Form 3160-5 (August 1999)

(Instructions on reverse)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Oil-Car	FORM APPROVED OMB No. 1004-0135 Expires November 30, 2000
N.M. DIM	ic Serial No.
Artesia, NM	Mian Xione of Tribe Name 88210

Do not use th	is form for proposals to diell. Use Form 3160-3 (APE	rill or to re-enter a	_{an} 1301 W. 0 ^{sals.} Artesia,	Grand Avenue Tribe Name NM 88210
SUBMIT IN TRI	PLICATE - Other instru	ctions on revers	se side	7. If Unit or CA/Agreement, Name and/or No.
1. Type of Well			15 N 12 20 24 25 5	
☑ Oil Well ☐ Gas Well ☐	Other		1	8. Well Name and No. MABEL HALE FEDERAL #7
Name of Operator GREAT WESTERN DRILL	ING COMPANY	1	MEG MML	API Well No.
3a. Address P.O. BOX 1659 MIDLAND	TX 79702	3b. Phone No. 7 inc. (915)682-5241	lude area sedeVED RECEDENTESIA	30-015-26785 Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec 1,650' FNL & 1,750' FWL SEC 11; T-19-S; R-30-E UNIT F SE NW	c., T., R., M., or Survey Descriptio	on)	OCO - MILLE OF NOTICE DI	SHUGART POOL (YATES GRAYBU 11. County or Parish, State EDDY, NM
12. CHECK AP	PROPRIATE BOX(ES) TO) INDICATE NAT	URE OF NOTICE, RE	EPORT, OR OTHER DATA
TYPE OF SUBMISSION			TYPE OF ACTION	
☐ Notice of Intent	☐ Acidize ☐ Alter Casing	☐ Deepen ☐ Fracture Treat	Production (Start	t/ Resume)
X Subsequent Report	Casing Repair	New Construction		Other
☐ Final Abandonment Notice	☐ Change Plans☐ Convert to Injection	☐ Plug and Abando ☐ Plug Back	n ☐ Temporarily Aba ☐ Water Disposal	
THIS WELL WAS TA'D IN GREAT WESTERN DRILL EXTENSION FOR THE TE A MECHANICAL INTEGR PLEASE SEE ATTACHED WE RECENTLY ATTEMP #2 FOR RECOMPLETION	Y for final inspection.) SEPTEMBER 1994 WITH LING COMPANY WOULE EMPORARY ABANDONI ITY TEST WAS PERFOR CHART. TED A RECOMPLETION	H A CIBP SET @ D LIKE TO RESPONDED MENT STATUS OF THE MABEL BLE TO DETERM A LOCO THE MARKET THE	2,875' (50' ABOVE CECTFULLY REQUESOF THIS WELL. JARY 2, 2002. THIS HALE #3 AND ARE MINE THE UTILITY (1)	TOP PERF). ST ANOTHER ONE YEAR STEST WAS SUCCESSFUL. E EVALUATING THE MABEL HALE (IF ANY) AT MABEL HALE #7.
		Ene	11 2/2/20C	2.5
14. I hereby certify that the foregoi Name (Printed/Typed) GINA KING	ng is true and correct	Title PRC	DUCTION TECHNIC	CIAN
Signature Kins		Date 02/1	2/2002	
	THIS SPACE F	OR FEDERAL OR	STATE OFFICE USE	
Approved by	G. SG D.) JOE G. LA	RA	Title Potroleum En	15 Date 3/2//2009
Conditions of approval, if any, are a certify that the applicant holds legal which would entitle the applicant to o	ttached. Approval of this notice of equitable title to those rights in	does not warrant or	Office CFO	Jaljacez
Title 18 U.S.C. Section 1001, makes fraudulent statements or representation	it a crime for any person knowing ons as to any matter within its juris	gly and willfully to ma sdiction	ke to any department or ager	ency of the United States any false, fictitious or

Form 3160-5 (June 1990)

Final Abandonment Notice

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division 811 S. 1st Street Artesia, NM 88210-2834 Expires: March 31, 1993

FORM APPROVED Budget Bureau No. 1004-0135

5. Lease Designation and Serial No. NM-0560353

Non-Routine Fracturing Water Shut-Off

Conversion to Injection

Dispose Water (Note: Report results of multiple com Completion or Recompletion Report

Do not use	this form for proposals to dri	Il or to deepen or reentry to a different reservoir. OR PERMIT-" for such proposals	6. If Indian, Allottee or Tribe Name
	SUBMIT	IN TRIPLICATE	7. If Unit or CA, Agreement Designation
1. Type of Well Oil Well 2. Name of Ope	Gas Well Other	0.750	8. Well Name and No. MABEL HALE FEDERAL #7
GREAT W	/ESTERN DRILLING COMPANY Telephone No.	CO APIESIA 5	9. API Well No. 30-15-26785
P.O. BOX	1659 MIDLAND, TX 79702 (915	0) 682-5241	10. Field and Pool, or Exploratory Area
	Well (Footage, Sec., T., R., M., or Survey De L & 1,750' FWL	scription)	SHUGART POOL (YATES-Q GRAYBURG)
	11, T-19-S, R-30-E	000133	11. County or Parish, State EDDY, NM
12. (CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, O	R OTHER DATA
	TYPE OF SUBMISSION	TYPE OF ACTION	
	Notice of Intent	Abandonment	Change of Plans
		Recompletion	New Construction
	Subsequent Report	Plunging Back	Non-Routine Fracturing

Plugging Back

Casing Repair

Altering Casing

Other TEMP. ABANDONMENT

THE REASON FOR THE TEMPORARY ABANDONMENT IS THAT WATERFLOOD IN THE SHUGART YATES / SEVEN RIVERS / QUEEN HAS BEEN VERY SUCCESSFUL AND THE #7 WELL WILL LIKELY BE CONVERTED AND USED FOR INJECTION SUPPORT IN THE FUTURE SECONDARY OPERATIONS.

THE WELL WAS TA'd IN SEPTEMBER 1994 WITH A CIBP SET @ 2,875' (50' ABOVE TOP PERF). THE CASING WAS TESTED TO 500 PSI FOR 30".

GREAT WESTERN DRILLING COMPANY WOULD LIKE TO RESPECTFULLY REQUEST ANOTHER ONE YEAR EXTENSION FOR THE TEMPORARY ABANDONMENT STATUS OF THIS WELL.

11-4-99 A MECHANICAL INTEGRITY TEST WAS PERFORMED ON 11/4/99. THIS TEST WAS SUCCESSFUL. PLEASE SEE ATTACHED CHART.

TA Approved For 12 Month Period
Ending 1/4/2000

14. I hereb) County that the foregoing is true and correct Signed	Title	PRODUCTION TECHNICIAN	112	Date	11/12/99
(This space for Federales State (Income) Approved by Conditions of approval, if any:	Title	Petrolaum Encircar		Date	12/6/99

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

^{13.} Describe Proposed or Completed Operations (Clearly state all pertinet details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markders and zones pertinent to this work.)*

N. M. Oil Cons. Division

Form 3160-5 (June 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

811 S. 1ST ST. ARTESIA, NM 88210-2834

FORM APPROVED

Budget Bure	eau No.	. 1004-0135
Expires:	March	31, 1993

Expires:				
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DDV NOTICES AND PEDODTS ON WELLS	R	C	ATT ACCOUNT
NRY NICTICES AND REDORTS ON MEI I S		 	

	MEUE!VE	- NM-0560353
	AND REPORTS ON WELLS	6. If Indian, Allottee or Tribe Name
Do not use this form for proposals to dri	ll or to deepen or reentry to a different peservoir.	3: 0 2
Use "APPLICATION FO	R PERMIT-" for such proposals 111 321 23 P	3 02
	RHOTAL OF LAW	7. If Unit or CA, Agreement Designation
SUBMIT	IN TRIPLICATE SUREAU OF LAND	MGMT.
1. Type of Well	2A 25 26 273	XICO
Oil Gas	12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	8. Well Name and No.
Well Well Other 2. Name of Operator		MABEL HALE FEDERAL #7
GREAT WESTERN DRILLING COMPANY	SEP 100 33	
3. Address and Telephone No.	Dra long	9. API Well No. 30-15-26785
P.O. BOX 1659 MIDLAND, TX 79702 (915	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or Survey Des	ecription) \Z ARTESIA W	SHUGART POOL (YATES-Q GRAYBURG)
1,650' FNL & 1,750' FWL	\\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	11. County or Parish, State
SECTION 11, T-19-S, R-30-E	N. B. O. V. S.	11. County or Parish, State
UNIT F SE NW	scription) FIRESIA WARTESIA WARTESIA	EDDY, NM
12. CHECK APPROPRIATE BOX(s	TO INDICATE NATURE OF NOTICE, REPORT, O	R OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTION	
Notice of Intent	Abandonment	Change of Plans
	Recompletion	New Construction
Subsequent Report	Plugging Back	☐ Non-Routine Fracturing
	Casing Repair	Water Shut-Off
Final Abandonment Notice	Altering Casing	Conversion to Injection
	Other TEMP. ABANDONMENT	Dispose Water
		(Note: Report results of multiple completion on Well
		Completion or Recompletion Report and Log form.)
 Describe Proposed or Completed Operations (Clearly st directionally drilled, give subsurface locations and meas 	ate all pertinet details, and give pertinent dates, including estimated date ured and true vertical depths for all markders and zones pertinent to this v	of starting any proposed work. If well is work.)*
	NDONMENT IS THAT WATERFLOOD IN THE SHUGAR	
QUEEN HAS BEEN VERY SUCCESSFUL A	ND THE #7 WELL WILL LIKELY BE CONVERTED AND I	USED FOR INJECTION
SUPPORT IN THE FUTURE SECONDARY (PERATIONS.	
THE MELL MAS TAIL IN SEPTEMBED 100	WITH A CIBP SET @ 2,875' (50' ABOVE TOP PERF).	THE CASING WAS TESTED TO
500 PSI FOR 30".	WITH A CIBP SET @ 2,875 (SU ABOVE TOP PERF).	THE CASING WAS TESTED TO
300 1 311 311 31		
GREAT WESTERN DRILLING COMPANY W	OULD LIKE TO RESPECTFULLY REQUEST ANOTHER	ONE YEAR EXTENSION FOR
THE TEMPORARY ABANDONMENT STATE	JS OF THIS WELL.	
	/	<u> </u>
	nrhifn	
	11-1111-11	<u> </u>
	ULIVILI	

