	-				30-022	-20168
Form 31603 (November 1983) (formerly 9-331C)	DEPARTMENT	ED STATES			Budget Bure Expires And	ed. Bu No. 1004-0136 MT 31, 1985
		LAND MANAGEME			NM-5517- 6	THE AND BEELAL NO.
APPLICATIO	N FOR PERMIT	O DRILL, DEEP	EN. OR PLUG R	ACK		TTEN OR TRIBE NAME
A. TIPE OF WORK					· 1 · -	
D. TYPE OF WELL		DEEPEN			7. UNIT AGREEMEN	TNAMB
NAME OF OPERATOR	ELL OTHER				5. FARM OR LEASE	NAMB
Meridian Oi	l Inc.				Shinnery F	<u>ederal</u>
ADDRESS OF OPERATOR					9. WELL NO.	
21 Desta Dri	ive, Midland, T	exas 79705			10. FIELD AND POO	LOOR WILDCAT
At survee	eport location clearly and	in accordance with any a	State requirements.*)		Ouerecho Pl	<u>Bone</u> Spri
At proposed prod. zor	FNL & 2310' FW	_, Sec. 13, 118	S, R32E		11. SEC. T., B., M., AND SUBVEY OF	OR BLE
4. DISTANCE IN MILES	AND DIRECTION FROM NEAR	LAT TOWN OR POST OFFIC			<u>Sec. 13,</u> T	185, R32E
11 miles Sou	ith Southeast of	Maljamar, NM	•		12. COUNTY OR PAR	ISB 13. STATE
D. DISTANCE FROM PROPO LOCATION TO NEAREST	r	16. NO	). OF ACRES IN LEASE	17. NO. C	LEa	NM
Also to Dearest drig	. unit line, if any)	1650'	80	το τ	HIS WELL 4()	
S. DISTANCE FROM PROP TO NEAREST WELL, D			OPOSED DEPTH	20. ROTA	ET OR CABLE TOOLS	
OR APPLIED FOR, ON TH	IS LEASE, FT.	980'	8700'		Rotary	
3845' GR	ther DF, KT, GR, etc.)				22. APPROX. DATE	WORK WILL START
<u> </u>					January 1	, 1990
······		PROPOSED CASING AND	CEMENTING PROGRAM	l		
17 1/2"	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH		QUANTITY OF CE	MENT
12-1/4" 11'	13 3/8" 8 5/8" 7'	48	350 400'	370 9	sx. circulate	
7-7/8" 6 1/4"	5-1/2" 4 1/21	24 23	<u>2900' 5,300'</u> 8700'	700 9		<u>)</u>
	, -	17		-850 9		
CHANGES	EIN ITCM 23 AB	ONE ARE ACCO	RDING TO SUN	DRY N	OTICE DATED	12/12/00
MUD PROGRAM:	Го'-ч 8000'	00' FW GEL/L F=D. (Cut Brine	Ime SPUD MUD J 4 /Drispac System D UP AT 8,000' W	00'- 5,3 )	300' BRIMES	AS PER SUMDRY
BOP PROGRAM:	10" 3M for remai BOP and o	BOP stack to nder of drill	be installed o ing. Stack to P. Test BOP's	n 8 5, consis	/8" and left st of blind	ram
t i sa a						
ATRONED						
ABOVE SPACE DESCRIBE ne. If proposal is to d eventer program, if any	PROPOSED PROGRAM : If pr Irill or deepen directional	oposai is to deepen or pi y, give pertinent data of	lug back, give data on pre n subsurface locations and	sent produ measured	uctive sone and prop I and true vertical de	osed new productive pths. Give blowou
	-	nilett i				
SIGNED	1 /	top topher it is cr	•. Staff Env./Re	a Sha	0 117	20700
				y. spe	C. DATE 11/	28/89
(This space for Feder	al or State office use)					
PERMIT NO			APPROVAL DATE			
/						
A			A MANACER LSSAD BESONS			

