown on this plat surveys made by the same is true	
					1980'		÷	Certificate Num		sional Sur	veya.	





Administrative Application for Reclassification from Oil to Gas Well, Non-Standard Gas Proration Unit Standard Gas Well Location Tubb Oil and Gas Pool Higgins No. 1 1650' FEL and 1980' FSL, Unit J Section 29, T22S, R38E Lea County, New Mexico

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If you have any questions, or if you require further information, please contact me at (915) 685-1961.

Sincerely,

Bobbie Brooks Production Analyst

Attachments

cc: NMOCD - Hobbs, NM



CERTIFIED MAIL

Administrative Application for Reclassification from Oil to Gas Well, Non-Standard Gas Proration Unit Standard Gas Well Location Tubb Oil and Gas Pool Higgins No. 1 1650' FEL and 1980' FSL, Unit J Section 29, T22S, R38E Lea County, New Mexico

Chevron U.S.A., Inc. 15 Smith Road Midland, TX 79705

Gentlemen:

Attached is a copy of an administrative application for NMOCD approval for a reclassification of the Higgins No. 1 from and oil well to a gas well, creation of a non-standard 80 acre gas proration unit, and a standard gas well location.

The GOR of the No. 1 has increased above the 100,000 to 1 limit for oil wells in the Tubb field. With this change, a standard well location and on-standard 80 acre gas proration unit is proposed.

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Sincerely,

Bobbie Brooks Production Analyst

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CERTIFIED MAIL

Administrative Application for Reclassification from Oil to Gas Well, Non-Standard Gas Proration Unit Standard Gas Well Location Tubb Oil and Gas Pool Higgins No. 1 1650' FEL and 1980' FSL, Unit J Section 29, T22S, R38E Lea County, New Mexico

Western Reserves Oil Company, Inc. 310 West Wall, Ste. 301 Midland, TX 79701

Gentlemen:

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Texaco Exploration and Producing , Inc. 205 E. Bender Hobbs, NM 88240

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