PRODUCTION TECHNICIAN Date 09/13/99 (This space for Federal or State office ase) PETROLEUM ENGINEER (ORIG. SGD. DAVID R. GLASS SEP 2 2 1999 Approved by UMIU. Conditions of approval, if any

Title 18 U.S.C. and both Markes in a chine for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Form 3160-5 (June 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED Budget Bureau No. 1004-0135 Expires: March 31, 1993

5. Lease Designation and Serial No.

RECEIVE SHADEY POTICES	AND DEPORTS ON WE		NM-0560353
Do not use that form for proposals to dr Use "ARPAICATION FO	ill or to deepen or reentry	S C C C C C C C C C C C C C C C C C C C	If Indian, Allottee or Tribe Name
Use "ARPLICATION FO	R PERMIT—" for such pro	posals	
Do not use this form for proposals to dr 1997 HA USE "ARPLICATION FO BUREAU OF CAURCE AREA SUBMIT 1. Type Albert Gas Well Gas Well Other	IN TRIPLICATE	MAY 2 3 1997	7. If Unit or CA, Agreement Designation
1. Typog Will Gas		DIL CON. DI	7
Well Gas Other 2. Name of Operator		DIST. 2	NAC Well Name and No. MABEL HALE FEDERAL #7
GREAT WESTERN DRILLING CO	MPANY	ENDI . C	FEDERAL #7
3. Address and Telephone No.			30-15-26785
P.O. BOX 1659 MIDLAND,			10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or Survey D 1650 FNL & 1750 FWL, SE		-30-E.	SHUGART POOL (YATES- 11. County or Parish, State Q-GRAYBUF
(Unit F) (SE NW)	10. 11, 1 17 5, n	30 2 ,	
			EDDY, NM
12. CHECK APPROPRIATE BOX(s) TO INDICATE NATUR	E OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
Notice of Intent	Abandonment		Change of Plans
	Recompletion	•	New Construction
Subsequent Report	Plugging Back		Non-Routine Fracturing
Final Abandonment Notice	Casing Repair Altering Casin	nø	Water Shut-Off Conversion to Injection
1 mar Adalasoninen Avoice	Other TE	MP. ABANDONMENT	Dispose Water
			(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
13. Describe Proposed or Completed Operations (Clearly state a give subsurface locations and measured and true vertice)	cal depths for all markers and zones per	tinent to this work.)*	,
The reason for the tempor Shugart Yates / Seven Riv #7 well will likely be co future secondary operation	vers/ Queen has b onverted and used	een very succes	ssful and the
The well was TA'd in Septop perf). The casing was	tember 1994 with as tested to 500	a CIBP set @ 2, psi for 30".	,875' (50' above
Great Western Drilling we year extension for the to	emporary abandonm	ient status of t	this well.
	APPROVE ENDING	MAY 20 1998	TH PERIOD
14. I hereby to tify that the foregoing is true and correct	· 		
Signed Signed Signed	Title Gina Howa	ard, Production	Tech_May 13, 1997
This space for Federal or State office use) ORIG. SGD.) DAVID R. C	LASS PETRO	LEUM ENGINEER	Date MAY 2 0 1997
Approved by Conditions of approval, if any:	Title		Date In LU 1331

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~	811 S. 1st	<u> </u>
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•∴ BUREAU OF I	LAND MANAGEMENT RECEIVED	5. Lease Designation and Serial No.
\ \ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\		NM - 0560353
Do not use this form for proposals to dr	AND REPORTS ON WELLS III AM B ill or to deepen or reentry to a different reservoir. R PERMIT—" for such proposals	6. If Indian, Allottee or Tribe Name
	IN TRIPLICATE	7. If Unit or CA, Agreement Designation
I. Type of Well Oil Gas	and the second s	8. Well Name and No.
V Well Gas Well Other 2. Name of Operator		MABEL HALE FEDERAL#7
GREAT WESTERN DRILLING	COMPANY	9. API Well No.
3. Address and Telephone No.		30-15-26785
P.O. BOX 1659 MIDLAND,	TEXAS 79702	10. Field and Pool, or Exploratory Area
P.O. BOX 1659 MIDLAND, 4. Location of Well (Footage, Sec., T., R., M., or Survey D		SHUGART POOL (YATES-SR
1,650' FNL & 1,750' FWL (Unit F) (SE NW)	, SEC. 11, T-19-S, R-30-E,	11. County or Parish, State Q-GRAYBURG
		EDDY, NM
12. CHECK APPROPRIATE BOX	s) TO INDICATE NATURE OF NOTICE, REPO	RT, OR OTHER DATA
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Notice of Intent	Abandonment	Change of Plans
	Recompletion	New Construction
Subsequent Report	Plugging Back	Non-Routine Fracturing
	Casing Repair	Water Shut-Off
Final Abandonment Notice	Altering Casing Other TEMP. ABANDONMENT	Conversion to Injection
	Other Thirt Name of the Control of t	Dispose Water (Note: Report results of multiple completion on Well
12. Describe Personal or Completed Operations (Clearly state a	Il pertinent details, and give pertinent dates, including estimated date of startin	Completion or Recompletion Report and Log form.)
	an pertinent decaus, and give pertinent dates, including estimated date of starting call depths for all markers and zones pertinent to this work.)*	g any proposed work. If well is directionally drilled,
THE REASON FOR THE TEMP	ORARY ABANDONMENT IS THAT WATER	RFLOODING IN THE
	RIVERS'/ QUEEN HAS BEEN VERY SUC	CESSFUL AND THE
	CONVERTED AND USED FOR INJECTIO	N SUPPORT IN THE
FUTURE SECONDARY OPERAT		
	EPTEMBER 1994 WITH A CIBP SET @ WAS TESTED TO 500 PSI FOR 30".	2,875' (50' ABOVE
	WOULD LIKE TO RESPECTFULLY REQU TEMPORARY ABANDONMENT STATUS OF	
	TARPPRODUCE SELECTION OF SELECT	VIII P erioo
	ENDING 5/16/97	
	, ,	
14. I hereby certify that the foregoing is true and correct		
signed malour	Title GINA HOWARD, PROD TECH	Date MAY 15, 1996

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(This space for Federal or State office use)

Approved by (ORIG SCO) 158 (1997) Conditions of approval, if any:

03.		NM OIL CONS COMMISSION SF	/
ENE		Drawer DD Artesia, NM 88210 FORM APPROVED	
Form 31605 UNIT June 1990) MY DEPARTMEN'	TED STATES TOF THE INTERIOR	Dudget Dureen Ma 1004 0125	
June 1990) All DEPARTMEN	1 Of The hitelact	ECENED 5. Lease Designation and Serial No.	
9 10	10g m	NM-0560353	
Do not use this form for proposals to dri	AND REPORTS ON WELLS (40) (1) (I) or to deepen or reentry to a different re	Servoir.	
Use "APPLICATION FOR	PERMIT—" for such proposals		
	IN TRIPLICATE	7. If Unit or CA, Agreement Designation	
1. Type of Well Oil Gas Well Well Other	V	8. Well Name and No.	
XX Well Well Other 2. Name of Operator		Mabel Hale Federal N	о.
Great Western Drilling C	ompany	9. API Well No.	
3. Address and Telephone No.	T 70702	30-15-26785	
P.O. BOX 1659, Midland, 4. Location of Well (Footage, Sec., T., R., M., or Survey De		10. Field and Pool, or Exploratory Area	D
	Sec. 11, T-19-S, R-30-E,	Shugart Pool (Yates-S 11. County or Parish, State Q-Graybu	ro
(Unit F) (SE NW)	Sec. 11, 1-17 b, R 90 H,		- 6
(OHILL F) (SE RW)		Eddy, NM	
12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE	, REPORT, OR OTHER DATA	
TYPE OF SUBMISSION	TYPE OF	ACTION	
Notice of Intent	Abandonment	Change of Plans	
€7.5P	Recompletion	New Construction	
XX Subsequent Report	Plugging Back Casing Repair	☐ Non-Routine Fracturing ☐ Water Shut-Off	
Final Abandonment Notice	Altering Casing	Conversion to Injection	
	XX Other Temp Aband.	Dispose Water	
		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	
13. Describe Proposed or Completed Operations (Clearly state al	pertinent details, and give pertinent dates, including estimated dal depths for all markers and zones pertinent to this work.)*	ate of starting any proposed work. If well is directionally drilled,	
The reason for the tempora	arty abandonment is that w	aterflooding in the essful, and the #7 well port in the future secondar	: y
9/14/95 Pulled producing			
9/15/95) Set CIBP @ 2,875 500 psi & tested test. Displaced equipment & T/A'	' (50' above top perf). P csg for 30 minutes. Dunc hole with corrosion inhib d well.	ressured up casing to an Witlock w/BLM witnessed ited fluid. Laid down	
	· ·	MONTH PERIOD	
•	ENDING	15/95	
			:
14. I hereby certify that the foregoing is true and correct Signed MO O O O	Title Production Tech.	May 8, 1995	
(This space for Federal or State office use) Approved by (ORIG. SGD.) JOE G. I	ARA Tide PETROLEUM EN	GINEER Pate 6/12/95	
Conditions of approval, if any:		- the second	

Water Shut-Off

Dispose Water

Conversion to Injection

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

NM OIL CONS COMMISSION Drawer DD FORM APPROVED UNITED STATES Form 3160-5 Artesia, NMV 88810 Budget Bureau No. 1004-0135 (June 1990) DEPARTMENT OF THE INTERIOR Expires: March 31, 1993 BUREAU OF LAND MANAGEMENT 5. Lease Designation and Serial No. NM-0560353 SUNDRY NOTICES AND REPORTS ON WELLS CEVED 52

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. 6. If Indian, Allottee or Tribe Name Use "APPLICATION FOR PERMIT—" for such proposals SEP 26:94 7. If Unit or CA, Agreement Designation SUBMIT IN TRIPLICATE O. C. D. 1. Type of Well Oil Well ARTESIA, OFFICE 8. Well Name and No. 2. Name of Operator Mabel Hale Federal No7 9. API Well No. Great Western Drilling Company 3. Address and Telephone No. Phone (915) 682-30 015 26785 10. Field and Pool, or Exploratory Area P.O. BOX 1659, Midland, Texas 79702 5241 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Shugart Pool(Yates-SR-11. County or Parish, State O-Grayburc 1,650' FNL & 1,750' FWL, Sec. 11, T-19-S, R-30-E, (Unit F) (SE NW) Eddy, NM CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION Notice of Intent Change of Plans Abandonment Recompletion **New Construction** Subsequent Report Plugging Back Non-Routine Fracturing

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Casing Repair

Altering Casing

Other Temporary Abandon

The reason for the temporary abandonment is that waterflooding in the Shugart Yates/Seven Rivers/Queen has been very sucessful, and the #7 well will likely be converted and used for injection support in future secondary operations.

Procedure for T/A of well:

☐ Final Abandonment Notice

1. Pull producing equipment.

2. Set cast iron bridge plug @ 2,875' (50' above top perf).

3. Pressure test bridge plug and casing to 500 psi for 30 minutes. Notify BLM 24 hrs. prior to testing.

4. Displace hole with corrosion inhibited fluid.

5. Lay down equipment and T/A well.

To be completed by September 15, 1994.

14. I hereby/certify that the foregoing is true and correct Signed WO DOO'S	Title .	Production Tech	Date _	August 23, 1994
(This space for Federal or State office use) Approved by (ORIG. SGD.) INE G. LAPA Conditions of approval, if any: See attached.	Title .	PETROLEUM ENGINEER	Date _	9/22/94

BUREAU OF LAND MANAGEMENT CARLSBAD RESOURCE AREA

Temporary Abandonment of Wells on Federal Lands

Conditions of Approval

According to 43 CFR 3162.3-4-c, " No well may be temporarily abandoned for more than 30 days without the prior approval of the authorized officer".

Temporary Abandonment (TA) status approval requires a successful casing integrity test as follows:

- Contact the appropriate BLM office at least 24 hours prior to the scheduled Casing Integrity Test. For wells in Eddy County call (505) 887-6544; for wells in Lea County call (505) 393-3612.
- 2. A bridge plug or packer shall be set at a maximum of 50 feet above any open perforations or open hole.
- 3. All downhole production/injection equipment (tubing, rods, etc.) shall be removed from the casing if they are not isolated by a packer.
- 4. The production casing shall be filled with corrosion inhibited fluid and pressure tested to 500 psi. The casing shall be capable of holding this pressure for at least 30 minutes with a 10% allowable leak-off.

Wells that successfully pass the casing integrity test will be approved for Temporary Abandonment (TA) status for 12 months provided that the operator:

- 1. Submits a subsequent Sundry Notice requesting TA approval,
- 2. Attaches a clear copy or the original of the pressure test chart,
- 3. And attaches a detailed justification why the well should not be plugged and abandoned.

The TA status could be extended without another casing integrity test provided there was no leak-off during the test.

If the well does not pass the casing integrity test, then the operator shall within 30 days submit to BLM for approval one of the following:

- A procedure to repair the casing so that a TA approval can be granted.
- 2. A procedure to plug and abandon the well.

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Form 3160-4 (November 1983)		UNITED	STATES	j, garamita	n diffich	Budget Expire	ppioved. t Bureau No. 1004-0137 s August 31, 1985
(formerly 9-330)	·· DEPARTI	MENT O	F THE PINT		structic	ins on l	SIGNATION AND SERIAL NO.
	BURE	FAU OF LAN	D MANAGEMEN	4 a. NM '88	3210 reverse	side)	
						NM-056	ALLOTTEE OR TRIBE NAME
WEDL CO	MPLETION	DR RECON	apletion R	REPORT AI	ND LOG	*	
1a. TYPE OF MEL	U: OIL WELL	X GAS At	CONSECTION :	/\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	ECEIVED	7. UNIT AGRI	CEMENT NAME
b. TYPE OF COMI	PLETION:	그림	REST	tu N	CCCIVED		
WELL (EX)	WORK DEEP-	BACK [DIFF.	Othera 58A	Y - 8 100	S. FARM OR	LEASE NAME
2. NAME OF OPERAT		' ' '	3,00%	H I O CHAIR	, , ,	Mabel 9. WELL NO.	Hale Federal
Great West	em Drillin	g Company	<u>√</u>	(0.00	D. C. D.		
	659, Midlan	d. тх 79°	702	- = /	eass tabbil	· I II /	POOL OR WILDCAT
4. LOCATION OF WEI	L (Report location	clearly and in a	ecordance with any	y State requirem	ents) •		POOL) O-Grayburg
			Sec. 11, T-	-19-S, R-3	0-E	11. SEC., T., OR AREA	R., M., OH BLOCK AND BURYEY
(Unit F) (SE NW) erval reported belo-	w				ON AND	
At total depth	Same					Sec. 11.	T-19-S, R-30-E
At total deput	Danc		14. PERMIT NO.	APT DAT	TE ISSUED	12. COUNTY	
			#30 015 267			Eddy	N.M.
15. DATE SPUDDED	16. DATE TD. REA	CHED 17, DAT	E COMPL. (Ready to	!	LEVATIONS (DE	, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
12-14-91	12-22-91	E	valuating	1	399' RKB		3,387'
20. TOTAL DEPTH, MD	į.	BACK T.D., MD &	TVD 22. IF MUL. HOW M	TIPLE COMPL.,	23, INTER	ED BY	LS CABLE TOOLS
3,160'	,	,990'	POTTOM NAME (A	AND TYPE		→ 0-3,160'	25. WAS DIRECTIONAL
			'-60 holes)	<i>A</i> ,	CREPTED	FOR RECORD	SURVEY MADE
100 2,023	2,333 2	(30	00 11011011,	20000	Hoe	٦	No
26. TYPE ELECTRIC A					MAY	6 1992 1	27. WAS WELL CORED
Dual Later	colog, Micro	-SFL, Spe	ctral Densit	ty, Dual S	paced Ne	utron Log	No
29. CASING SIZE	WEIGHT, LB./FT		ING RECORD (Rep			FRANCINE XIC	
13-3/8"	48#	706'K		1/2"	710 Sxs.		Cmt. Circulated
8-5/8"	24#	1,900'	(ks "c", had to 1" Cmt
4-1/2"	10.50#	3,160'	KBM 7-7,	/8" 2	75 Sxs.	35-65 Poz"C"	+ 80 Sxs "C" T-Cmt.
				1	,120' Te	mp. Survey	
29.	L	INER RECORD		,	30.	TUBING REC	ORD
BIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (A	AD) PACKER SET (MD)
					_ 2-3/8"	<u>2,952'</u>	
31. PERFORATION REC (2-holes @ 3	ORD (Interval, size	and number)	G l	1 32.	ACID, SHOT,	FRACTURE, CEMEN	T SQUEEZE, ETC.
Ret. w/50 Sx	s,uuu , ket. ke "C" after	. broaking	Squeeze be.	DEPTH INTER	VAL (MD)	AMOUNT AND KI	ND OF MATERIAL USED
down $w/500 c$		_	TOTIMECTOR				
_	,	,		2 0251 0		2 000 1	15
Perfs: 2,925	5'-2,955 (30	'-60 hole	s)	$\frac{2,925'-2}{\sqrt{26.000}}$	1,955	3,000 gals.	15% NEFE acid-fraced L w/24,000# 20-40 &
33. Note: H	Evaluating		PROI	1397000#	12≌20°Mĕ	sh Sd 90	2 W/24/000# 20 10 d
DATE FIRST PRODUCT		TION METHOD (Flowing, gas lift, p		d type of pum		STATUS (Producing or
						8/1	41-17)
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR	OIL-BBL.	GASMC	F. WATER—BB	L. GAS-OIL RATIO
PLOW PURING PROPER	L CARLES PRESSURE						
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RAT	OILBBL.	GAS-MC	r. 	WATERRBL.	OIL GRAVITY-API (CORR.)
34. DISPOSITION OF G	AS (Sold, used for f	uel, vented, etc.				TEST WITNE	SSED BY
		- '					
35. LIST OF ATTACH				***			
	ys, Deviatio						
36. I hereby certify							
	18. Myss		nformation is comp	olete and correct sst. to Ge		-	records 04-30-92

