

OIL CONSTRVATION DIVISION P.O. Box 991 SANTA FE Houston, Texas 77001

January 21, 1981

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

Gentlemen:

SUBJECT: SHELL NORTH HOBBS G/SA UNIT LEA COUNTY, NEW MEXICO

Shell Oil Company requests approval of the amended location for the following well. The original location was approved by Administrative Order NSL-1194 and a subsequent location change was approved by an amendment to the above order. However, it was necessary to move the location again for various surface obstacles.

Original Location

Sec. 28, Well No. 422 Unit Letter H 2288' FNL and 247' FEL Lea County, New Mexico <u>Ist Amended Location</u> (Approved 12/15/80 -Administrative Order NSL-1194)

Sec. 28, Well No. 422 Unit Letter H 2288' FNL and 407' FEL Lea County, New Mexico

2nd Amended Location

Sec. 28, Well No. 422 Unit Letter H 2199' FNL and 772' FEL Lea County, New Mexico Moved 89' North and 365' West because of power lines and buildings and to accomodate the surface owner's use of the land.

We would appreciate your earliest consideration of our request.

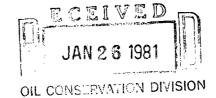
Yours very truly,

MIM 7A. J. Fore

Supervisor Regulatory and Permitting Mid-Continent Division

RML/b1

cc: New Mexico Oil Conservation Commission - Hobbs, NM



SANTA FE

Reason For Change



P.O. Box 991 Houston, Texas 77001

January 21, 1981

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

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MA. J. Fore

Supervisor Regulatory and Permitting Mid-Continent Division

RML/b1

cc: New Mexico Oil Conservation Commission - Hobbs, NM

NEW MEXICO OIL CONSERVATION COMMISSION

WELL LOCATION AND ACREAGE DEDICATION PLAT

MAR 1 8 198 Effective 1-1-65

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		All distances must b	e from the outer boundari	es of the Section	OIL COM	STRUATION
Operator SHELL OIL COMP.	ANY		Lease NORTH H	OBBS UNIT		SANT Weil No! VISION
Unit Letter Sec H	lion 28	Township 18 South	Range 38 East	County	Lea	
Actual Footage Location	of Well:	· · · ·	. <u></u>	_,, <b>I</b> ,		
Ground Level Elev:	Producing Fo	Ine ar line ar	Pool	feet from the	East	line Dedicated Acreage;
3635.12' GR	G/SA		Hobbs (G,			Acres
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dated by comm	unitization,	unitization, force-po	oling. etc?			of all owners been consoli-
this form if ne No allowable v	no,'' list the cessary.) vill be assign	owners and tract de ned to the well until	all interests have be	ve actually be en consolida	een consolie ted (by con	dated. (Use reverse side of mmunitization, unitization, n approved by the Commis-
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				 772'	Company Shell O Date	atman <sub>S</sub> orA.J.Fore sor Regulatory & Permi il Company 21, 1981 (Amended)
					shown o notes of under my is true	v certify that the well location in this plat was plotted from field f actual surveys made by me or v supervision, and that the same and correct to the best of my ge and belief.
						yed Professional Engineer Id Surveyor
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JAN 26 1981

OIL CONSERVATION DIVISION

SANTA FE



P.O. Box 991 SANTA FE Houston, Texas 77001

January 20, 1981

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

Gentlemen:

SUBJECT: SHELL NORTH HOBBS G/SA UNIT LEA COUNTY, NEW MEXICO

Shell Oil Company requests approval of the amended location for the following well The original location was approved by Administrative Order NSL-1194; however, it was necessary to move the location to accomodate the surface owners's use of the land.

### ORIGINAL LOCATION

Sec. 20, Well No. 233 Unit Letter K 1850' FSL and 1850' FWL Lea County, New Mexico AMENDED LOCATION

1850' FWL and 1610' FSL

We would appreciate your earliest consideration of our request.

