ENERGY AND MINERALS DEPARTMENT **DIL CONSERVATION DIVISION** HOBBS DISTRICT OFFICE 3-9-88 GARREY CARRUTH MAR 11 1988 POST OFFICE BOX 1980 GOVERNOR HOBBS, NEW MEXICO 88241-1980 (505) 393-6161 VATION DIVISION SANTA FE OIL CONSERVATION DIVISION P. O. BOX 2088 SANTA FE, NEW MEXICO 87501 RE: Proposed: \_ amended AD X MC DHC NSL NSP SWD WFX . PMX<sup>-</sup> Gentlemen: I have examined the application for the: Lease & Well No. Unit S-T-R . 10 Tileat Operator and my recommendations are as follows: OK Youps very truly, Jerry Sexton Supervisor, District 1

/ed





SANTA FE A Subsidiary of Shell Oil Company

March 3, 1988

P.O. Box 576 Houston, TX 77001

State of New Mexico Energy and Minerals Department Oil Conservation Division P. O. Box 2088 Santa Fe, New Mexico 87504-2088

Gentlemen:

SUBJECT: AMENDMENT TO DIRECTIONAL DRILL APPLICATION NORTH HOBBS (GB/SA) UNIT SECTION 33 NO. 433, HOBBS (GB/SA) POOL T18S-R38E, LEA COUNTY, NEW MEXICO

Shell Western E&P Inc. (SWEPI), as Operator of the North Hobbs Unit, hereby advises you that, due to surface use restrictions, it has become necessary to move the subject well to a new surface location. As indicated below, the bottomhole location will remain unchanged.

<u>Original Surface Location</u> Unit Letter I 1862' FSL & 933' FEL

1950' FSL & 400' FEL

Bottomhole Location

Amended Surface Location 1847' FSL & 985' FEL Bottomhole Location 1950' FSL & 400' FEL

NMOCD forms C-101 and C-102 submitted with this request indicates the amended location.

Inasmuch as the basis of our original application (submitted February 10, 1988) remains unchanged, we recommend your approval of SWEPI's proposal to drill this infill producer at the amended location.

We apologize for any inconvenience caused by this change.

Yours very truly,

JEN Kelleber

A. J. Fore Supervisor Regulatory & Permitting Safety, Environmental, and Administration Western Division

JMW:LGC

Attachments

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

BNBC8806302 - 0001.0.0

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STATE OF NEW MEX. ENERGY AND MINERALS DEP		CONSERVATI			Form C-101	· •
DISTRIBUTION		P. O. BOX 2			Revised 10	
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LANO OFFICE			· · ·		mm	mmmm
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1. Type of Work	*				7. Unit Agre	ement Name
	(DIRECTIONAL)	DEEPEN	PLUC		N. HOBB	S (G/SA) UNIT
b. Type of Well					B. Farm or L	
2. Name of Operator	0THCA		SINCLE X MUL		SECTION	33
SHELL WESTERN E&	P INC.				433	
3. Address of Operator P. O. BOX 576, H(		1 (WCK 4435)		· · · · I	HOBBS ((	d Pool, or Wildcat
4. Location of Well	т т	10/17	LET FROM THE SOUTH			TITITITI T
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23.	P	ROPOSED CASING AND	CEMENT PROGRAM			· · · · · · · · · · · · · · · · · · ·
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF C	EMENT	EST. TOP
17-1/2"	13-3/8"	CONDUCTOR	40'	6		SURF
12-1/4"	9-5/8"	32.3#	1650'	65	)	SURF
8-3/4"	• 7"	23#	4350'	1050	)	SURF
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IN ABOVE SPACE DESCRIBE PRI TIVE IONE, GIVE BLOWOUT PREVENTE	POSED PROGRAMI IF P	NOPOSAL 18 TO DEEPEN OR	PLUG BACK, GIVE PATA DH	PRESENT PRODU	CTIVE ZONE A	ND PROPOSED WEW PRODU
I hereby certify that the information	a above is true and compl	ete to the best of my kno	wledge and bellef.			•
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Signed Wer Keller	Z G A. J. FURE	Tule_SUPERVISUR	REG. & PERMITTI	Dot Dot	<u>_ 3-03-8</u>	<u>×</u>
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### NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

All distances must be from the outer boundaries of the Section Operator Lease Well No. Shell Western E. & P. Inc. North Hobbs Unit 433 SECTION 33 Section Township "nut Letter Range County 38 East 33 18 South Ι Lea Actual Footage Location of Well: 985 1847 South East feet from the line and feet from the line Ground Level Elev. **Producing Formation** Pool Dedicated Acreage: 3630.7 HOBBS (G/SA) **GRAYBURG/SAN ANDRES** 40 Acres 1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below. 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). 3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling. etc? UNITIZATION X Yes No No If answer is "yes," type of consolidation . If answer is "no," list the owners and tract descriptions which have actually been consolidated. (I'se reverse side of this form if necessary.). No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission. **CERTIFICATION** I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Name and Selling top: A. J. FORE Chevron Grimes #8 Position Shell 33- 412 SUPERVISOR REG. & PERMITTING Comerce SHELL WESTERN E&P INC. Date MARCH 3, 1988 I hereby certify that the well location BOTTOM HOLE shown on this plat was plotted from field Chi Gr 1950 FSL 400 FE notes of actual surveys made by me or 86. 985 under my supervision, and that the same 33 URFACE HOLE is true and correct to the best of my knowledge and belief. Date Surveyed Tebruary 26, 1988 **Registured Professional Engineer** and Surveyou tificate No JOHN WEST. 676 RONALD J. EIDSON 3239 1320 1680 330 660 .... 1980 2310 -500