	P	TRUE VERT. DEPTH	
GEOLOGIC MARKERS	TOP	MEAS. DEPTH	1,810' 1,990' 2,370' 2,905'
38. GEOL		NAME	B/Salt Yates Seven Rivers Queen
hion used, time tool open, flowing and shut-in pressures, and	DESCRIPTION, CONTENTS, ETC.		Sand, dolomite & anhydrite Dolomite and Sand Sand and Dolomite
erval tested, cus	BOTTOM		2,370' 2,905' 3,160'
cluding depth into	TOP		1,99012,3701
drill-stem, tests, including depth interval tested, cushion used, time recoveries):	FORMATION		Yates Seven Rivers Queen

WELL NAME AND NUMBER Mabe	1 Hale Federal No. 7	
LOCATION 1650' FNL & 1750'	FWL, Section 11, T19S, R30E, Ed	
OPERATOR Great Western Dri	lling Company	RECEIVED
DRILLING CONTRACTOR United	d Drilling, Inc.	MAY - 1 1992
The undersigned hereby of the drilling contractor ducted deviation tests and	y certifies that he is an author who drilled the above described obtained the following results: Degrees @ Depth	well and had con-
Degrees @ Depth	pegrees & Depth	Degrees @ Depth
1/2° 512'		
3/4° 1023'		
1° 1516'		
3/4° 1905'	·	
1/4° 2403'		*
3/4° 3022'		
	- Annual Control of the Control of t	
3/4 3160'		
	Drilling Contractor United D	rilling, Inc.
	By: locMi	Lills
	Title: Business	Manager
_	fore me this 26 day of 0	remlier,
19 <u><i>9</i>/</u> .	Karma J Notary Pr	ankersley ublic
My Commission Expires: \mathcal{G}	-25-95 County Sta	J. M.

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals SUBMIT IN TRIPLICATE 7. If Unit or CA, Agreement Designation Submit Gas Gas	une 1990) DEPARTMEN BUREAU OF I	RECEIVED TED STATES A CONSCIONAL ON MAY SHOW 1992 AND MANAGEMENT STATES OF C. D.	FORM APPROVED Budget Bureau No. 1004-0135 Expires: March 31, 1993 5. Lease Designation and Serial No. NM-0560353
Substitute Sub	Do not use this form for proposals to dri	Il or to deepen or reentry to a different reservoir.	
Name of Operand Name and No.	SUBMIT	IN TRIPLICATE	7. If Unit or CA, Agreement Designation
P.O. Box 1659, Midland, TX 79702, Pho. (915) 682-5241 Location of Well (Foogs, Sec. T. R. M. or Survey Description) Location of Well (Foogs, Sec. T. R. M. or Survey Description) Location of Well (Foogs, Sec. T. R. M. or Survey Description) Location of Well (Foogs, Sec. T. R. M. or Survey Description) Location of Well (Foogs, Sec. T. R. M. or Survey Description) Location of Well (Foogs, Sec. T. R. M. or Survey Description) Location of Well (Foogs, Sec. T. R. M. or Survey Description) Clarify (Sec. N.) CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF SUBMISSION New Construction New Const	X Oil Gas Well Other Name of Operator Great Western Drilling Company	/ · · · · · · · · · · · · · · · · · · ·	Mabel Hale Federal, No. 7
(Unit F) (SE NW) 2. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION Notice of fateral Notice of fateral Subsequent Report Final Abandonment Notice Request 6 month extension to evaluate well. 3. Describe Propored a Completed Operations (Clearly man all persons despite and analyses and annes persons as a measured and now verneal depths for all markers and annes persons to subsequent Report are evaluated well to force recompleting or plug and abandoning. Well is currently shut in. APPROVED FOR Company respectfully requests a 6-month extension to further evaluate well before recompleting or plug and abandoning. Well is currently shut in. APPROVED FOR Company respectfully requests a 6-month extension to further evaluate well before recompleting or plug and abandoning. Well is currently shut in. APPROVED FOR Company respectfully requests a 6-month extension to further evaluate well before recompleting or plug and abandoning. Well is currently shut in. The BUSIC Section Follows: Title Asst. to Gen. Supt. Date 5/6/92 Title 18-U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictions or fraudatent statements.	P.O. Box 1659, Midland, TX 797		
TYPE OF SUBMISSION Notice of Janean	1,650'FNL & 1,750'FWL, Sec. 11		11. County or Parish, State
Notice of Intent	2. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPO	RT, OR OTHER DATA
Recompletion New Construction New Constructio	TYPE OF SUBMISSION	TYPE OF ACTION	
Final Abandonment Notice Altering Casing Conversion to Injection Dispose Water Post		Recompletion	New Construction
Describe Processed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)* Great Western Drilling Company respectfully requests a 6-month extension to further evaluate well before recompleting or plug and abandoning. Well is currently shut in. APPROVED AND 6 MORALL FLECO ENDING 6 MORALL FLECO FIGURE 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Request 6 month extension to	Altering Casing	Conversion to Injection Dispose Water
Great Western Drilling Company respectfully requests a 6-month extension to further evaluate well before recompleting or plug and abandoning. Well is currently shut in. APPROVED FOR 6 ACCENTIFIED ENDING B 10/31/92 4. I hereby certify that the foregoing is true and correct Signed T. Again Field Title Asst. to Gen. Supt. Date 04-30-92 Title Date 5/6/92 Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statement.	3. Describe Proposed or Completed Operations (Clearly state a	I pertinent details, and give pertinent dates, including estimated date of startin	Completion or Recompletion Report and Log form.)
Signed	evaluate well before recomplete	ting or plug and abandoning. Well i	s currently shut in.
Signed			
Approved by Title Date	M B M . D	Title Asst. to Gen. Supt.	Date04-30-92
Fitle 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.	Approved by	Title	Date 5/6/92
	Fille 18 U.S.C. Section 1001, makes it a crime for any person or representations as to any matter within its jurisdiction.	knowingly and willfully to make to any department or agency of the Unite	d States any false, fictitious or fraudulent statements