Yours very truly,

A. J. Fore Supervisor Regulatory and Permitting Mid-Continent Division

RML/b1

cc: New Mexico Oil Conservation Commission - Hobbs, NM

Note le Hers lle Two wells

NEW MEXICO OIL CONSERVATION COMMISSION

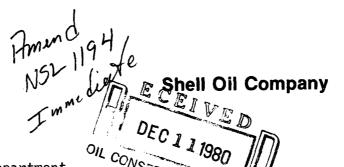
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WELL LOCATION AND ACREAGE DEDICATION HUMT tive 1-1-65 MAR 1 8 1981 All distances must be from the outer boundaries of the Sec Lease Operator North Hobbs Unit CONSERVATION DIVISION83 Shell Oil Company Range County Section Township Unit Letter 18South 38East 20 Lea K Actual Footage Location of Well: 1850 1610 West South feet from the feet from the line and line Ground Level Elev. Producing Formation Pool Dedicated Acreage: 3647.7' Hobbs (G/SA) (G/SA) 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? If answer is "yes," type of consolidation Unitization No X Yes If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.). No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission. CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Name A.J.Fore Position Supervisor Regulatory & Permits Company Shell Oil Company Date January 20, 1981 I hereby certify that the well location shown on this plat was plotted from field of actual surveys made by me or MEXIC 1.14 under my supervision, and that the same 1850 true and correct to the best of my knowledge and belief. STERED LAND Date Surveyed 1979 Dec. 4. Registered Protessional Engineer and/or L and Surveyo PATRICK A. ROMERO 6665 330 660 .90 1320 1650 1980 2310 26 40 2000 1500 1000 50Q

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OIL CONSERVATION DIVISION

November 19, 1980

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

Gentlemen:

SUBJECT: SHELL NORTH HOBBS G/SA UNIT LEA COUNTY, NEW MEXICO

Shell Oil Company requests approval of the amended locations for the following wells. The original locations were approved by Administrative Order NSL-1194; however, it was necessary to move the locations because of various surface obstacles.

1200' FSL and 1300' FWL

19-18-38

Amended Location

#### Original Location

Sec. 19, Well No. 142 Unit Letter M 1300' FSL and 1300' FWL Lea County, New Mexico

Sec. 28, Well No. 422 Unit Letter H 2288' FNL and 247' FEL Lea County, New Mexico

Sec. 32, Well No. 212 Unit Letter C 1120' FNL and 1370' FWL Lea County, New Mexico

Sec. 33, Well No. 322 Unit Letter G 1435' and 1670' FEL Lea County, New Mexico 2288' FNL and 407' FEL 28-18<sup>-38</sup>

Sec. 32, Well No. 222 Unit Letter F 1720' FNL and 1370' FWL 32-18-35

1385' FNL and 1820' FEL

33-18-38

Reason for Change

Moved 100' south to accomodate stock pile and fence problems.

Moved 160' west; trailer house moved onto original site.

Moved 600' south; original site would interfere with daily operations of Sonny's Oil Field Service.

Moved 50' north and 150' west; original site interferred with a school playground.

Please advise if additional information is required.

Yours very truly,

+ tall A. J. Fore

Supervisor - Regulatory and Permitting Mid-Continent Division

RML/b1

cc: New Mexico Oil Conservation Commission - Hobbs, NM

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P.O. Box 991 Houston, Texas 77001

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P.O. Box 991 Houston, Texas 77001

April 29, 1980

New Mexico Energy and Minerals Department Oil Conservation Division ATTN Mr. Joe D. Ramey, Director P. O. Box 2088 Santa Fe, NM 87501

SUBJECT: DEVELOPMENT PLAN REVISION NORTH HOBBS (G-SA) UNIT PRESSURE MAINTENANCE PROJECT HOBBS (G-SA) FIELD LEA COUNTY, NEW MEXICO

### Gentlemen:

We have attached a revised tabulation of those wells we propose to drill for injection and to convert to injection along with a plat showing their location. We have also attached well schematics and logs for those well conversions not previously presented to the Oil Conservation Commission in October 1979. These changes are proposed:

- because of ongoing discussions with Amoco intended to develop a line agreement compatible with development of both units
- 2) to implement an agreement with Moranco and
- to improve the recovery efficiency of the North Hobbs (G-SA) Unit Pressure Maintenance Project.