-

## \*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 incredential.

SUNDRY NOTICES AND REPORTS ON WELLS         In the damped of		UNITED STATES PARTMENT OF THE INTERIO BUREAU OF LAND MANAGEMENT	CONTACT RECEIVIN, OFFICE FOR MADBUR OF COPLES REPURED (Other Instructions on re- verse side)	RIM Roswell District Mailfied Form No. NO60-3160-4 5. LEASE DEJIGNATION AND BERIAL NO. NM 5310 CC L					
2:       With an officer interment         2:       Description         2:	(Do not use this form f	or proposals to drill or to deepen or plug back	to a different reservoir	0. IF INDIAN, ALLOTTEE OR TRIBE NAME					
a concerned of order or 21 Descar by order or an event of the formation of the formation of the formation of the secondary of the formation	OIL CAS GAS	)T fi ØR							
21 Desta Drive, Midland, Texas 79705         * Desta Drive, Midland, Texas 79705         * Destablishing of the Life of the Action denty and in accordance with say Nate requirements.*         Att number         16 File ages of the Life of the Action denty and in accordance with say Nate requirements.*         16 File ages of the Action denty and in accordance with say Nate requirements.*         17 The Action ages of the Action denty and in accordance with say Nate requirements.*         18 File ages of the Action denty and in accordance with say Nate requirements.*         19 File ages of the Action denty and in accordance with say Nate requirements.*         10 File ages of the Action denty and in accordance with say Nate requirements.*         10 File ages of the Action denty and the accordance with accordance with accordance of Notice, Report, or Other Date         10 File ages of the Action denty accordance of Notice, Report, or Other Date         10 File ages of the Action denty accordance of Notice, Report, or Other Date         10 File ages of the Action denty accordance of Notice, Report, or Other Date         11 File ages of the Action denty accordance of Notice, Report, or Other Date         12 File ages of the Action denty accordance of Notice, Report, or Other Date         13 File ages of the Action denty accordance of Notice, Report, or Other Date         14 File ages of the Action denty accordance of Notice, Report, or Other Date         15 File ages of the Actin denty accordance of Notice, Report, accordan			915/686-5600						
14       December 201       12       COUNTY OF PARIAN       13       First 12         14       Ordeck Appropriate Box To Indicate Nature of Notice, Report, or Other Data       NM       NM         14       Ordeck Appropriate Box To Indicate Nature of Notice, Report, or Other Data       NM       NM         14       Ordeck Appropriate Box To Indicate Nature of Notice, Report, or Other Data       NM       NM         15       Matter Andrea       Mitter or Networks or Indicate Nature of N	4. LOCATION OF WELL (Report 1 See also space 17 below.)	ocation clearly and in accordance with any Sta		5 10. FIELD AND FOOL, OR WILDCAT Querecho Pl. (Bone Spring) 11. SEC., T., R., M., OR BLK. AND BURYEY OR AREA					
WITCL 0F UPERTION TO:       WILL DR ALTER PISTOR       WILL DR ALTER PISTOR <t< td=""><td>14. PERMIT NO.</td><td></td><td>, GR, etc.)</td><td>12. COUNTY OR PARISH 13. STATE</td></t<>	14. PERMIT NO.		, GR, etc.)	12. COUNTY OR PARISH 13. STATE					