26 40 2000 1 800 1000

Form C-102 Supersedes C-128

Effective 1-1-65



P.O. Box 576 Houston, TX 77001

		Shell Western E&P Inc	<u>.</u>
Fobrusry	10	1000	
February	10,	FEB 1 6 1988	
	• • •	OIL CONSERVATION DIVISION SANTA FE	

State of New Mexico Energy & Minerals Department Oil Conservation Division P. O. Box 2088 Santa Fe, NM 87504-2088

Gentlemen:

SUBJECT: APPLICATION FOR ADMINISTRATIVE APPROVAL TO DIRECTIONALLY DRILL NORTH HOBBS (GB/SA) UNIT SECTION 33 NO. 433 HOBBS (GB/SA) POOL LEA COUNTY, NEW MEXICO

Shell Western respectfully requests administrative approval to directionally drill its North Hobbs (GB/SA) Unit No. 433. The location of the well is shown on the attachment.

The well will be drilled within the city limits of Hobbs, New Mexico where surface use restrictions prevent the drilling of a vertical hole at the desired location. The well is necessary to complete an efficient production and injection pattern, thereby maximizing oil recovery in areas where waterflood oil will be bypassed with the current injectionproduction well configuration.

By copy of this letter and attachments, we have notified by certified mail the operators shown on the attached service list.

Very truly yours,

A. J. Fore Supervisor Regulatory and Permitting Safety, Environmental, and Administration Western Division

JMW: SJK

Attachments

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

XAH8804002 - 0001.0.0

#### 1988 NORTH HOBBS UNIT DRILLING PROGRAM STAKED WELL LOCATION AND TARGET DEPTH

WELL NO.	SURFACE LOCATION	BOTTOM HOLE LOCATION (TARGET 100' RADIUS CIRCLE)	KICK-OFF DEPTH	DEPARTURE & DIRECTION DISTANCE
NHU-433	1862 FSL & 933 FEL Sec. 33, T-18-S, R-38-E	1950 FSL & 400 FEL Sec. 33, T-18-S, R-38-E	500'	540-ENE
	1847 FSL + 985 FE	EL CONTRACTOR	• •	

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		P. Q. BOX 2	-		Form C-101 Revised 10-	1-78
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U.S.G.S.						
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SHELL WESTERN E&					433	
Address of Operator				· · · · · · · · · · · · · · · · · · ·		Pool, or Wildcat
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Location of Well	r	1962				( SH)
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I hereby certify that the informatio	a above is true and complete t	o the best of my knowledge and ?	bellef.		
Signed _ J. Jane	A. J. FORE TH	SUPERVISOR REG. & I	PERMITTING	Dare 2-10-88	
(This space for S	late lise)				

CONDITIONS OF APPROVAL, IF ANYL

APPROVED BY\_

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# NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

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

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H.B.P. A-1469	Oil H.B.P. 9-64 H.B.P. B-2209 J.Kelly B-7330 Echo Jerry	57295 E 4424 B-2656	Shelly A.R.Co. H & P H B.P H B.P 6-1378 B+1506	Feiment PORTI	ON OF HOBBS (G/S/	A) POOL 🚊
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## SERVICE LIST

## Offset Operators

Amoco Production Company P. O. Box 68 Hobbs, NM 88240-0068

Conoco, Inc. P. O. Box 460 Hobbs, NM 88240-0460

Chevron USA P. O. Box 670 Hobbs, NM 88240-0670

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	•	CONSERVATION	DIVISION	VIENT	
REY CARRUTHERS	, .	۰ <u>ـ</u> ـــــــــــــــــــــــــــــــــــ			POST OFFICE BOX 1980 HOBBS, NEW MEXICO 88241-11
	FER 26	- A			(505) 393-6161
OIL CONSERVATIO P. O. BOX 2088 SANTA FE, NEW M	N DIKISIONISERVAT SANTA EXICO 87501	ON DIVISION FE			
RE: Proposed: MC DHC		X	DA X		
NSL NSP SWD WFX PMX					
Gentlemen:			· .		
	the application $\mathcal{E} + \mathcal{P} - \mathcal{P} \mathcal{P}$	for the: D. Hobber 1	BISATIN	it Sec.	33 #433
I have examined <u>Shell Wester</u> Operator	the application <u> </u>	M. Hobles A e & Well No. 1	HB/SA Um Init S-T-	it Sec.	<u>33                                   </u>
I have examined <u>Shell Wester</u> Operator	- Etf Inc Leas	M. Hobles A e & Well No. 1	B/SA Un Init S-T-	<u>it Sec.</u> R	<u>33</u>
I have examined <u>Shell Wester</u> Operator	- Etf Inc Leas	M. Hobles A e & Well No. 1	<u>B/SA Um</u> Ini't S-T-	<u>t Lec.</u> R	<u>33 #4</u> 33
I have examined <u>Shell Wester</u> Operator	- Etf.Inc Leas dations are as fo	M. Hobles A e & Well No. 1	<u>B/SA Un</u> Init S-T-	it lec. R	<u>33</u> #433
I have examined <u>Shell Wester</u> Operator and my recommen	- Etf.Inc Leas dations are as fo	M. Hobles A e & Well No. 1	<u>B/SA ZIm</u> Ini't S-T-	it Sec.	<u>33</u> #433

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