We are requesting administrative approval of these changes.

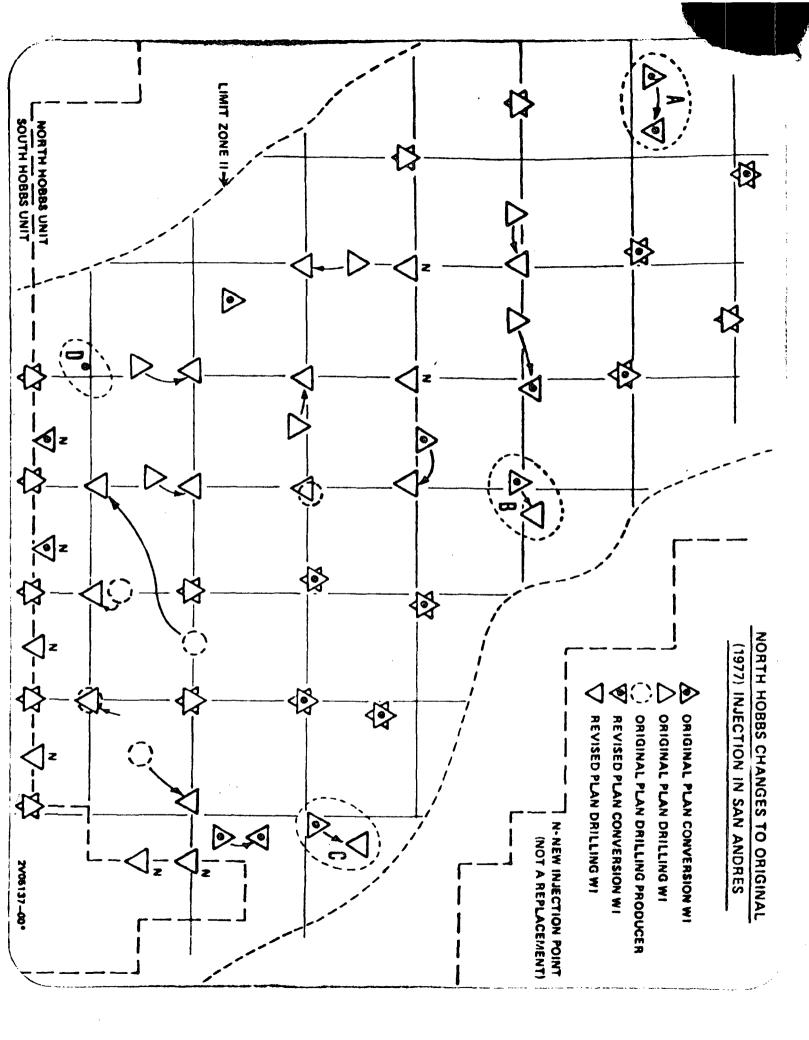
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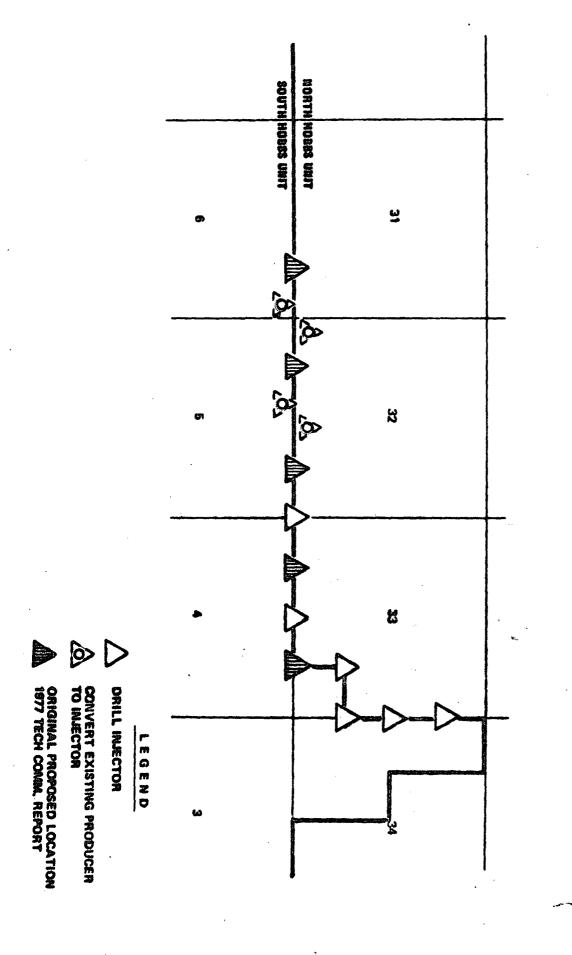
W. W. Dover Division Production Manager Mid-Continent Division

