Form 3160-3 (May 1999) 32 14 15 75	su	BMIT IN TRIPLICATE* (Other instructions on	FORM APPROOMS 1004-		
RENITED STATES reverse side)			Expires: May 31, 2000		
DEPARTMENT OF THE INTERIOR			5. LEASE DESIGNATION AND SERIAL NO.		
AUG BOOMEAU ON LAND MANA	SF 078312				
RECEIVED 2	6. IF INDIAN, ALLOTTEE OR TRI	IBE NAME			
APPLIGATION FOR PERMIT TO DR	ILL, DEEPEN, OI	R PLUG BACK			
14 TYPE OF WORK DISTORILL X DEEPEN	7. UNIT AGREEMENT NAME				
100 J		 ,			
IN TYPE OF WELL	8. FARM OR LEASE NAME, WEL	1			
OIL WELL OTHER	SINGLE X	MULTIPLE ZONE	J.E. Decker #2	$\alpha \varphi / S$	
2 NAME OF OPERATOR	9. API WELL NO. 30 -0 4.5	30763			
Great Western Drilling Compan	10. FIELD AND POOL OR WILDO	30 / 9 J			
c/o Walsh Engineering, 7415 E. Main St. Fa	rminaton NM 8741	02 (505) 327-489		Verde	
4. LOCATION OF WELL (Report location clearly and in accordance			11. SEC., T., R., M., OR BLK.	rerue	
At Surface 1340' FSL and 660' FWL	Williamy State requirements.	,	AND SURVEY OR AREA	i ' '	
At proposed Prod. Zone			Sec. 12, T32N	, R12W	
Same				•	
DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR I	POST OFFICE*		12. COUNTY OR PARISH	13. STATE	
12 miles north of Aztec, NM			San Juan	NM	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY	16. NO. OF ACRES IN LEASE	1	7. NO. OF ACRES ASSIGNED TO THE	S WELL	
OR LEASE LINE, FT. (Also to nearest drlg unit line, if any) 660'	1095	5.98	S/2 336 acres		
18 DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL,	19. PROPOSED DEPTH		0. ROTARY OR CABLE TOOLS	ROTARY OR CABLE TOOLS	
DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT.	5620	1/ 2	Potani		
400'	3030)' =="	Rotary 22. APPROX. DATE WORK WILL	START*	
21 ELEVATIONS (Show whether DF, RT, GR, etc.) 6248' GR			September I,		
	NG AND CEMENTING	PROGRAM			
SIZE OF HOLE GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF		
12-1/4" 9-5/8"	36# J-55	200' +/-	130 cu ft. Cl "B" w/ 3		
8-3/4" 7"	20# J-55	3245' +/-	639 cu.ft. lead & 305		
6-1/4" 4-1/2"	10.5#, J-55	3145 - 5630' +/-	218 cu.ft. lead & 218	cu.ji. tan	
Great Western Drilling Company proposes above described location in accordance with This location has been archaeologically surhave been submitted directly to your office. The wellpad, access road, and pipeline will was held with the BLM on 7/23/01. It was a pipeline ROW. This bottom has procedural review pursuant to 45 CFR: IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposed is to drill or deepen directionally, give pertinent data on state of the proposed is to drill or deepen directionally, give pertinent data on state of the proposed is to drill or deepen directionally, give pertinent data on state of the proposed is to drill or deepen directionally, give pertinent data on state of the proposed is to drill or deepen directionally, give pertinent data on state of the proposed is to drill or deepen directionally, give pertinent data on state of the proposed is to drill or deepen directionally.	h the attached drill veyed by La Plata LAC Report 2001-4 be located on fee s greed during the or \$185.3 3185.4. sal is to deepen or plug back,	ing and surface us Archealogical Ser 41d urface land. An on asite that the acces	re plans. vice. Copies of their reservice. Copies of their reservice. n-site inspection as road would be adjaced would be adjaced to confident the confident of the confident	eport are ent to the E WITH ATTACHED TS2 ve zone.	
24.	TITLE PAI	ıl Thompson, Ager	at date 7.	/23/01	
SIGNED Taul L. / homes	- IIILE I at	u Tuompson, Agei	,, par //		
(This space for Federal or State office use)		S	2/12/11		
PERMIT NO.	APPROVAL DATE	n the subject lease which would e	ntitle the applicant to conduct operations	thereon	
Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. CONDITIONS OF APPROVAS, IF ANY: APPROVED BY APPROVED BY Marchael DATE S 13 O THE AFM Marchael DATE S 13 O THE APPROVED BY THE THE THE THE THE THE THE TH					

*See Instructions On Reverse Side

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.

