Form 3160-3 (July 1992)

UNITED ST

1	POOL 2005 96554	
	EFF DATE (0/12/96	

UPEN DOMIN NO. 66485 PROPERTY 19649

Expires: February 28, 1995

	DEPARTME	NT OF EF	FON	30-025-33	••••	5. LEASE DESIGNATION A	AND SERIAL NO.	
	BUREAU OF	LAND M AP	tary.	30-025-33	626	6. IF INDIAN, ALLOTTEE	OR TRIBE NAME	
APPL	ICATION FOR				• * • * * * * * * * * * * * * * * * * *			
la. TYPE OF WORK					1	7. UNIT AGREEMENT NA	МЕ	
	RILL X	DEEPEN						
b. TYPE OF WELL OIL X 2. NAME OF OPERATOR	GAS WELL OTHER			SINGLE X MUI	TIPLE E	8. FARM OR LEASE NAM Diaga '18'	e, well no. # 1	
Meridian Oil I	nc					Federal		
3. ADDRESS AND TELEPHON						,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	- (- 1	
P.O. Box 51810	, Midland, TX 79	710-1810		915-68	8-6943	30 · 025 - 3	WILDCAT	
4. LOCATION OF WELL (Rep	ort location clearly and in accord		equirem		<u> </u>	Wildcat Bone	Spring	
At surface 1980' FSL & 19	סט, בויוו					Wildcat Dela		
At proposed prod. zone	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 18, T24S, R32E							
	direction from nearest to least of Carlsbac					12. COUNTY OR PARISH	13. STATE	
15. DISTANCE FROM PROPOS LOCATION TO NEAREST PROPERTY OR LEASE LIN (Also to nearest drig, un			16. NO	0. OF ACRES IN LEASE	17. NO. OF TO THIS	ACRES ASSIGNED WELL 40		
18. DISTANCE FROM PROPOS	SED LOCATION*		19. PR	OPOSED DEPTH	20. ROTAR	20. ROTARY OR CABLE TOOLS		
TO NEAREST WELL, DRI	IS LEASE, FT. N/A 15	t well	9,	200'	Rota	Rotary		
21. ELEVATIONS (Show who						22. APPROX. DATE WO	ORK WILL START*	
3575' CARLS	BAD CONTROLL	ED WATER	BAS	IN		Upon Appro	oval	
23.		PROPOSED CASING	G AND	CEMENTING PROGRAM				
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOO	эт	SETTING DEPTH		QUANTITY OF CE	EMENT	
14 3/4"	10 3/4"	40.5#		600'	500 sx	S WITNESS	CIRCULATE	
9 1/2"	7 5/8"	26.4#		4600'	1200 s	XS CIRCULATE	CHARLE TO THE STATE OF THE STAT	
6 1/8"	4 1/2"	11.6#		9200'	500 sx			
	•	•		,	•			

Not in designated Potash Area.

Not in Prairie Chicken Area

Not in Hydrogen Sulfide Area

Notice of Staking submitted on September 10, 1996.

Contact Person: Donna Williams, 915-688-6943

APPROVAL SUBJECT TO . GENERAL REQUIREMENTS AND SPECIAL STIRULATIONS

CRABE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any. IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: deepen directionally, give

24. TITLE Regulatory Compliance SIGNED (This space for Federal or State office use)

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 APPROVAL, IF ANY:

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.