RWP:glw

Attachments

cc - Jerry Sexton Supervisor, District I Hobbs, NM





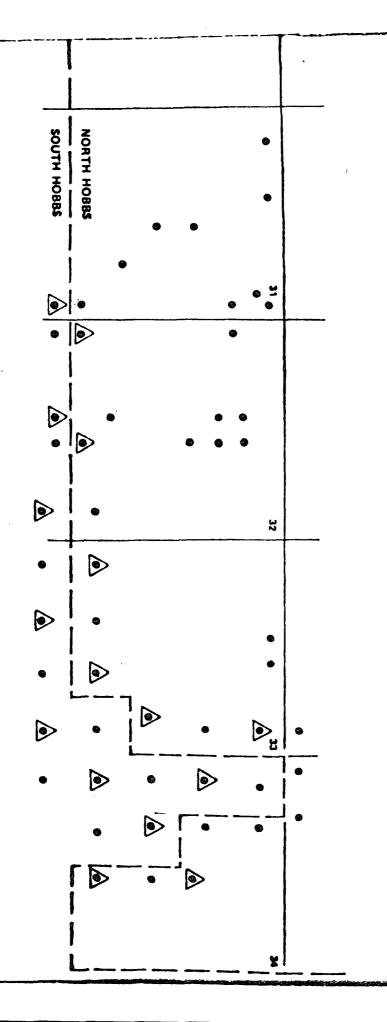
PROPOSED LOCATION LINE INJECTORS BETWEEN NORTH & SOUTH HOBBS GRAYBURG-SAN ANDRES UNITS

a .....



- SONE II PRODUCERS
- CONVERT PRODUCER TO INJECTOR

LEGEND



POSSIBLE INJECTION WELL CONFIGURATION BETWEEN NORTH & SOUTH HOBBS UNITS e

### SHELL ET AL NORTH HOBBS (G-SA) UNIT PROPOSED CONVERSIONS TO INJECTION

# TOWNSHIP 18 SOUTH, RANGE 37 EAST, NMPM

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	TOWNSHIP	18 SOUTH, RANGE	38 EAST, NMPM
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Section	Well No.	Letter	Former Well Name and No.
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28	221	F	Atlantic Grimes SOC #2-Y
28	231	К	Shell Grimes #3
28	441	P	Conoco Grimes #2
29	331	J	Conoco State A-29 #1
29	411	Α	Exxon Grimes #1
30	141	M	Marathon State 30 #9
31	121	E	Sun Fowler #4
31	141	М	Mobil Berry #4
31	311	В	Cities Service Fowler #2
32	141	M	Gulf Grimes NCT A-2 #5
32	341	0	Marathon State 32 #5

# AVAILABLE LOGS FOR PROPOSED INJECTORS NOT PREVIOUSLY PRESENTED:

and the second second

Amerada Hardin #3 Gulf Graham State NCT-A #4 Gulf Grimes NCT A-2 #5 Marathon State 32 #5 Shell McKinley "A" #10 Shell Rice #4

UNAVAILABLE LOGS:

Continental Grimes #2

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REMAR	axs: Cmtd	. 5 1/2'	" liner	in 1957			1		C	ORE 🗍	OTHER	•
			-							D	ATE:12/	79 KLL

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WR-315	18 D				· · · · · · · · · · · ·	3. s 7.9 ss						
COMF RECC	PLETION DATE	$\frac{10-30}{8/54}$	) 1	SECTION Mara Nort	32 - UN athon St th Hobbs	IT WELL ate 32 (G-SA)	NO. 34 No. 5 Unit	] _ сом	PLETIO	N INTERN/	AL: 4200	)-30'(SA)
	ATION33(							32-0		BLOC	К	
1	VEYI											
	UM	. 1	1 61	FIEV.	3627'	TD	4236	1	PBTD	4234	<u>'</u> [	
	UM	 T		UNG RECO						OGGING R		
		SIZE	wt.	DEPTH	CMT.	то <b>с</b>	HOLE	DATE	co.	TYPE	1	NTERVAL
		16"	65.3#	221'	250 sx	Circ*	8"**					
Im		•	40#	2750'	1		2-1/4"	U				•
		7"	24#	392 <b>5'</b>			8-3/4"	<u></u>				
		5"	15#	4235'	120 sx	2535*	6-1/4"	*				
	16-		<u> </u>	<u> </u> !	<u> </u>	L						"
	<u>e 221'</u>		LOG TO	IP <b>S</b>	P	ERFORA	TIONS AN	D/OR O	PEN HC	DLE * NO	T OPEN N	IOW
		ZONE	тор	SUBSEA	DATE	ZONE		C	DEPTHS		, DE	NS & SIZE
		T.Salt	1630'		8-54	4 SA 11	IL 4200-					
	9-5/8"	B.Salt	2530'+		-1		*3925-				ОН	
	2750'	Bowers	3143'	·								
		Byers	3540'									
- 11		G	3887 -	1		<u> </u>						
		SAI	3992 -			<u> </u>			•		•	
		SAII	4047 -					SOUEEZ				
		SAIIIU	4110 -		DATE	DEPTH	·		W(	ORK DONE		
		SAIII	4198 -	562	_							
	$\frac{7}{1000}$	<b>└───</b> ┤		ļ		<b>_</b>			· ·			
	€ <sup>3925'</sup>	<u>                                      </u>	!	ļ								
			!	<b> </b>								
		GOC		ļ		_ <b>_</b>						
		owc	<u> </u>	<u> </u>	<u> </u>		<u> </u>					
	·	l				STIMU	JLATION					
1		DATE	ZONE	L	IOUNT & TI	YPE	<u> </u>	MET	нор		BEFORE	AFTER
1		10-65	SA III2	2000g.	15% Uni	sol	AT 4	200-30	1			53B0,20
		·										
											•	<u> </u>
	SA IIIL			· · · · · · · · · · · · · · · · · · ·					<u> </u>			ļ
	±4200-30'	·		<u></u>								<b>_</b>
	₹	<u> </u>		; <del></del>			_					· · ·
	5 ~				•							· · · · ·
	12251								<u> </u>			
 ⊤	4235' 4236'										·····	
			~						0		PVT	
OPT	1092 ROAD	+ 0 RMb					DATA A	VAILA	BLE C		OTHE	
REMA	RKS: Insta	alled pur	mp 1/68.	<ul> <li>Pumpe</li> </ul>	ed 66 BO	+ 126	BW					•
	•					<u> </u>						

