Form 3160-3 (July 1989) (formerly 9-331C)	DEPA BU	VINC MIFR UIRED ons on	3D-D25-32253 BLM Roswell District Modified Form No. NMO60-3160-2 5. LEASE DESIGNATION AND BERIAL NO. LC 059576									
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK									G. IF INDIAN, ALLOTTED OR TRIBE NAME			
AFFLICAT 1a. TYPE OF WORK b. TYPE OF WELL OIL WELL								7. UNIT AGREEMENT NAME Maljamar Grayburg Unit 8. FARM OR LEASE NAME				
2. NAME OF OPERAT	the second s				3a. A	rea Code & P						
The W	2	9. WELL NO.										
3. ADDRESS OF OPERATOR									151			
PO Box 1412, Artesia NM 88211-1412 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)									10. FIELD AND POOL, OR WILDCAT Maljamar Grayburg San Andres			
At surface 66	0' 21	271										
		49' FEL, Unit	В					11. SEC., T., R., M., OR BLK. AND SURVEY OR ABEA				
At proposed pro	d. zobe	575						10-17S-32E				
		ON FROM NEAREST TOWN						12. COUNTY OR PARISH 13. STATE				
One-half	: (1/2) of a	mile east of	Malja					Lea				
LOCATION TO M PROPERTY OR 1	15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig, unit line, if any)				16. NO. OF ACEES IN LEASE 17. NO. 3280				40			
13. DISTANCE FRO	M PROPOSED LOCAT	ION*					20. ROT.	TARY OB CABLE TOOLS				
OR APPLIED FOR.	ON THIS LEASE, FT.	861.		4400'			Rotary					
21. ELEVATIONS (SI	low whether DF, R	(1, GR. etc.) 4195 4246	GR						15/93	RE WILL ST		
23.		PROPOS	ED CASI	ING AND CE	MENTIN	IG PROGRAM	I	No	Wate	Basia		
HOLE SIZE	CASING SIZE	WE IGHT/FOOT		GRADE		THREAD TYPE		SETTING DEPT		TITT OF CE	HENT	
12-1/4"	8-5/8"	24#	J-55			8 R		1150'		<u>ulate</u>		
7-7/8"	5-1/2"	17#		K-55		8 R		4400' (			to bring	
		•		•					K of s		to base	
0 1150 B IN ABOVE SPACE zone. If proposi preventer progra 24. SIGNED (This space	- 4400' D: DP Program: Will instal Type "E" Sh drillingin	rill with fresh rill with brind l on the 8-5/8 affer Double H the Queen form records : If proposal epen directionally, give Harker Harker te office use)	e wate " surf ydraul ation.	er Eace cas Lic BOP Ppen or plug at data on B	and v	GENE SPEC ATT/ a 10" Ser vill test ive data on pu re locations un	CRAL RI LAL ST ACHED Lies 90 befo:	UBJECT TO QUIREMENTS PULATIONS		stips Aug 3 Aug 3		
PERMIT NO.		- AT	10				-		0	100	<u></u> ?र	
APPROVED BT	APPROVAL, IF ANY	). dene	<u> </u>	ITLE AF	REA N	ANAGE	R	DATE	<u> </u>	29-9	2	

\*See Instructions On Reverse Side

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#### APPLICATION FOR DRILLING

THE WISER OIL COMPANY MALJAMAR GRAYBURG UNIT WELL NO. 151 596' FNL & 1843' FEL, UNIT B SECTION 10, TOWNSHIP 17 SOUTH, RANGE 32 EAST LEA COUNTY, NEW MEXICO LEASE NO. LC 059576

In connection with Form 3160-3, Application for Permit to Drill subject well, The Wiser Oil Company submits the following items of pertinent information in accordance with BLM requirements:

- 1. The geological surface formation is recent Permian with quaternary alluvium and other surficial deposits.
- 2. The estimated tops of geological markers are as follows:

Rustler Anhydrite	1060 <i>'</i>
Top of Salt	1290 <i>'</i>
Base of Salt	2220 <b>′</b>
Queen	3350 <b>′</b>
Grayburg	3800 <i>'</i>
San Andres	4100 <i>'</i>
T.D.	4400 <i>'</i>

- 3. The estimated depths at which water, oil or gas formations are anticipated to be encountered:
  - Water: There is little, if any, fresh water in this section.
  - Oil: Grayburg and San Andres below 3900'.

Gas: None anticipated.

- 4. Proposed Casing Program: See Form 3160-3.
- 5. Proposed Control Equipment: See Form 3160-3.
- 6. Mud Program: See Form 3160-3.
- 7. Auxiliary Equipment: Blowout preventer, gas detector, kelly cock, pit level monitor, flow sensors and stabbing valve.
- 8. Testing, Logging and Coring Programs:

Drill Stem Tests: None planned.

Logging: GR-DLL-MSFL-Cal T.D. - 2300' GR-CNL-CDL-Cal T.D. - Surface

Coring: From approximately 3950' to 4300'.

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APPLICATION FOR DRILLING Maljamar Grayburg Unit #151 Page 2

9. No abnormal pressures or temperatures are anticipated. In the event abnormal pressures are encountered, the proposed mud program will be modified to increase the mud weight.

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# BOP ~ CHOKE MANIF )LD

12"/900 Cameron SS Space Saver 3000# Working Pressure 3000# Working Pressure Choke Manifold



Maljamar Grayburg Unit #151 BOP & Choke Manifold Diagram

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Distance Office State Lease - 4 copies Fee Lease 3 copies

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

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

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

660

990

1320

1650

1980 2310

2640

2000

1500

Energy, Minerals and Natural Resources Department

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section Operator 10250 W cll No. The Wiser Oil Company Maljamar Grayburg Unit 151 Unit Letter Section Township Range County R 10 17 South 32 East <u>NMI'M</u> Lea Actual Footage Location of Well: 660 feet from the North 2127 line and fect from the East line Ground level Elev. Producing Formation Pool Dedicated Acreage: 4195 Grayburg & San Andres Maljamar Grayburg San Andres 40 Acres 1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below. 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). 3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.? Yes No No If answer is "yes" type of consolidation If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if neccessary. 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 interest, has been approved by the Division. OPERATOR CERTIFICATION I hereby certify that the information 99 4221.2 contained herein in true and complete to the 4195.0 best of my knowledge and belief. 2127' Signature 4179.4 4195.3 Printed Name Perry L. Hughes Position Agent Company The Wiser Oil Company Date 9 29 9\_3 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervison, and that the same is true and correct to the best of my knowledge and belief. Date Surve Ser Signatur Professi ŧ, ANFESSION N Certificate N 8112 330

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