TEST WATTA SHUTORY       In LOBA LITER CONNELTE         WALTER THAT       NULTIPLE CONNELTE         Shutor on Arthur       ARABONANCY         IDDAYS       CANNOT DEATH         WALTER THAT       ARABONANCY         Shutor on Arthur       ARABONANCY         IDDAYS       CANNOT DEATH         WALTER THAT       ARABONANCY         IDDAYS       CANNOT DEATH         IDDAYS       CANNOT DEATH         IDDAYS       CANNOT DEATH         IDDAYS       CANNOT DEATH         IDDAYS       Set 400° of 13 3/8" 48.0 ppf, H-40, SIC Casing in a 17 1/2"         hole.       Set 5300° of 7", 23 ppf, K-55, LIC Casing in a 17 1/2"         hole.       Set 5300° of 4 1/2", 11.6 ppf, K-55, LIC Casing in a 6 1/4"         hole.       D-400° FW Ge1/Lime Spud Mud.         400° - 5300° Sat'd brine water. Sweep hole @ TD.         5300° - TD Cut brine. Mud up at 8000° W/ Drispac/Starch.         CEMENT PROGRAM:       Cement 13 5/8" to surface w/ 1500 sx "C" + 2% CaCl2.		16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data							
PRACTINE TRAT       WILLIPLE CONFISTE         WILLIPLE CONFISTE       ANAMON'S         CASING PROGRAM:       Set 400' of 13 3/8" 48.0 ppf, K-55, LTC Casing in a 17 1/2"         hole.       OLASO' Salt'S budded       ANAMON'S         MUD PROGRAM:       0-400' FW	[								
<ul> <li><sup>11</sup> DATE MULTING TO THE LOOP LETER DEPARTMENT of Life State all portland details and measured and top services measured and top services and some perturbation are recompleted methods and top services and some perturbation are recompleted works. If and the detailed of Atarting any measured work, If and is direction are recompleted works, If and the detailed of the detail of the</li></ul>	FRACTURE TREAT	MULTIPLE COMPLETE	PRACTURE TREATMENT SHIQUTING OR ACTOIZING (Other)	ALTERING CABING					
400' - 5300' Sat'd brine water. Sweep hole @ TD. 5300' - TD Cut brine. Mud up at 8000' w/ Drispac/Starch. CEMENT PROGRAM: Cement 13 5/8" to surface w/ 250 sx "C" + 2% CaCl2. Cement 7" to surface w/ 1500 sx "C" Lite + 15% salt lead and 500 sx "C" Neat Tail. Cement 4 1/2" to ±6300' in one stage w/ 400 sx Super "H". IR. I bereby certify that the foregoing is trac and correct signed in the foregoing is trace and correct signed in the	CASING PROGRA	<u>4:</u> Set 400' of 13 3/8" 48 hole. Set 5300' of 7", 23 ppf Set 8700' of 4 1/2", 1 hole.	5.0 ppf, H-40, STC ( 5. K-55, LTC Casing 1.6 ppf, K-55, LTC	l depths for all markers and zonen perti- Casing in a 17 1/2" in an 11" hole.					
Cement 7" to surface w/ 1500 sx "C" Lite + 15% salt lead and 500 sx "C" Neat Tail. Cement 4 1/2" to ±6300' in one stage w/ 400 sx Super "H". IR. I hereby certify that the foregoing is true and correct SIGNED	MUD_PROGRAM:	400' – 5300' Sat'd brine water. Sweep hole @ TD.							
18. I hereby certify that the foregoing is true and correct SIGNED	Cement 7" to surface w/ 1500 sx "C" Lite + 15% salt lead and								
SIGNED - RUCE BY MULLA CONTRACT TITLE Sr. Staff Env. /Reg. Spec. DATE 12/13/89 (This space for Federal or State office use) APPROVED BY MULLA FORENTL TITLE FERDIFICANCE DATE 12 2007	18 Thereby certify that the fai		' in one stage w/ 40	00 sx Super "H".					
(This space for Feddral or State office use) APPROVED BY Allene Forente TITLE DATE 12 2087	$h \to h$	$-m_{\rm eff} = O(\Lambda)$							
	APPROVED BY	in forente TITLE_FET	AONECHAR C						