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DATE: 12/79 KLL

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ND 3100 B					•				PAGE 1	of	2			
VR-3198 B			SECTION	19 - UN	IT WELL	NU. 43	1			- <u></u>				
COMPLETION DAT	7-6-	68				NO. 10			NINTERN	4	197-	423	8(SA	
							CUM T	PLEIIU	niniera	AL:				
RECOMPLETION D				NUKIN NU	RTH HOBBS (G-SA) UNIT									
LOCATION 165	50' FSL	& 99 <b>0'</b>	FEL			SECTION	191	•	BLO	C K				
SURVEY	8-S, R-	38-E	<u> </u>	COUNTY Lea County, N.M.										
2663		F.) G.L	. ELEV					 • Benorti	4251	<b>.</b> :				
DATUM		1. <b>J. U.L</b>	. ELEV,	<u></u>		1200	• * • •	_ [91]					·	
		CAS	SING RECO	0RD °C. 54	ALCULAT			L	OGGING	REC	ORD	1917: I		
	SIZE	wт.	DEPTH	CMT,	TOC	HOLE	DATE	co.	TYPE	:	1	NTER	VAL	
		" 26.4#			<u>Circ.</u>	12 1/4"								
	4 1/2	"10.5#	4285	435 sx	·	7 7/8"	-: -		· · · · · · · · · · · · · · · · · · ·			• • •		
				÷	·			ŀ				•		
		1		· .							<u> </u>		•	
			. ·				- 1 - 1N							
		LOG TO	DPS	P	ERFORA	TIONS AN	0/08 0	PEN H	DLE . NO		PENN	IOW:	7, <b>2</b>	
			1	DATE	1 70115	1					05		SIZE	
	. ZONE	то <del>р</del> 4022	SUBSEA - 359		68 SA-				4227,42					
7 7/0		4022	+		00 JA	4238	the second s	4203,	4227,42		┟─└─	1/2	USFI	
7.7/8.			- 453				<u></u>	4003	A007 A/		<u> </u>			
@_ <u>277'</u>	SA II SA III	<u>4192</u> 4261	- 529 - 598	6- 3-	<u>/3 SA 1</u>	I *4209 4238	,4216,	4221,	4227,40	231,	<b> </b>			
	SA 11	4201	- 330	6 6	73 SA I		4180	118	Λ					
			<u> </u>								<b> </b>			
			<u> </u>	0-9-	73 SA I	1 4209	,4216,	4221,	4227,42	<u>231,</u> 238				
	<b> </b>		<u> </u>		6- 9-73 SA II 4209,4216,4221,4227,4231, SOUEEZE & REPAIR 4238 DATE DEPTH WORK DONE									
	<b> </b>		<u> </u>	DATE	1 4300								<u> </u>	
			ļ	5-31-	1 175	+ +	·····	·	x. cmt.	, 				
			ļ	6-5-	7 4238	<u>Sqz</u> -53 Sqz	'd_w/	<u>180 s</u>	x					
			ļ	7-23-	/ 4151	<u>-93 Sqz</u>	<u>d.</u> w/	50 SX	. cmt.	<u></u> .				
4151 52			<u> </u>	8-30-	/3 41/8	-85 Sqz	d.w/5	0  sx.	cmt.					
和151-53	Jamme Ja			<b></b>										
	owc		<u> </u>	1		1								
#4176-84	ł				STIMU	JLATION								
	DATE	ZONE	AM	OUNT & T	YPE	1	MET	HOD		BE	FORE	AF	FTER	
4178-85	7-4-68	SA	3000g 2	8% HC1		AT				1		135	_₿₽	
.	9-6-68	SA	2000g.			AT (1	for em	ulsio	n blk.)	184	BW	143		
≢ 4197-	6-72	SA	500g Pa	raClean		AT (1	for sk	in da	nage)	20	BO			
. } -+-		SA	1500g S			AT (2	227-4	238)	on blk.	1計	BD	49	BQ BQ	
I T.	8-72	SA	2000g.		RA-2	AT (f	for for	rmati	on blk.	<b>M</b>	BD	131	BÖ	
4231	6-4-73		1200g.		· · · · · · · · · · · · · · · · · · ·	AT -	8 sta	nes		51U 543		130-	- 5.8	
+ 4238	6-5-73			5% reg.		AT				<del>503</del>	-88	<b> </b>		
PBTD	6-9-73		250g 1			AT				1		32	BA	
4 1/2"	6-21-73	SA II	600g		·····	AT		·		t		22 25 91	BU	
@ 4285'	7-19-73	SA II	600g 1	5% NEA		AT (4	197-42	204)		· · ·		131	DA	
D 4286'	7-19-73	SA I	400g			·	151-53	•				58	BH	
ምፐ						DATA A			ST 🛛	L	PVT	<u>138</u>	DW	
						LEAIA A			ORE		OTHE			
EMARKS:														
												r <del>-111</del> -		
					······			·····		DATE	E: 17	19	NLL	