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orm 3160-5 HECEIVED June 1990)		OF THE INTERIOR NEED NO MANAGEMENT RED	JA DIVISION	FORM APPROVED Budget Bureau No. 1004-(Expires: March 31, 199 5. Lease Designation and Serial	3
App () (0.50)	JZ	NE DEPOSITO ON WELLS	oo e ma	NM-0560353	
Do notyus a this form for	osals to drill	ND REPORTS ON WELLS or to deepen or reentry to a PERMIT—" for such proposa	differe tives ervoir.	6. If Indian, Allottee or Tribe N	ame
Ald			APR 1 7 1992	7. If Unit or CA, Agreement De	esignation
	SUBMIT I	N TRIPLICATE	O. C. D		
1. Type of Well X Oil Ges Well Oth	he:	•	SUCCES DEFICE	8. Well Name and No.	
2. Name of Operator				Mabel Hale Feder	<u>al, No.</u> 7
Great Western Dai 3. Address and inclephone Do.	iling Company	<u> </u>		#30 015 26785	
	of end, TX 797	02, Pho.(915)682-5241 ription)		10. Field and Pool, or Explorator Shugart Pool (Yates-SR-Q-Gray)	ry Area
1,650 PNL & 1,730 (Unit F) (SE NE)	FFVL, Sec. 11	, T-19-S, R-30-E,		11. County or Parish, State	
(Office 1) (con 14)				Eddy, N.M.	
12. HECK APORC	PRIATE BOX(s)	TO INDICATE NATURE O	F NOTICE, REPOR	RT, OR OTHER DATA	
TYPE OF SURGAIS	SCION		TYPE OF ACTION		
Notice of Intest		Abandonment		Change of Plans	
Submy and the year		Recompletion Plugging Back		New Construction Non-Routine Fracturing	
		Casing Repair		Water Shut-Off	
Final Cande mer	t idotice	Altering Casing X Other Compl	etion	Conversion to Injection Dispose Water	
•		tee Office		(Note: Report results of multiple com Completion or Recompletion Report	
give selectrice and	 85 ed and true vertical 	ertinent details, and give pertinent dates, includepths for all markers and zones pertinent $-\text{T.D.}$ 3,160', PBTD 3,1	to this work.)*		
@ 3,120%, partenate dia. haies, 12 grans	pprox 41/2" Csg. fr $pprox$ shots, 12" $_{ m I}$	t, nippled up wellhead com 2,925' to 2,955' w penetration, ran RTTS set Pkr., RU-swab, sw	7/2 SPF (30'-60 packer, S.N. &	shots), $w/3-1/8$ " 2-3/8" Tbg, tagge	gun, .33 ed PBTD @
gals. 15% NATE as id to 1,480 psi, well 1,070 psi. lead to	120 ball streated @ 3	Smith Energy, pressur sealers down 2-3/8"OD, BPM @ 1,480 psi, ISI Bbls. Swabbed 29 Bbl	Tbg., formation P 1,400 psi, 5. Ls. & shut down,	on broke at 2,800 -Min. 1,160 psi & , lack 57 Bbls. re	psi back 15 Min. ecovering
load.		ami'r	m, the second	O FOR RECORD	The state of
	11 1 1-1	GIBLE			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	I has been been		WD	R 14 1992	**************************************
		- continued -		and the second of the second o	• •
14. Thereby contify that the form one,				A STATE OF THE STA	
Signed	127	Title Asst. to Gen.	Supt.	Date 04/06/92	
(This space for Federal or State of	Dice use)	Tid.		ъ.	17 - 5 74
Approved by Conditions of approved, if any t		Title		Date	Ç

Title 18 U.S.C. Section 3771, 10 Sec 9 a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any motion within its jurisdiction.

Form 3160-5 June 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR

RECEIVED

APR 1 7 1992

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

June 17	19.97 71(13.13.13.1	LAND MANAGEMENT	Expires: March 31, 1993 5. Lease Designation and Serial No.
		O. C. D.	NM-0560353
		AND REPORTS ON WELLS	6. If Indian, Allottee or Tribe Name
Do n		rill or to deepen or reentry to a different reservoir	·
	USE AN ENSAMON PC	OR PERMIT—" for such proposals	
	SUBMI	T IN TRIPLICATE	7. If Unit or CA, Agreement Designation
1. Type	of Well		
	Oil Gas Et Oil ::		8. Well Name and No.
	e of Operator	/	Mabel Hale Federal, No. 7
Great	Western Drilling Company	./	9. API Well No.
	ess and felephine flo.		#30 015 26785
P.O.	<u>Por: 1609, Milliand, TX 7970</u>	02, Pho. (915) 682-5241	10. Field and Pool, or Exploratory Area Shugart Pool (Valor, SP. O. Crayburg)
)'FUL & 1.750'F, Sec. 11	•	(Yates-SR-Q-Grayburg) 11. County or Parish, State
-	t F) (SE [4)	, 1-15-5, K-50-L,	· ·
(0112			Eddy, N.M.
12.	CHECK API BOPRIATE BOX	(s) TO INDICATE NATURE OF NOTICE, REP	ORT, OR OTHER DATA
	TYPE OF SUBMISSION	TYPE OF ACTIO	N
	Notice of Intest	Abandonment	Change of Plans
	C D Realize of this 3	Recompletion	New Construction
	Subsequent to part	Plugging Back	Non-Routine Fracturing
	4 '77	Casing Repair	Water Shut-Off
	Final Abando core. Detre	Altering Casing X Other Completion	Conversion to Injection
		(A) Other COMPLECTOR	Dispose Water (Note: Report results of multiple completion on Well
13. Desc	ribe the possel of the army of the cations to learly state	all pertinent details, and give pertinent dates, including estimated date of star	Completion or Recompletion Report and Log form.) ting any proposed work. If well is directionally drilled.
	give subsurface in ations and measured and true ven	tical depths for all markers and zones pertinent to this work.)*	
		Tbg dry recovering 6 bbls. fluid w	
		lled tree saver, tested treating li 00 lbs. 20-40 mesh sand & 39,000 lbs.	
		. 2,300 psi. ISIP 2,200 psi, 5 Min	
-	Lord to recover: 717 Bbl	_	•
01.70	0.00		
		d pressure off, ran Tbg w/notch coll ,807' (Csg. Perfs. 2,925'-2,955'), sw	
		k 585 bbls. recovering load. Shut we	
01/1	0/92: SITP by i & Csg. T	pressure 0, fluid level 600' from sur	face, swabbed 53 bbls., POH
w/tu	onny. Tan pu pagi installa	ation, tagged sand @ 2,990', swung T Lack 532 bbls. recovering load.	og _{tE} @ 2095217 built pad for
punp	ing atte, see in roo unit.		e de la companya de
	II I For	L 2 - 200	APR 11 1992
	ILLEGIE	₹1 	ा कि अंतर
	ILLLUIL	- continued -	- 1000 - 1000
	the state of the s		Property of the second of the
	relia colary that the forming or time and correct		
	no The fyer	Title Asst. to Gen. Supt.	Date 04/06/92
(Th	is space for Frideral or Ecolo others use)		
App	oroved by	Title	Date
Coi	Section of the sectio		the state of the s

RECEIVED

Form 3160-5 (June 1990)	UNITED STA DEPARTMENT OF TH		APR 1 7 1992	FORM APPROVED Budget Bureau No. 1004-0135 Expires: March 31, 1993
	BUREAU OF LAND M	ANAGEMENT	O. C. D.	5. Lease Designation and Serial No.
	SUNDRY NOTICES AND RE	PORTS ON WE	_LS	NM-0560353
Do not use this	form lor roposals to drill or to d			6. If Indian, Allottee or Tribe Name
	Use "AT PLICATION FOR PERMI	Γ—" for such prop	oosals	
	SUBMIT IN TRIF	PLICATE		7. If Unit or CA, Agreement Designation
1. Type of Weil			······································	
X Well Gas	II Orice			8. Well Name and No.
2. Name of Operator	/			Mabel Hale Federal, No.
Great West	ern Orilling Company			#30 015 26785
·	659, Midland, TX 79702, F	ho.(915)682-5	241	10. Field and Pool, or Exploratory Area Shugart Pool
4. Location of Well (Foo	mage, S 3 . M., or Survey Description)	110 () 10 / 000 0		— Shugart Pool (Yates-SR-Q-Grayburg)
1,650'FNL	& 1,750'FWL, Sec. 11, T-1	9-S, R-30-E,		11. County or Parish, State
(Unit F) (SE 1/1)			Dal- N.M.
				Eddy, N.M.
12. CHECK	CAPURC MINTE BOX(s) TO IN	DICATE NATUR	E OF NOTICE, REP	ORT, OR OTHER DATA
TYPE O	F SUPMISSION		TYPE OF ACTIO	ON .
Notice	e of Intest	Abandonment		Change of Plans
(77)		Recompletion		New Construction
Subsc	equent F 3 ort	Plugging Back		Non-Routine Fracturing
١٦		Casing Repair		Water Shut-Off
L Final	Abande : new Notice	Altering Casin	Completion	Conversion to Injection
		LAJ Other	COMPTECTOR	Dispose Water
13. Describe Proposed of	Complete Committee of Committee all pertinent de	ails, and give pertinent date	es, including estimated date of sta	Completion or Recompletion Report and Log form.) rting any proposed work. If well is directionally drilled,
	existions and a assessed and true vertical depths for			
01/12-20/92:	Recovered all load, plus	: 17 bbls. ove	er load.	
01/21-30/92:	Recovered 1,324 bbls. ov	ver load w/tra	ace of oil.	
01/31-2/24/92	2: Tys wy - since Jan. 1	31st thru Feb.	24th, have reco	overed 21 BO & 2,725 BW.
02/25-25/92+	RU Passing Unit - pulled	l numn install	ation. Tagged t	top of sand @ 2,961', bottom
	2			RU Reverse Unit, reversed
	and out of hole from 2,96			
well back on	tes!.			
02/27 00/06/6	32. See 1 # DO 5 1 333	Dia		THE POST RECEIVED TO
02/27-03/06/5	22: Produced 5 BO & 1,32	BW.		l age
8.6	1 Pm (1 Pm 1 * pm			509 1 1 1002 1 1954
	LLEGIBLE	- continue	d -	- 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	トトトロリレトト			1. 1
				A REW MEXIC
	for fore; one tion and correct			
Signed Man		Title Asst. to	Gen. Supt.	Date04/06/92
	al or State office use)			
Approved by Conditions of approve	d if a	Title		Date
Conditions of approxi-	aran erija			er tok