\*See Instructions on Reverse Side

NECELVED DEC 21 1989 OCD HOBBS OFFICE Shinnery Federal No. 5 1650' FNL & 2310' FWL Sec. 13, T-18-S, R-32-E Lea County, New Mexico NM-5516

To supplement USGC Form 3160-3 Application to Drill the following additional information is submitted concerning questions on Page 5 of NTL-6:

1. 2. 3. 4. 5.	See Form 3160-3 See Form 3160-3 The geological name of surface formation is: Ochoa See Form 3160-3 See Form 3160-3
6.	The estimated tops of important geological markers are: Yates 2,840' Bone Spring LS 6,800' Queen 3,980' 1st Bone Spring Sand 8,310' San Andres 4,610' 2nd Bone Spring Carb. 8,600' Delaware 6,000'
7.	The estimated depths at which anticipated water, oil, gas, and mineral bearing strata are as follows:
0	Delaware 6,000' - Oil Bone Spring 6,800' - Oil
8. 9.	See Form 3160-3. All casing will be new. See Form 3160-3 for depths of strings. Cement volumes and additions as
J.	follows:
	a. 13 5/8" csg: Cement w/370 sx Cl. "C" + 2% CaCl <sub>2</sub> . Circulate.
	b. 8 5/8" csg: Cement w/450 sx Lite and tail-in w/ 250 sx Cl. "C"
	w/2% CaCl <sub>2</sub> . Circulate.
	c. 5 1/2" csg: Cement w/ lead: 600 sx Lite "C"; tail in w/ 250 sx Cl. "H" + FLA.
10.	The pressure control diagram is attached to Form 3160-3. The following
	additional information is as follows:
	8 $5/8$ " casing installation: 10" – 3M BOP stack to be installed and
	tested by an independent tester to 3,000 psi before drilling the 8 5/8"
	casing shoe. The BOP stack to consist of a blind ram BOP, and one pipe ram BOP.
11.	See Form 3160-3
12.	A. DST Program: None
	B. Core: None
	C. Mud Logging: Two (2) man unit from intermediate casing seat to TD.
	D. Wire Line Logs:
	The following suite of logs will be run in both of the listed
	intervals:
	GR/CNL/LDT TD-2900' (GR/CNL to surf) GR-DLL-MSFL TD-2900'
13.	No abnormal pressures are anticipated. Bottom hole pressures at TD
	expected to be 3100 psi. Bottom hole temperature 135° F. No Hydrogen
	Sulfide expected in this known drilling area. No crooked hole or
	abnormal deviation problems.
14.	Anticipated starting date to spud - on or before 1-01-90. Anticipated

Anticipated starting date to spud – on or before 1-01-90. Anticipated drilling time expected to be 20 days from surface to TD.

#### SURFACE USE PLAN

#### MERIDIAN OIL INC.

Shinnery Federal No. 5 1650' FNL & 2310' FWL Sec. 13, T-18-S, R-32-E Lea County, New Mexico NM-5516

This plan is submitted with Application to Drill on above described well. The minerals are federal and the surface is leased for grazing (See below for surface lessee). The purpose of this plan is to describe the location, proposed construction activities and operations plans, magnitude of necessary surface disturbance and procedures to be followed in rehabilitating the surface after completion of the operation so that complete appraisal can be made of the environmental effects associated with the operations.

1. Existing Roads:

Exhibit "A" is a portion of a USGS Topographic map showing the location of the proposed well as staked.

Directions to the well are as follows: From the junction of US 529 and Hwy. 33, 4.6 miles south of Maljamar, go SSW 1.7 miles on Co. Rd. 126, thence SE 3.0 miles, thence east 1.5 miles, thence north 0.5 mile, thence east 0.3 mile, thence north 0.4 mile to a point  $\pm 2000^{\circ}$  east of the SW<sup>C</sup> of Section 13.

- 2. <u>Planned Access Road</u>:
  - a. The temporary access road will be  $\pm 244'$  long and 12' wide and will extend from an existing lease road west to the proposed site. The center line has been staked and flagged.
  - b. Surfacing material: 6" of caliche, watered, compacted and graded.
- 3. Location of Existing Wells in Area:

See Exhibit "B"

4. Location of Proposed Facilities:

Location of proposed well site and tank battery is shown on Exhibit "C". The battery will be located on proposed well pad, no additional surface disturbance will be necessary.

5. Water Supply:

No available surface or sub-surface fresh water exists in the vicinity of the proposed well. Drilling water will be transported or pumped to the drill site from the nearest commercial source. 6. <u>Source of Construction Material</u>:

Caliche for surfacing access road and pad will be obtained from existing pit located in the SW SE Sec. 15, T-18-S, R-32-E. There has been an Archaeological Report filed on this pit.

### 7. <u>Handling Waste Disposal</u>:

- a. Drill cuttings disposed into drilling pits.
- b. Drill fluids allowed to evaporate in drill pits until pits dry.
- c. Produced water during testing drill pits.
- d. Produced oil during testing storage tank until sold.
- e. Current laws and regulations pertaining to disposal of human waste will be observed.
- f. Reserve pit will be plastic lined.
- g. Waste paper, garbage, and junk will be disposed of into a special trash bin on location and disposed of at an approved landfill site. All waste material will be contained to prevent scattering by wind.
- h. All trash and debris will be removed from well site within 30 days after drilling and/or completion operations are finished.
- 8. Ancillary Facilities:

None

- 9. Plans for Restoration of Surface:
  - a. After completion of drilling and/or completion of operations, all equipment and other material not needed for operations will be removed. Pits will be filled and locations cleaned of trash and junk to leave well in as aesthetically pleasing a condition as possible.
  - b. Any unguarded pits containing fluids will be fenced until filled.
  - c. After abandonment of well, surface restoration will be in accordance with the Bureau of Land Management Surface Requirements.
- 10. Topography and Soil:

New Mexico Archaeological Services, Inc. Report by Dr. J. Loring Haskell will be submitted when available. The field work has been completed.