District I PO Box 1980, Hobbs, NM 88241-1980

District II PO Drawer DD, Artesia, NM 88211-0719

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

District IV PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico Energy, Minerals & Natural Resources Department

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

Form C-102 Revised February 21, 1994 Instructions on back

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

AMENDED REPORT

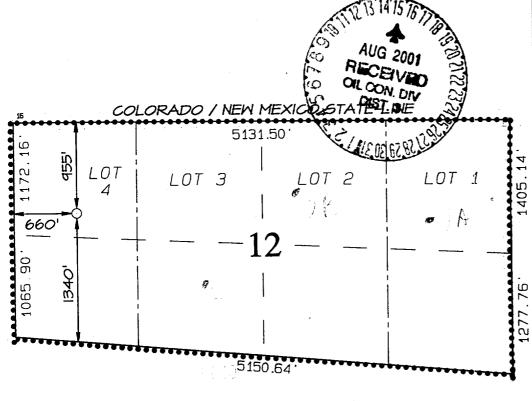
WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	*Pool Code	³Pool Name	
30.045-30153	72319	BLANCO MESAVE	RDE
Property Code	Pr	operty Name	*Well Number
4775	J.E	. DECKER	2C
'OGRID No.	*Op	erator Name	*Elevation
009338	GREAT WE	STERN DRILLING	6248
	10 Cup 6	ace I esation	

¹⁰ Surface Location

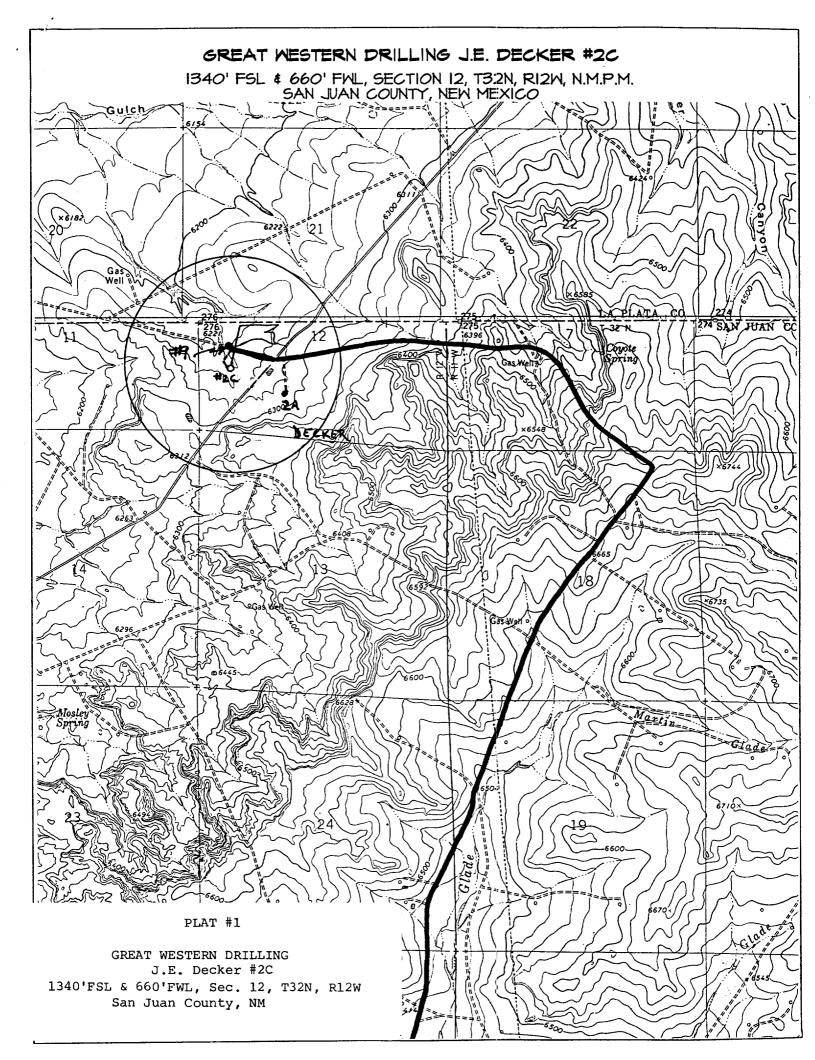
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	12	32N	12W		1340	SOUTH	660	WEST	SAN JUAN
		11 E	ottom	Hole L	ocation I	f Different	From Surf	ace	
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	- East/West line	County
¹² Dedicated Acres					¹³ Joint or Infil	1 14 Consolidation Code	e ¹⁵ Order No.		
S/2	336	acres			ı	С			