F

FORM APPROVED

DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT	Budget Bureau No. 1004-0135 Expires: March 31, 1993 5. Lease Designation and Serial No.
RY NOTICES AND REPORTS ON WELL Medicines also drill or to deepen or reentry to ALICATION FOR PERMIT—" for such prop	o a different reservork cosals O. C. D. NM-0560353 6. If Indian, Allottee or Tribe Name
SUBMIT IN TRIPLICATE	7. If Unit or CA, Agreement Designation
ī	8. Well Name and No.
ng Company 🗸	Mabel Hale Federal, No. 9. API Well No. #30 015 26785
	10. Field and Pool, or Exploratory Area Shugart Pool (Yates-SR-Q-Grayburg) 11. County or Parish, State
1, 666, 11, 1 15 6, 10 6	Eddy, N.M.
BIATE BOX(s) TO INDICATE NATURE	E OF NOTICE, REPORT, OR OTHER DATA
HON	TYPE OF ACTION
Abandonment Recompletion Plugging Back Casing Repair Altering Casin X Other	Water Shut-Off
	BUREAU OF LAND MANAGEMENT BY NOTICES AND REPORTS ON WELL SCHOOLS SUBMIT IN TRIPLICATE SUBMIT IN TRIPLICATE AND REPORTS ON WELL SUBMIT IN TRIPLICATE THE Company THE Com

03/07/92: Rigged to wireline. Ran Ra tracer and temperature. Survey indicates: tracerchannel down to 3,000. Temperature channel down to 3,060. Csq. Perfs: 2,925 to 2,955. Shut well in.

03/10/92: Rigge : wireline. Perforated 2 holes @ 3,000'. Ran 4½" Cmt. Ret.'on wireline and set @ 2,990'. Ean Cmt. Ret. stinger on 2-3/8" Tog-stung in Ret. & tried to pump into formation @ 2,500 | without success. Shut down.

03/11/94: Pumped 500 gals. 15% NEFE acid. Worked acid, formation broke 2,900 psi to 1,800 psi, established rate, squeezed formation with 50 Sxs. Class "C" to 3,000 psi, reversed out excess exement. Fill Ran pumping installation. Shut down.

03/12/92: Place v H back on test.

LEGIBLE APR 14 1992

- continued -

14. Thereby craffy that the force ing a trop and correct			
Signed 26 13 19	Title Asst. to Gen. Supt.	Date(04/06/92
(This space for Federal or State of one use)			
Approved by Conditions of approval, if any	Title	Date	
Conditions of approval, if any			the state of the s

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements

Form 3160-5 (June 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR

RECEIVED

FORM APPROVED Budget Bureau No. 1004-0135

Expires: March 31, 1993

14. I hereby certify that the foregoing is true and correct Signed		Date	TO THE PARTY OF TH
Will continue testing. 14. Thereby certify that the foregoing is true and correct Signed M.B. M. J. M. J.	Nach to Con Sunt	APR II. 1992 Haraba Neva Mekkal	TO TO TOPOLOGY OF THE STATE OF
Will continue testing.		APR 17, 1992	Company of the compan
		APR 17, 1992	TO THE PROPERTY OF THE PROPERT
		APR 17, 1992	TO THE TOTAL
			· 1. 14
		•	
03/13-04/02/92: Produced 26 B	O & 1,714 BW.		
	all pertinent details, and give pertinent dates, including estimated date of startitical depths for all markers and zones pertinent to this work.)*	Completion or Recompletion Report and	d Log form.)
Final Abando ment Notice	Altering Casing Other Completion	Conversion to Injection Dispose Water (Note: Report results of multiple comple	etion on Well
Subsequent Report	Recompletion Plugging Back Casing Repair	New Construction Non-Routine Fracturing Water Shut-Off	, (°
Notice of Inte s	Abandonment	Change of Plans	
2. CHECK APPROPRIATE BOX TYPE OF SUBMISSION	TYPE OF ACTION		
Unit F) (SE NW)	(s) TO INDICATE NATURE OF NOTICE, REPO	Eddy N.M.	: : • • • • • • • • • • • • • • • • • •
4. Location of Well (Footage, Sec., U. R., M., or Survey 1,650 FNL & 1,750 FWL, Sec. 11	Description)	(Yates-SR-Q-Grayb)	urg)
Great Western Drilling Company 3. Address and Telephone No. 2.0. Box 1659, Midland, TX 7970	7. Pho. (915)682-5241	#30 015 26785 10, Field and Pool, or Exploratory Shugart Pool	Area
Z. Name of Operator		8. Well Name and No. Mabel Hale Federal 9. API Well No.	, No. 7
SUBMI 1. Type of Well	T IN TRIPLICATE	7. If Unit or CA, Agreement Desi	ignation
	rill or to deepen or reentry to ইণ্টিলিছিলেনিচাইservoir. DR PERMIT—" for such proposals		
Do not use this form for proposals to d	AND REPORTS ON WELLS O. C. D.		

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Conditions of approved it any.		€ 1992 ≤35
Approved by Conditions of approval, if any:	Title	Date
(This space for Federal or State office use)		
Signed M. B. Whyer	Title Asst. to Gen. Supt.	Date 01-15-92
4. I hereby certify that the foregoing is true and correct	- continued -	
	- continued -	•
2/16/91: TiH w/12-1/4" bit, d 0 minheld, tagged top of an 10'.	rill collars and drill pipe, tested nt. @ 650', drilled Cmt. & plug, now	csg & BOP to 650 psi for drilling 12-1/4" hole @
/2 hrs. and nippled up.		
1/560 psi, circulated 204 Sxs.	mixed @ 14.8#/gal., plug down @ 4:13 cmt., Mr. Jim Amos w/BLM witnessed shed filling the 21' w/3 yds. of Re	, cement fell approx. 21'
'sg., guide shoe, insert float	710'KBM @ 10:00AM, ran 16 jts. 13-3,	06.36'KBM, cemented w/710
L2/14/91: Spud 17-1/2" hole @ :spud.	12:00noon, 12-14-91. Notified Mr. J.	im Amos with BLM prior to
	ding, cementing 13-3/8" surface ogging & cementing 4-1/2" production o	Csg., cementing 8-5/8" casing.
3. Describe Proposed or Completed Operations (Clearly state a give subsurface locations and measured and true verti	Il pertinent details, and give pertinent dates, including estimated date of starri cal depths for all markers and zones pertinent to this work.)*	ng any proposed work. If well is directionally drilled,
		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
Final Abandonment Notice	Altering Casing X Other See below	Conversion to Injection Dispose Water
X Subsequent Report	Casing Repair	Non-Routine Fracturing Water Shut-Off
	Recompletion	New Construction
TYPE OF SUBMISSION Notice of Intent	Abandonment	Change of Plans
	s) TO INDICATE NATURE OF NOTICE, REPO	
AUTOW ADDRODUATE DOW	-) TO INDICATE NATURE OF NOTICE PERO	Eddy, N.M.
(Unit F) (SE NW)	1, 1-15-5, K-30-E,	, and a same of the same of th
4. Location of Well (Footage, Sec., T., R., M., or Survey D. 1,650 FNL & 1,750 FWL, Sec. 1	escription)	Shugart Pool (Yates-SR-Q-Grayburg)
3. Address and Telephone No. P.O. Box 1659, Midland, TX 7	9702, Pho.(915)682-5241	#30 015 26785 10. Field and Pool, or Exploratory Area
Great Western Drilling Compar	ny 🗸	9. API Well No.
X Well Gas Well Other 2. Name of Operator		8. Well Name and No. Mabel Hale Federal, No.
I. Type of Well		
SUBMIT	IN TRIPLICATE	7. If Unit or CA, Agreement Designation
Do hat use this form for proposals to dri	ill or to deepen or reentry to a different reservoir. R PERMIT—" for such proposal. C. D.	
THE SUCKES THE SUMPLY MOTIOES	MAD VELOVIO ON AFFEMAN 3 1 100	NM-0560353 6. If Indian, Allottee or Tribe Name
June 1990) DEPARTMEN RECEIVED DEPARTMEN OVISION NOTICES	AND MANAGEMENT RECEIVED	5. Lease Designation and Serial No.
01111 2100 2	TED STATES T OF THE INTERIOR	FORM APPROVED Budget Bureau No. 1004-0135 Expires: March 31, 1993
•		