11. Land Use:

Grazing and hunting - Federal

Surface Lessee - Caviness Cattle Company c/o Mr. Gary Caviness East Star Route Maljamar, New Mexico 88264 Surface Use Plan Shinnery Federal No. 5 page three

12. <u>Surface Ownership</u>:

Bureau of Land Management (Federal)

13. Operators Representatives:

Field representatives (Responsible for compliance with approved surface use and operations plan):

Meridian Oil Inc. P. O. Box 837 Hobbs, New Mexico 88240 Office: 505-393-5844

Mr. Johnny Ellis, Drilling Foreman, or a consultant Hobbs, New Mexico Home: 505-393-8150

Mr. Bill Dawson, Drilling Superintendent Midland, Texas Office: 915-686-5600 Home: 915-682-9037

14. <u>Certification</u>:

I hereby certify that I, or persons under my supervision, have inspected the proposed drill site and access route; that I am familiar with conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed by Meridian Oil Inc. and its contractors and sub-contractors in uniformity with this plan and the terms and conditions under which it is approved.

Date: 11 28 89

uchter for LHS

L. H. Sinclaif Senior Drilling Engineer Meridian Oil Inc.

Submat to Appropriate District Office		State of New Mexico E, Minerals and Natural Resources Departme.			Form (* 102 Revised 1-1-89
iate Lease - 4 copies ce Lease - 3 copies ISTRICT I		OIL CONSI	ERVATION DIVI	SION	
O. Box 1980, Hobbs, NM 8	88240		P.O. Box 2088		
<u>ISTRICT II</u> O Drawer DD, Artesia, NM	1 88210	Santa Fe, 1	New Mexico 87504-208	\$8	
<u>ISTRICT III</u> XX) Rio Brazos Rd , Azec, 1	NM 87410		ND ACREAGE DEDICA		
perator			Lease		Well No
MERID	IAN OIL,	INC.	SHINNERY	FEDERAL	5
nit Letter Section	Tov	vaship	Range	County	1
F	13	18-SOUTH	32-EAST	NMPM .	LEA
ctual Footage Location of W			07.0		
1650 feet trop round level Elev	m the NO Producing For	HCTH line and	2310	teet from the WE.	inic
3845'	Querecho		Bone Sprin	λα	Dedicated Acreage
		· · · · · · · · · · · · · · · · · ·	ncil or hachure marks on the plat		40 Acres
1. 544444 417 4676		e ansjour wen of connec pe			
2. It more than one	e lease is dedicated	to the well, outline each and	d identify the ownership thereof (	both as to working interest an	d royalty)
unitization, force [] Yet If answer is "no" h this form if necces	ist the owners and	If answer is "yes" ty tract descriptions which have	pe of consolidation e actually been consolidated. (Us	ie neverse side of	
No allowable will	be assigned to the	well until all interests have b ng sikili interest, has been ap	peen consolidated (by communitiz	ation, unitization, forces pool	ing, ör ötherwise)
			T	OPERA	TOR CERTIFICATION
				1	y certify that the information
	1		1		rein in true and complete to t
	1			best of my pro	wledge and belief
		7650'		Signature	en de ferrelan
				Pripted Name	filer & Linds
	****		<b></b>	Robert Postion	L. Bradshaw
<b>_</b>	<b>23</b> 10	-0			ff Env./Reg. Spec.
				Company	·
				Meridi	an Oil Inc.
				Date	11/20/00
	*		1	······································	11/28/89
	- <b>þ</b>			SURVE	YOR CERTIFICATION
				on this plat actual surve supervision,	iify that the well location sho was plotted from field notes ys made by me or under and that the same is true a the best of my knowledge u
			1	Date Survey	ad an
				NOVE Signature &	MBER 21, 1989 Seal of
				Professional Certificate N	Jaizno
0 3.30 660 990 1	320 1650 198	0 2310 2640 20	000 1500 1000	Certificite N 500 0	7920