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



17 0055:3		
I" OPERAT	TOR CERTIFICA	TION
I hereby certify	that the information contained e to the best of my knowledge a	herein is
000000000000000000000000000000000000000		
Paul C	Thomas -	_
Signature		
Paul C	. Thompson	
Printed Na	ame	
Agent		
Title		
7/24/0	1	
Date		
18 CLIDVE	YOR CERTIFICA	TTON
I hereby certify	that the well location shown o	n this plat
was plotted from or under my supe	that the well location shown on field notes of actual surveys ervision, and that the same is to sest of my belief.	made by me
correct to the b	sest or my belier.	
JUNE	1, 2001	
Date of Si	II, LOOI	
	C EDI	
Simature and Se	urt art inch betrette in intervenor	
Signature and Se	A Comment	
Signature and Se	MEY	
Signature and Se	1. 2001	
Signature and Se	MEXICO S	<u> </u>
Signature and S		b
Signature and Se		b

6857



J.E. Decker #2 Operations Plan Pg. #2

C. Minimum Blowout Control Specifications:

Double ram type 2000 psi working pressure BOP with a rotating head. All ram type preventers and related equipment will be hydraulically tested at nipple-up and after any use under pressure to 1500 psi.

The blind rams will be hydraulically activated and checked for operational readiness each time pipe is pulled out of the hole. All checks of the BOP stack and equipment will be noted on the daily drilling report. The BOP equipment will include a kelly cock, floor safety valve, and choke manifold all rated to 2000 psi.

IV. Materials

A. Casing Program:

Hole Size	Depth	Casing Size	Wt. & Grade
	-	_	
12-1/4"	200'	9-5/8"	36# J-55
8-3/4"	3245′	7"	20# J-55
6-1/4"	5630′	4-1/2"	10.5# J-55

B. Float Equipment:

- a) Surface Casing: Notched collar and 3 centralizers on the bottom 3 collars.
- b) Intermediate Casing: Cement-nosed guide shoe and insert float collar on top of the bottom joint. Place 5 centralizer on every other collar starting at the float, and turbolizers on every third collar starting at 2900' to the surface.
- c) Production Casing: 4-1/2" whirler type cement-nosed guide shoe and a latch collar on top of the shoe joint. A 7" X 4-1/2" liner hanger will be set at approximately 3145' (at least 100' of overlap into the 7" casing).

J. E. Decker #2C Operations Plan Pg. #3

V. Cementing:

Surface casing: 9-5/8" - Use 110 sx (130 cu. ft.) of Cl "B" with 3% CaCl₂, and ½ #/sk. celloflake. (Yield = 1.18 cu. ft./sk; slurry weight = 15.6 PPG). 100% excess to circulate cement to surface. WOC 12 hours. Pressure test surface casing to 1500 psi for 30 min.

Intermediate casing: 7" - Lead with 310 sx (639 cu. ft.) of Cl "B" 65/35 poz with 10% gel, 2% CaCl₂, and ½ #/sk. celloflake. Yield = 2.06 cu. ft./sk; slurry weight = 12.3 PPG). Tail with 210 sx (305 cu. ft.) of Cl "B" 50/50 poz with 4% gel, 0.4% fluid loss, 2% CaCl₂, and ½ #/sk. celloflake. (Yield = 1.45 cu. ft./sk; slurry weight = 13.2 PPG). Total volume = 944 cu.ft. Use 100% excess in lead and 75% excess in tail to circulate cement to surface. WOC 12 hours. Pressure test casing to 1500 psi for 30 min.

Production Casing: 4-1/2" - Before cementing circulate hole clean with air. Precede cement with 20 bbls of gel water and 10 bbls of water.

1st Stage: Lead with 150 sx (218 cu.ft) of Cl "B" 50/50 poz with 4% gel 0.4% fluid loss, and 2% CaCl2. (Yield = 1.45 cu. ft./sk; slurry weight = 13.2 PPG); Tail with 150 sx (218 cu.ft.) of Cl "B" 50/50 poz with 4% gel, 0.4% fluid loss, 2% CaCl2, 4% phenoseal, and ½ #/sx celloflake (Yield = 1.45 cu. ft./sk; slurry weight = 13.2 PPG). Total cement volume is 464 cu.ft. 70% excess to circulate the liner top. Run temperature survey after 8 hours if cement is not circulated.

Paul C. Thompson, P.E.