Page 2 Form 3160-5 June 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM	I APPR	OVED
Budget Bure	eau No.	1004-0135
Expires:	March	31, 1993

5. Lease Designation and Serial No

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals		NM-0560353 · 6. If Indian, Allottee or Tribe Name	
SUBMIT	7. If Unit or CA, Agreement Designation		
I. Type of Well X Oil Well Gas Well Other 2. Name of Operator		8. Well Name and No. Mabel Hale Federa., No.	7
Great Western Drilling Compan 3. Address and Telephone No.		9. API Well No. #30 015 26785	
P.O. Box 1659, Midland, TX 1. Location of Well (Footage, Sec., T., R., M., or Survey Do 1,650'FNL & 1,750'FWL, Sec. (Unit F) (SE NW)	escription)	10. Field and Pool, or Exploratory Area Shugart Pool (Yates-SR-O-Grayburg) 11. County or Parish, State Eddy, N.M.	
2. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPOI	RT, OR OTHER DATA	
TYPE OF SUBMISSION	TYPE OF ACTION		
Notice of Intent X Subsequent Report Final Abandonment Notice	Abandonment Recompletion Plugging Back Casing Repair Altering Casing X Other See below	Change of Plans New Construction Non-Routine Fracturing Water Shut-Off Conversion to Injection Dispose Water (Note: Report results of multiple completion on Well	
2/17/91: T.D. 12-1/4" hole @ 1 T&C Csg guide shoe, float composition of the containing 10% lass "C" cmt. containing 1% Cokay, plug down @ 6:00AM, 12-18 2/18/91: Ran temp. survey, for emented 8-5/8" - 13-3/8" annual 4.8#/gal., circulated 11 sxs.	Il pertinent details, and give pertinent dates, including estimated date of startined aldepths for all markers and zones pertinent to this work.)* ,905'KBM @ 7:30PM, 12-17-91, ran 43 ollar & 10 centralizers, set 1,889' @ salt & 6% gel/sx., mixed @ 12.6#/ga. acl2 mixed @ 14.8#/gal., bumped plug-91, cmt. did not circulate, Mr. Jim and top of cmt. @ 640', ran 1" Kobe' lus w/230 Sxs. Class "C" Ont. contacmt., Mr. Jim Early w/BLM wintessed, d choke manifold to 1,000 psi for 30 inheld.	jts. 8-5/8", 24#, J-55, 1,900.01' KBM, cemented l., followed by 250 Sxs. with 500 psi-float held Early w/BLM witnessed. Tbg, tagged Cmt. @ 605', ining 1% CaC12, mixed @ nippled up BOP and choke	
2/19/91: TIH w/7-7/8" bit, DC rilling 7-7/8" hole @ 1,905',	's & DP, tagged cmt. @ 1,845', dril top of Seven Rivers @ 2,295'.	led out cmt & plug, now	
60 units of gas with backgrou,014' & 3,048'-3,056'.	ng break 2,920'-2,950' broke from 3 and gas of 2 units, no show in sample - continued -		
4. I hereby certify that the foregoing is true and correct Signed 76. 18. 20. 20. 20. 20. 20. 20. 20. 20. 20. 20	Tille Asst. to Gen. Supt.	Date 01-15-92	
(This space for Federal or State office use)			
Approved by	Title	Date ≤∋	

itle 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements representations as to any matter within its jurisdiction.

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	3160 1990	

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED	
Budget Bureau No. 1004-0135	5
Expires: March 31, 1993	

•	Lease	Designation	anu	2cusi	M

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals	6. If Indian, Allottee or Tribe Na	
SUBMIT IN TRIPLICATE	7. If Unit or CA, Agreement Des	
F of WAII	1	

•	*1	Omi	O.	CA,	VRICE	iciii De	21Ringii	Uti
		-						

SUBMIT IN TRIPLICATE	
Type of Well Oil Gas Other Other	8. Well Name and No.
Name of Operator Great Western Drilling Company	Mabel Hale Federal, No. 7 9. API Well No.
Address and Telephone No. P.O. Box 1659, Midland, TX 79702, Pho. (915)682-5241	#30 015 26785 10. Field and Pool or Exploratory Area Shugart Pool
Location of Well (Footage, Sec., T., R., M., or Survey Description) 650 FNL & 1,750 FWL, Sec. 11, T-19-S, R-30-E,	(Yates-SR-O-Grayburg) 11. County or Parish, State
Jnit F) (SE NW)	Eddy N M

TYPE OF SUBMISSION	TYPE OF ACTION		
Notice of Intent Subsequent Report Final Abandonment Notice	Abandonment Recompletion Plugging Back Casing Repair Altering Casing See below	Change of Plans New Construction Non-Routine Fracturing Water Shut-Off Conversion to Injection Dispose Water (Note: Report results of multiple completion on W	

1. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

2/22/91: TD 3,160', finished 7-7/8" hole @ 8:15AM, 12-22-91, ran logs: Dual Laterolog Micro FL & Spectral Density Dual Spaced Neutron Log.

.2/23/91: Ran 75 jts 4-1/2", 10.50#, J-55, LT&C Csg., guide shoe, float collar & 10 entralizers, 3,149.02' set @ 3,160'KBM, cmt. w/275 Sxs 35-65 Poz "C" containing 6% D-20 & s# salt/sx., mixed @ 12.7#/gal., followed w/80 sxs. class "C" ont. containing 4.6# salt/sx., uixed @ 14.8#/gal., plug down @ 10:50AM, 12-23-91, talked to Mr. Jim Amos w/BLM, did not itness, WOC, ran temp. survey, found top of cmt. inside @ 3,120' and top outside @ 1,120', notified BLM, released rig @ 2:00PM, 12-23-91.

low waiting on completion unit.

Conditions of approval, if any:	*** ***	8 199 2
(This space for Federal or State office use) Approved by	Title	Date 53 \$
Signed	Tide Asst. to Gen. Supt.	Date 01-15-92

Form 3160-5 (November 1983) (Formerly 9-331) UNITED ST DEPARTMENT OF T BUREAU OF LAND	THE INTERIOR (Other Instru	Expires August 31, 1985 SER NM-0560353
SUNDRY NOTICES AND (Do not use this form for proposals to drill or to Use "APPLICATION FOR PER	REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR THINE NAME BECVOLES: FIN 10 23
OIL GAS WELL OTHER	RECEIVED	7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR Great Western Drilling Co. 3. ADDRESS OF OPERATOR	JAN 1 2 19	mader mare rederat
P.O. Box 1659, Midland, Texas 79 4. LOCATION OF WELL (Report location clearly and in account of the second	9702 ARTESIA OFFI ordance with any State requirements.	9. WELL NO. 7 10. FIELD AND FOOL, OR WILDCAT Shuggart Pool (Yates 7R-Q) 11. SEC., T., R., M., OR BLK. AND SURVEY OR ARMA
14. PERMIT NO. 15 PLEVATIONS	(Show whether DF, RT, GR, etc.)	Sec. 11-T19S-R30E 12. COUNTY OR PARISH 13. STATE
	To Indicate Nature of Notice,	•
NOTICE OF INTENTION TO:	io marcare rianne or rionce,	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF FRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL. (Other) 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly proposed work. If well is directionally drilled, give nent to this work.)* Notice to change proposed propos	SHOOTING OR (Other) (Nors: Complete state all pertinent details, and give persubsurface locations and measured and	ACIDIZING ABANDONMENT* Report results of multiple completion on Well lon or Recompletion Report and Log form.) Pritient dates, including estimated date of starting any and true vertical depths for all markers and zones perti-
18. I hereby certify that the foregoing is true and correct	TITLE Division Superi	intendent DATE 12-20-91
(This space for Federal or State office use) APPROVED BY CONDITIONS OF APPROVAL, IF ANY:	TITLE	DATE 1/6/9Z

Form 3160-3

7-7/8"

400± sx "C" + 2% CaCl₂ Est. Top Cement - 1800'

	SUBMIT IN TRIPLICATE®	Form approved.
83) (C)	UNITED STATES DE CO COther Instructions on Company of The INTERPORT	Budget Bureau No. 1004 Expires August 31, 1985
	DEDINTIFIE OF THE INTERPORT	