APPROVAL DATE_

DISTRICT I P.O. Box 1980, Hobbs, NM 88241-1980

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

DISTRICT II P.O. Drawer DD, Artesia, NM 88211-0719

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

DISTRICT IV P.O. BOX 2088, SANTA FE, N.M. 87504-2088

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

□ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-33626	Pool Code 96556	Pool Name Wildcat Bone Spring/Wildcat	Delaware
Property Code 19649		erty Name 8 FEDERAL	Well Number
OGRID No.	-	ator Name	Elevation
26485	BURLINGTON RESOU	RCES OIL & GAS CO.	3575

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
К	18	24 S	32 E		1980	SOUTH	1980	WEST	LEA

Bottom Hole Location If Different From Surface

. Bottom note botation in bilitation from buriage									
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
		_	_						· -
		l			1			1	
Dedicated Acre	s Joint o	r Infill	Consolidation	Code Or	der No.			<u> </u>	

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

		· · · · · · · · · · · · · · · · · · ·	
			OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.
			Signature Donna Williams Printed Name Regulatory Compliance
			Title 9/24/96 Date SURVEYOR CERTIFICATION
1980 ⁻	3574.3'		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 belief.
3576.			SEPTEMBER 12, 1969 Date Surveyed E/O Signature to Soal of O Office spicial Mainty exor
	1980		W.O. Denil. 96-11-31/4 Certificate No. JOHN WEST 676 OFESSION EIDSON 3239 12641

OPERATORS NAME:	Meridian Oil Inc.
LEASE NAME AND WELL NO.:	Diaga '18' Federal Well No. 1
LOCATION:	1980' FSL & 1980' FWL, Sec. 18, T24S, R32E
FIELD NAME:	Wildcat Bone Spring/Delaware
COUNTY:	Lea County, NM
LEASE NUMBER:	NM 66925

The following information is to supplement BLM form 3160-3 Application for permit to drill in accordance with Onshore Oil and Gas Order No. 1:

9 - POINT DRILLING PLAN

1. Name and estimated tops of important geologic formation/marker horizons.

<u>FORMATION</u>	DEPTH
Rustler	800'
Salado	1100'
Delaware	4620'
Bone Spring	8550'

2. Estimated depths at which the top and bottom of formations potentially containing usable water, oil, gas, or prospectively valuable deposits of other minerals are expected to be encountered and the operator's plans for protecting such resources.

Bone Spring

8550'-9200'

3. The operator's minimum specifications for Blowout Preventer (BOP) and related equipment to be used and schematic diagrams thereof showing sizes, pressure ratings, and the testing procedures and testing frequency. BOP and BOP - related equipment (BOPE) schematics shall include schematics of choke manifold equipment. Accumulator systems and remote controls shall be utilized.

13 5/8" 1.5M annular BOP w/rotating head to be installed on the 13 3/8" casing. Test to 750 psi before drilling the 13 3/8" casing shoe.

11" - 3M BOP stack to be installed on the 8 5/8" casing. The BOP stack will consist of one blind ram BOP, one pipe ram BOP, and a rotating head. Tested to 3000 psi before drilling the 8 5/8" casing shoe.

4. The proposed casing program including size, grade, weights, type of thread and coupling, and the setting depth of each string and its condition (new or acceptably reconditioned). For exploratory wells, or for wells as otherwise specified by the authorized officer, the operator shall include the minimum design factors for tensions, burst, and collapse that are incorporated into the casing design. In cases where tapered casing strings are utilized, the operator shall also include and/or setting depths of each portion.

EXISTING CASING:

14 3/4" hole, 10 3/4" J-55 40.5# STC csg, set @ 600'

9 1/2" hole, 7 5/8" J-55 26.4# LTC csg set @ 4600'

6 1/8" hole, 4 1/2" J-55 & N-80 11.6# LTC csg set @ 9200'

- 5. The amount and type(s) of cement, including anticipated additives to be used in setting each casing string, shall be described. If stage cementing techniques are to be employed, the setting depth of the stage collars and amount and type of cement, including additives, and preflush amounts to be used in each stage, shall be given. The expected linear fill-up of each cemented string, or each stage when utilizing stage-cementing techniques, shall also be given.
 - a. 10 3/4" csg: Cmtd w/300 sxs 'C' + 4% gel + 2% CaCl2, tail w/ 200 sxs 'C' + 2% CaCl2. Circ to surface
 - b. 7 5/8" csg: Cmtd w/900 sxs 'C' Lite, tail w/300 sxs 'C' + 2% CaCl2.