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WR-3198 B									PAGE 2	of 2	······
			SECTION	- 19 - UI	VIT WEL	L NO. 4	131				
COMPLETION DA			SHEL	L MCKIN	$\underline{EY} A^{n}$	NU. IL	COM	PLETIO	NINTERN	AL:	
RECOMPLETION	DATE		NUI								
LOCATION		•			\$	ECTION.		<b>.</b>	BLOC	К	
SURVEY						OUNTY_				<u></u>	
DATUM	1	1 G.L.	ELEV	· · •	TD	1. <u>1. 1</u> . 1.		PBTD			
	·	• .	ING RECO		· · · · · ·		-				
	SIZE	wr.	DEPTH	смт.	TOC	HOLE SIZE	DATE		TYPE		NTERVAL
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			PS (	╢							IOW
	. ZONE	TOP	SUBSEA	DATE	1	T 1107				DE	NS & SIZE
				7-13-73	SA I		, 4155 , 4152				
		· · ·	{	8-28-73			, 4184		and the second se		
@		<u> </u>		8-29-73	SA I		, 4179				
				9- 1-73	SA I	[ 4197					
		· · ·		<b> </b>	<u> </u>				7, 4231	, 4238	
				DATE	DEPTH	-1	SQUEEZ		PAIR ORK DONE		
				DATE	Derin				JAK DONE		
				{	{	+				<u></u>	
		- <u></u> .		<b> </b>	[	1					
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	GOC					1					
	owc			U	<u> </u>	1					
					STIMU	LATION					
	DATE	ZONE		DUNT & TY	ЪЕ	1	MET			BEFORE	AFTER
	8-29-73		1000g 1! 3000g 1!				78-85				70 P0
		JA 11	3000y 1:	5% NEA		AI -	l6 stag	jes			39. BQ
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OPT		· .				DATA A	VAILA	BLE D		PVT	
REMARKS:					<u> </u>	1		- <u>C</u>		OTHE	
			****								
									1	DATE:	