OCD HOBBS OFFICE

DEC 21 1989

RECEIVED

1 (Pan Am) az Furlas 1 (Pan Am) az Furlas 1 (Pan Am) az Furlas		1 • • • • • • <sup>121</sup> 28 \$	M. 11 pr 33 ( ) 11 pr 1	1 (NIS) every hunder	•
321 83 11 55 15 15 15 15 15 15 15 15 15 15 15			Canti Carter Cont SE	MALJAMAKUMIT	28 #
346 Jersan		THE FILL S'Miller	Tollos An Os great	# Tr 6 # 1.200 #	
220 221 10 0 10 10 0 1 10 0 10 1 10 0 10 0 1	H 8. PO				
12 al 201 Ol Alerboo 201 Ol 161 Alerboo	Conoro to Kite Jon to		A P & POAt HAA C + Cers Cit, Serv. A tes Serv. Sho is toll too f at was constructed by the server a tes Serv. Sho is toll too f at was constructed by the server a tes tes		Constant Steers 1 2 stars from the stars
BM Jackson 34	35 Nudson L Hudson L	S Stan	10747 11 000 10 31 10 10 10 RH 10000 50 10 10 10 10 Terminane 51 05 104001 1.1.36 1.5050	Z CD D Meusiond Se	Greatent Argent 33 578 Fred Res 7 Denug 7 Denug 7
Reading & Barts . Marathan Site Anton	5 Coctaburn (19) 5 Coctaburn		Allan a Mill Minnig A. Will-		Constraint Constraint Regions 1611 4
Marathan   H.E.Yates.	HIL HEAL TANL THEL	Sin Gur Gulf Linoso	U.S. M. Herscheld Gary Caviness(5) attact a netro // and / and / attact a netro // attact a netro / attact a netro // attact a netro / attact a netro // attact a netro / attact a netro / at	AND dema inda l'alla Processo Indian ( Millame Wells Chies Service 1988)	dertener & Gary Caviness
Area	MOUNG DEEP UNIT	( MeCostonals) 40456 16424	H.J.Led 14.31 Penrose Lacharut	hirthe Explosite	At - (C.) Ser. (C.)
	HE VATES (OPER)	4 Gurt , Lotterau 	H.J. Codd is any form of the control	) @4A C 100-Ferr Di E Tatesin Ingl <u>4208</u> 7 5	Fed" JA (2721)
PEARSALL TONSAL UNIT	1	HAS OF THE THE HAS OF THE TOTAL	Fre Offeren (Della Orla)		AEN FINS / Scrapers
Till de verse H E formilien d'	CITORE STATE THE	Versel 2 10 2 10 2 10 2 10 2 10 2 10 2 10 2 1	Mailani " " " " " " " " " " " " " " " " " " "	Nyatt sted U.S.	SI USMI TEN ONTE O' Herscheit Guru Cavinesa Si
San Bresons In E Sansa Duay Dees	Amoco - 10744 o' 2 42 - 735 40-450 - 9109 / 10 7 10000	- Seral - Charris Calver	Anti-Constant of the second of	Anniey Per 1 6-1187 Cunoco 9 11172 - 40 	2 Cit Servi Cit Servi B Coca durnt Saids read 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
2 4 4 5 1 100 40	Last Last Last Last Last Last Last Last	121642 Hans I	Cance .		Fed 5 11 Fed
- 107 - 0-1 43 Amore - Guif 117 - 12642 - 138 - 13 84 1388 - 13 84 138456 - 122642	Crer etal , #1031 Expl 103371 10403 Ameria 413745 40403 Fee 1148 (1416) 145	Amoco 9 : 64 i Enerstel 27085 40482	(*#~ F / ]€9420	Солоса Ц. R. Fremm уг. нар Адтас 069420 нар	Cit Serv Vier Vier
eral LS ALL Free Line Here Villiame U.S. Ti u GSan Cattle Ca	1 Nat. Energial 9 194		PROPOSED LOCATI	ON AS	24 es Ser. 200 40
neti Sprinkielefal	Santa Fe Ener eral HeP 40452 Amere (yates)	131-45 (2 1 62 23436	Sa Anne Aller +4	Conocal : Aster	Fing Jan Spin Ford