- c. 4 1/2" csg: Cmt w/130 sxs 'C' + 3% econolite + .5 pps flocele, tail w/ 370 sxs 'H' 50/50 Poz + .6% Halad-9 + 2% gel + 3 pps Kcl + .25% flocele. TOC @ +/-4400'.
- 6. The anticipated characteristics, additives, use, and testing of drilling mud to be employed, along with the types and quantities of mud products to be maintained, shall be given. When air or gas drilling is proposed, the operator shall submit the following specific information:

Mud Program:

0-600' fresh water, gel and lime system, MW 8.6-9.0 600'-4600' brine, MW 10.0-10.1 ppg 4600'-9200' fresh water, MW 8.3-8.5

- 7. The anticipated testing, logging, and coring procedures to be used, including drill stem testing procedures, equipment, and safety measures.
 - a. DST Program: None
 - b. Core: None
 - c. Mud Logging: Two man unit 4000' to TD
 - d. Logs to be run: DIL/GR/Density/Neutron/Sonic/Gamma Ray

The expected bottom-hole pressure and any anticipated abnormal pressures, temperatures or potential hazards that are expected to be encountered, such as lost circulation zones and hydrogen sulfide. The operator's plans for mitigating such hazards shall be discussed. Should the potential to encounter hydrogen sulfide exist, the mitigation procedures shall comply with the provisions of Onshore Oil and Gas Order No. 6.

No abnormal pressures are anticipated. Bottom hole pressures at TD expected to be 4300 psi. Bottom hole temperature 140 F. There is no anticipated Hydrogen Sulfide in this known drilling area

9. Any other facets of the proposed operation which the operator wishes for BLM to consider in reviewing the application.

Anticipated drilling time expected to be 18 days to TD.

12-POINT SURFACE USE PLAN OF OPERATIONS

1. Existing Roads: A legible map (USGS topographic, county road, or other such map) labeled and showing the access route to the location, shall be used for locating the proposed well site in relation to a town, village, or other locatable point, such as a highway or county road. All access roads shall be appropriately labeled. Any plans for improvement and/or maintenance of existing roads shall be provided. All roads shall be provided or maintained in a condition the same as or better than before operations. The information provided for use and construction of roads will also be used by BLM for the required Plan of Development for a R/W application as described in Section II C of this Order No. 1.

See Exhibit "A" - topographic land surveyors plat showing existing roads and directions to well site.

2. Access Roads to be Constructed or Reconstructed: All permanent and temporary access roads to be constructed or reconstructed in connection with the drilling of the proposed well shall be appropriately identified and submitted on a map or plat. The proposed route to the proposed drill site shall be shown, including distances from the point where the access route exists established roads. All permanent and temporary access roads shall be located and designed to implement the goals of transportation planning and meet applicable standards of the appropriate SMA, and shall be consistent with the needs of the users. Final selection of the rouge location may be accepted by the SMA as early as the predrill inspection or during approval of the APD.

See Exhibit "B" plat for road to be constructed and description.

3. Location of Existing Wells: This information shall be submitted on a map or plat, which includes all recorded wells (water, injection, or disposal, producing, or being drilled) within a 1-mile radius of the proposed location.

See Exhibit "C" - portion of land map showing surrounding wells in area.

4. Location of existing and/or proposed production facilities: For facilities planned either on or off the well pad, a plat or diagram shall be included showing, to the extent known or anticipated, the location of all production facilities and lines to be installed if the well is successfully completed for production. If new construction is planned, the dimensions of the facility layouts are to be shown. This information for off-pad production facilities may be used by BLM for R/W application information as specified in Section II C of Order No. 1.

This hydrocarbon product will go to the new production facilities to be built at the location.