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WR	-3198 B		· · · · · · · · · · · · · · · · · · ·			·	****	T- 100 - 7	····					
		TION DATE	7_27_	57	SECTION SHFI	N 13 - U 1 RTCF	NII WEL NO 4	L NO. 3	31		_	3948-	4084	(G)
C	OMPLET	FION DATE							_ COM	PLETIC	IN INTERN	AL:		<u> </u>
		LETION DATE												
L	OCATI	ON	FSL &	198 <b>0'</b> F	EL		8	ECTION_	13 J		BLOC	K		
s	URVE	<u> </u>	-S, R-3	7-E			COUNTYLEA COUNTY, N.M					·		
۵	ATUM	3678	<u> </u>	] G.L.	ELEV		TD_	4243'		. PBT	<b>d</b> 4090	[	Cmt.r	etj
				CAS	ING RECO		LCULAT			L	OGGING I	RECORD	la di seconda di second	
			SIZE	wт.	DEPTH	CMT.	TOC	HOLE	DATE	co.	TYPE		NTERVA	L
-			8 5/8"	32#	318	300 sx	Circ	12-1/4"						
		Π	5 1/2"	15.5#	4243	1300 sx		7-7/8"						
										÷.				
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				L							elys y swi			
	LOG TOPS PERFORATIONS AND/OR OPEN HOLE * NOT OPEN NOW													
ZONE TOP SUBSEA DATE ZONE DEPTHS													NS & S12	ZE
			G	3949	- 270	7-20-	57 G	*4095	-97,	4064	-84			
		8 5/8.		4106	- 427	11-22-					62, 3968	3- 13	3/8" J	S
A		<u>@ 318'</u>				1	1	70,	3983-8	5				
		@	SAII	4184	- 505			3990	-93, 4	015-	17, 4027	7-29 2 3	3/8" J	S
								•						
								S	GUEEZ	E& R	EPAIR			
						DATE	DEPTH			٧	VORK DON	E		
						<u> </u>	57 4095	-97 Cm	t. ret	. se	t@4090	)		
						11-22-	63 4064	-84 CII	3P set	0 40	052' w/1	/2 sk.c	mt to	40
						_								
	111	Ë 3948-												<u> </u>
	11.11	3948- 4029	GOC											
			owc				1							
	t turn	4064- 4084					STIM	JLATION				<b>.</b>		
			DATE	ZONE		IOUNT & T				THOD		BEFORE	AFTE	R
	$\geq \leq$	PBTD @ · 4090'	7-22-57				<u>&lt; 15 FR</u>	AQ @ 17.	.6 BPM	avg.		[	56 B( 0 B)	
			2-11-59		1000g.15			AT				10 BO	31 B	
	Ŧ	∃ 4095- 97	1- 9-60		1000g 15	% MEL % MCA w			20 x	20 55		4 BO	22 B(	
		. 97	3-27-75	1	-	% Dolati		AT	20 X			1 BO TA'd	3 B( 26 B( 72 B) 12 B)	3-1
			1-20-76		L		·····					10 BO 5 BW	172 B 12 B	4-1
				<u> </u>	5500g 15	% HC1-NE	.A	AT				5 BW 5	12 BI	*
						······		-						
		5 1/2" @ 4243'		·									1	
	· · · · ·	▶ ļ			· · · · · · · · · · · · · · · · · · · ·		<u></u>					· .	ļ	
TE	4243											l	<u> </u>	
OP	_							DATA A		BLE		PVT OTHE		
RE	MARK	s: 2/64"				& push	ed to I	otm. @ 4	090'					$\neg$
		Z D'AT	-27-67;	reopene	ed 3/75							31	'80	
												DATE: 2	780 KL	L

MR.3198			<u> </u>	CEOTION.			NO 44	1				<u></u>	
COMPLETION DATE					28 - UNIT WELL NO. 441 TINENTAL GRIMES NO. 2			COMPLETION INTERNAL:			4015	5-4040(G	
RECON	PLETION DATE			NOR	TH HOBBS	(G-SA)	UNIT				4040	)-4220(S/	
	FION 660							28-P		BLOC	К		
	EYT-1												
	И												
			,CASI	NG RECO	RD *C/		ED AT		L	DGGING F	ECORD		
<u></u>		SIZE	wt.	DEPTH	CMT.		HOLE	1	co.	ТҮРЕ	IN	TERVAL	
		10-3/4"		243'		Circ.*	13-1/2"	*		······································			
		7-5/8" 5-1/2"		1634' 4015'	300 sx	185'* Circ.* (	9-5/8"*	<u> </u>					
		5-1/2	1/#	4015	300 5X	CITC."	5-1/4						
	10-3/4	11								- <u></u>			
1	243'	LOG TOPS			PERFORATIONS AN			D/OR OPEN HOLE * NOT O			T OPEN N	PEN NOW	
		ZONE	TOP	SUBSEA	DATE	ZONE		D	EPTHS		DEN	NS & SIZE	
		G	3947•		]	G		-4040'			ОН		
	7-5/8"		4040' 4110'			SA I		-4110'		<u> </u>	<u>OH</u> OH		
	e 1634'	II IIIu	4160'	· · · ·	-	SA II	4110- u 4160-	-4160'		<u></u>	OH		
4		1110	4100		1		4100	4220					
					· · · · · · · · ·	Lairmu		SQUEEZE & REPAIR					
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	5-1/2"		1		<u></u>								
<u> </u>	4015!	DATE ZONE AMOUNT & TYPE											
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TD 4	220'							<u>-</u>					
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