	US. MI. Williams	Sedjeg Mobil Begener 7.1.17 939267	S - ANACHINAL I S	N Al Bub irrans	Said Staburne a Meridian Magine A Gerbin-ar I 1
This is a search of the search	Marthall Game Fe Minsten Ener trai	Et Pose Exp. HNG 3-1-00-11-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	and the second se	A de Z (J.M. Huber)	So Roy Standard
14 KGS 14 KARE DI 7 - 80 14 KGS 14 KARE DI 7 - 80 14 KGS 16 KGS 16 KGS 16 KGS 14 KGS 16 KG	Sonta fu Munshall Etpi k Winston 1:127 KEA-1 2715 BARYALTBAT	All Services of the	YOU IT		L& 4957 100 18
Tates an Anna Uli Conaca	Adurge Culture Menteurne	C. farster H yates Maran re B. J. Barter H yates Maran re B. J. B. J. B. Bring J. B. Bring J. B. Fask Stiller Friday	7776 R G Hondesn (2)	F370 U.S.	Source
8 32	The Deriver Line of Li	Cronster   ) - Gurisson untif	Para Paraco (R G Honogan 1/2	4103	
-IPETCOLCOL : 222 PETCO INCOLOR	Ander and Control	Cince de Manue -1 TOIA305	Alland Standard Standard	20 Frainger	AT Artes 181
Anna Ford	7	Lef Part 11 at 20 0000 51 01 21 21 25 132 7 40 0 L.R Fremery 10 (L.R Fremery 10) (L.R Fremery 10) 10 000 10 1000 10 1000	069216	Sa Trainer	U.S. Ford
A Totale JA Case Ja Case Ja Constant Case Ja C	a la manufar therease Hutteria		U.S. R.N.Enfield nudsen mussen	Sine U.S. So Corber Fee	Carbinst Parent Marshar .
1630-1 FS 220	F236 01 145 0000	() Frinch	Charana B2 (C. 379) (M. 7 Charana (M. 7) (C. 379) (M. 7 C. 3412 (C. 379)	(Mudson & Hudson) HBP (Jum M Pennssi) Gessise R.N. Enfield	Uobil Hap Str Fas 0007 RJ H-2017 Str JUNA H-2017 Str Juna
Anonorma etal	Serling of Fe	Binen 25	06927	Stelca67. ARCO	Astec T
- Stant Stant	Anothering of the second secon	45285 @Merron D.s.		IDIAN OIL	EXHIBIT "B"
An Disc (1) U.S. (Land Control of	U 5	"Uncle Sam" U.S	Meridian	Oil, 21 Desta Drive	
TCA250 - INVE SONT 000	(Burleson & Huff) , amagon and (O H Berry, 'a) , and J G Berry, 'a) , and 'a mangon & Barleson it (VH-and) , LB Burleson it (VH-and) , LB Burleson it	H E. Totes 101-1-30		Texas 79705	
OSSECTE P. C. Kay Vie St. Fed Connect	(Sneri-Red)) 4000	94.9-7-79 "French-Se."		AN OIL INC.	
() Care and Texas Amer 271 3-1-051 72 100 24461 others 1.000	Cartes Deerry	Sal West II	1650'	CRY FEDERAL # 5 FNL & 2310' FWL	
A Chinese and A	AGS ditenace (1.1.4 sarce Vetes Diec. U.S.	3 - 1 - 91 VA-30 354 U State	Lea County, New Mexico		
Aligan Dass Sass Fermon Besin	J M Huber	ngs · Nohol	NM-551	.6	
of Tishell-Grue Tisher	501 51 West II (Prat 3 1 91		2140 S.L. 2 2370 2372		



# MERIDIAN OIL.

EXHIBIT "C"

Men iano at 24 Lesta ontae Men 80, 1924 - 22705

MERIDIAN OIL INC. SHINNERY FEDERAL # 5 Sec. 13, T-18-S, R-32-E Lea County, New Mexico NM-5516



PLAT SHOWING a PROPOSED WELL LOCATION and LEASE ROAD in SECTION 13, T-18-S, R-32-E, LEA COUNTY, NEW MEXICO



OCD HOBBS OFFICE

•

DEC 21 1989

RECEIVED

۲

ľ

cb/4/582004