Location of Types of Water Supply: Information concerning water supply, such as rivers, creeks, springs, lakes, ponds, and wells, may be shown by quarter-quarter section on a map or plat, or may be described in writing. The source and transportation method for all water to be used in drilling the proposed well shall be noted if the source is located on Federal or Indian Lands or if water is to be used from a Federal or Indian project. If the water is obtained from other than Federal or Indian lands, the location and transportation method shall be identified. Any access roads crossing Federal or Indian lands that are needed to haul the water shall be described as provided in paragraphs (1) and (2) of this Section. If a water supply well is to be drilled on the lease, the APD shall so state. The authorized officer of BLM may require the filing of a separate APD of a water well.

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>Construction Materials:</u> The operator shall state the character and intended use of all construction material, such as sand, gravel, stone, and soil material. If the materials to be used are Federally owned, the proposed source shall be shown either on a quarter-quarter section on a map or plat, or in a written description.

Will try to use Caliche from reserve pit. If unable to use Caliche from reserve pit, then will get Caliche from a Federal or State approved caliche pit.

- 7. <u>Methods of Handling Waste Disposal:</u> A written description of the methods and locations proposed for safe containment and disposal of each type of waste material (e.g. cuttings, garbage, salts, chemicals, sewage, etc.) that results from the drilling and completion of the proposed well shall be provided.
 - Drill cuttings disposed into drilling pits.
 - Drill fluids allowed to evaporate in drill pits until pits dry.
 - Produced water during testing drill pits.
 - Produced oil during testing storage tank until sold.
 - Current laws and regulations pertaining to disposal of human waste will be observed.
 - Reserve pit will be plastic lined.
 - Waste paper, garbage, and junk will be disposed of into a special container on location and removed regularly to an approved landfill site. All waste material will be covered with a screen or lid and contained to prevent scattering by wind.
 - All trash and debris will be removed from well site within 30 days after drilling and/or completion operations are finished.

8. Ancillary Facilities: All ancillary facilities such as camps and airstrips shall be identified on a map or plat. Information as to location, land area required, and methods to be used in construction shall also be provided.

Information unavailable at this time.

9. Well Site Layout: A plat of suitable scale (not less than 1 inch = 50 feet) showing the proposed drill pad, reserve pit location, access road entry points, and its approximate location with respect to topographic features, along with cross section diagrams of the drill pad and the reserve pit showing all cuts and fills and the relation to topography. The plat shall also include the approximate proposed location and orientation of the drilling rig, dikes and ditches to be constructed, and topsoil and/or spoil material stockpiles.

See Exhibit "D"

- 10. Plans for Reclamation of the Surface: A proposed interim plan for reclamation stabilization of the site and also final reclamation plan shall be provided. The interim portion of the plan shall cover areas of the drillpad not needed for production. The final portion of the plan shall cover final abandonment of the well. The plan shall include, as appropriate, configuration of the reshaped topography, drainage systems, segregation of spoil materials, surface manipulations, redistribution of topsoil, soil treatments, revegetation, and any other practices necessary to reclaim all disturbed areas, including any access roads and pipelines. An estimate of the time for commencement and completion of reclamation operations, including consideration of weather conditions and other local uses of the area, shall be provided.
 - 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.
 - Any unguarded pits containing fluids will be fenced until filled.
 - After abandonment of well, surface restoration will be in accordance with the Bureau of Land Management Surface Requirements.
- 11. <u>Surface Ownership:</u> The surface ownership (Federal, Indian, State or private) and administration (BLM, FS, BIA, Department of Defense, etc.) at the well location, and of all lands crossed by roads which are to be constructed or upgraded, shall be indicated. Where the surface of the proposed well site is privately owned, the operator shall provide the name, address and telephone number of the surface owner.

Bureau of Land Management 620 E. Green Street Carlsbad, New Mexico 88220

12. Other Information: Type of bond. The operator shall be covered by a bond in its own name as principal, or by a bond in the name of the lessee or sublessee.