(November 1983) (formerly 9-331C)	רואט		IL COLO. Geverse a		Expires August		
,		r of the inter	CIOR	1	5. LEASE DESIGNATION	IND BERIAL NO.	
	ALL BUREAU OF	LANDWANAGEMEN	T 88210		NM-0560353	·	
APPLICATION		ODRILL, DEEPE		3ACK	6. IF INDIAN, ALLOTTEE	OF TRIBE NAME	
a. TYPE OF WORK		10 -			7. UNIT AGREEMENT NA		
DRI	LL, 🖳 👊 12	AMDEEPEN 🗆	PLUG BA	CK □	1. UNIT AUREEMENT NA	.ж.в	
D. III DOS WALL	.5 [81	NOLE X MULTI	PLE [S. FARM OR LEASE NAM		
	ELL OTHER						
		RILLING COMPAND	FIVED (Kenneth	Smith)	Mabel Hale Federal		
3. ADDRESS OF OPERATOR	GREAT WESTERN D	RILLING COMPANY	(505-396-	5538)	7		
•	.o. box 1055	111	0 9 1991		10. FIELD AND POOL, O	WILDCAT	
4 TOCKTON OF WELL (D.	Midland, Texas	79702 JUL In accordance with any S			Shugart Poo (Yates-SR-Q-Gr	1 . ,	
At surface	sport focation crearry and	in accordance with any a	C D		(Yates=SR-Q-Gr	ayburg)	
1650'F	NL, 1750'FWL, S	ec.11-19S-31E C	SIA OFFICE UNIT I	?) 丿	11. SEC., T., R., M., OR B AND SURVEY OR AR		
At proposed prod. zon		- 005					
	Same				Sec.11, T.19S		
14. DISTANCE IN MILES	IND DIRECTION FROM NEA	REST TOWN OR POST OFFICE			12. COUNTY OR PARISH	13. STATE	
		of Carlsbad, New	Mexico		Eddy	N.M.	
15. DISTANCE FROM PROPU LOCATION TO NEAREST	,	16, NO	OF ACRES IN LEASE		OF ACRES ASSIGNED HIS WELL		
PROPERTY OR LEASE L (Also to nearest drig	unit line, if any)	1650' 2:	160.32	40			
18. DISTANCE FROM PROP TO NEAREST WELL, DI	OSED LOCATIONS	19. ru	OPOSED DEPTH	20. ROTA	RY OR CABLE TOOLS		
OR APPLIED FOR, ON TH		400'± 3:	200 '	Rot	ary		
21. ELEVATIONS (Show who	ther DF, RT, GR, etc.)				22. APPROX. DATE WO:	RK WILL START	
3387.8' GL					As Soon As Po	ssible	
23.	1	PROPOSED CASING AND	CEMENTING PROGR	AM			
SIZE OF HOLE	BIZE OF CYBING	WEIGHT PER FOOT	SETTING DEPTH	- 	QUANTITY OF CEMEN	T	
17-1/2"	13-3/8"	48#	685'	750	sx."C" + 2% CaC	1_2 (Circ)	

1900'

3200.

Propose to drill to 3200'± to test Grayburg and intermediate formations.

This well is within the Designated Potash Area but outside of the NMOCD R-111-P Area.

Productive zones will be selectively perforated and stimulated.

14#

See attached "SUPPLEMENTAL DRILLING DATA".

signed Jerry It Jong	TITLE Permit Agent	DATE June 10, 1991
(This space for Federal or State office use)		
PERMIT NO.	APPROVAL DATE	
APPROVED BY	AHAA MANAGER CARLEBAD RESOURCE / RE/	7-8-9/
SPPROVAL SUBJECT TO:		
GENERAL REQUIREMENTS AND		
SPECIAL STIPULATIONS	•	

See Instructions On Reverse Side

Submit to Appropriate District Office State Lease - 4 copies Fee Lease - 3 copies

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-102 Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT II P.O. Drawer DD, Artesia, NM 88210

DISTRICT I P.O. Box 1980, Hobbs, NM 88240

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

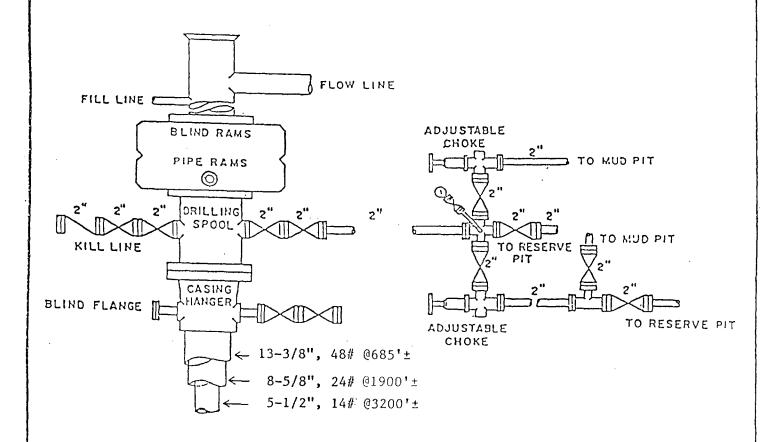
WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

CDEAT W	JESTERN .	DRILLING	COMPA	NV		MABEL	LE FEDER	ΔΤ	Well No.	7
Letter	Section			14.1	Range	Manner III	TEE FEDER	County		
F	11	Town	•	OUTH	-	30 EAST		} _	EDDY	
al Footage Loca			19 3	OUIN	L	JU ERSI	N	IPM !	FDD1	
1650		NOR'	TU		1750			LIE	er	
and level Elev.	feet from the	roducing Forms		line and	Pool		Teet 1	from the WE		Acreage:
		_			i					•
3387.8		es-SR-Q-		l by colored per		ugart	-lat balans		4(Acres
3. If more	NGLE LEA than one lease tion, force-pool	SE of different or ling, etc.?	wnership is		well, have the	interest of all	-	•	at and royalty).	·,
this form i	if neccessary. able will be ass	igned to the we	ct descripti		actually been	consolidated. d (by commu	(Uac reverse sic		pooling, or otherw	rise)
				est, has been app				1	RATOR CER	·
	 	650' —				 		l he contained	ereby certify the herein in true of knowledge and b	at the information that the second complete to
						1		Signature Printed Na	rry th	Fine
	406.2	338	9. 6			 		Position	RR Y W. LO	
	3 3 8 7. 5	337	7 7. 3					Company GREAT Date	WESTERN I	RILLING
	3			# *		İ	1	Jur	ne 10, 199	91
				2 4 8				SUR	VEYOR CER	TIFICATION
	 			,	OROFL.			on this p actual su supervisor	certify that the lat was plotted rveys made by s, and that the o the best of	from field not me or under same is true
	 			ETER ETER	S NO			belief. Date Surv		
	-		:	BES!	SEW MI			Signature Profession	& Seal of sal Surveyor	, ,,,
	 			`	AUN M			0/	h- ///	1/14
	İ							Cartificate	No. JOHN	WEST,

GREAT WESTERN DRILLING COMPANY No.7 Mabel Hale Federal SENW Sec.11-19S-30E Eddy County, N.M.

NM-0560353

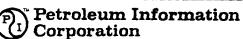


BOP DIAGRAM

2000# Working Pressure Rams Operated Daily

WRS COMPLETION REPORT COMPLETIONS SEC 11 TWP 19S PI# 30-T-0004 07/10/92 30-015-26785-0000 19S RGE 30E NMEX EDDY * 1650F * 1650FNL 1750FWL SEC SE NW GREAT WESTERN DRLG D OPERATOR WELL CLASS INIT FIN 7 HALE MABEL FEDERAL WELL NO. LEASE NAME 3388GR SHUGART CPER ELEV API 30-015-26785-0000 LEASE NO. PERMIT OR WELL I.D. NO. 12/14/1991 07/07/1992 ROTARY VERT SPUD DATE COMP. DATE TYPE TOOL HOLE TYPE 3200 GRAYBURG UNITED DRL 3 PROJ. DEPTH PROJ. FORM CONTRACTOR DTD 3160 PB 3120 FM/TD GRAYBURG LOCATION DESCRIPTION 10 MI S LOCO HILLS, NM CASING/LINER DATA CSG 13 3/8 @ 605 W/ 1030 SACKS CSG 4 1/2 @ 3160 W/ 355 SACKS PERF 3000- 3000 W/ 2/FT W/ 50SX PRODUCTION TEST DATA PTP 26BOPD 1714BW 24HRS GRAYBURG PERF PERF 2925- 2955 ACID 2925- 2955 W/ 60/IT 2925- 2955 3000GALS 15% NEFE SWFR 2925- 2955 26000GALS 63000LBS SAND **ADDTVGELA** DRILLING PROGRESS DETAILS GREAT WESTERN DRLG BOX 1659 MIDLAND, TX 79702 915-682-5241 LOC/1991/ 12/16 12/30 01/15 01/22 DRLG 685 3160 TD, WOCT 3160 TD, PREP POP 3160 TD, TSTG

CONTINUED IC# 300157021991



GREAT WESTERN DRLG HALE MABEL FEDERAL COMPLETIONS SEC 11 TWP 19S RGE 30E PI# 30-T-0004 07/10/92 30-015-26785-0000 PAGE 2 DRILLING PROGRESS DETAILS

3160 TD, RECG LD
3160 TD, PREP SQZ
3160 TD, PB 3120, TSTG
3160 TD, PB 3120, SI
RIG REL 12/23/91
RIG REL 12/23/91
NO CORES OR DSTS RPTD