Meridian Oil Inc. is covered by statewide bond.

Operator's Representatives:

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

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

Mr. Ed Jackson, Drilling Foreman Loco Hills, NM

Home: 505-677-2323 Mobil: 505-365-7206

Mr. Frank Raybon, Drilling Foreman

Eunice, NM

Home: 505-394-2449 Mobile: 505-369-5367

Tim Friesenhahn, Drilling Engr.

P.O. Box 51810

Midland, TX 79710-1810 Office: 915-688-6824

Home: 915-699-2154

Hal Lee, Drilling Superintendent

P.O. Box 51810.

Midland, TX 79710-1810

Office: 915-688-6834 Home: 915-685-6073

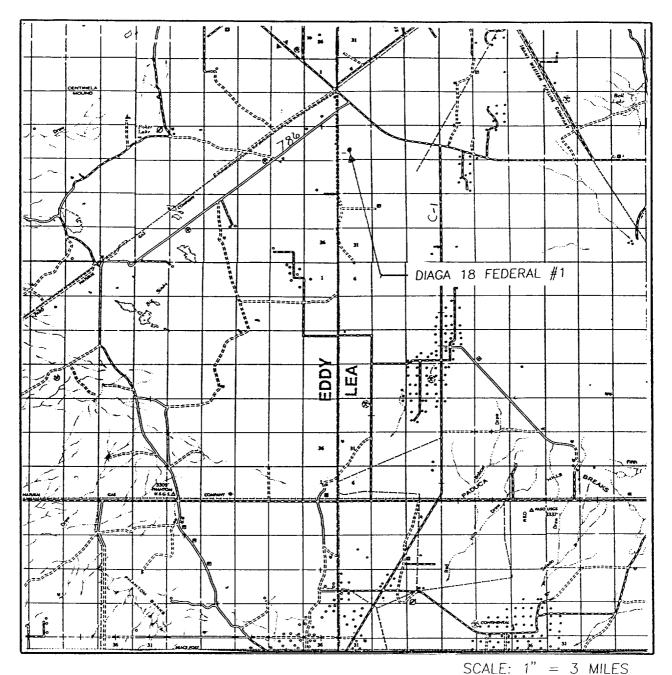
OPERATORS CERTIFICATION

I hereby certify that I, <u>Tim Friesenhahn</u>, <u>Drilling Engineer</u>, under my direct supervision, have inspected the proposed drill site and access route that I am familiar with the conditions that currently exist; that the statements made in the APD package are, to the best of my knowledge, true and correct, and that the work associated with operations proposed herein will be performed by **not yet determined** contractors and subcontractors in conformity with this APD package and the terms and conditions under which it is approved. I also certify responsibility for the operations conducted on that portion of the leased lands associated with this application, with bond coverage being provided under BLM **statewide** bond. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

DATE:	9/18/96
NAME AND TITLE:	Tim Friesenhahn, Drilling Engineer
SIGNATURE:	J- fiel

		2017/17/2014 **** *******************************		A STATE OF THE STA	
	aus. Maridien	, u	M Wilson S 1000	GEEN 27	
	SAND E	XUNES, SO.	5100 6436 6436 6436 6436 77 93 5735 28 35824	(35824) 26	M.
· [0.00. 1 444 78780	R.E. Hibbert Harrord Pet, Jonnes - Fed. 1704906	t t H	01-35 81-35 62225 U.S. (WA Designed)	
	<u> </u>				(Pennaeil) P-M Dely
	Техасо Нор 1 1884 в	7 1 25 1 se Pet.	Yotes Pet. 35824 9 · 1 · 93 17063	torkomer to kon 1	03276 Control V
		300 00 Informer of Pell (Appell) (Appel	33	34 30 83	Metadian + OS206
	C.Honkamer	35823		union	worteil O/A 6:22-61
	MME 7 TD 4740 DA 10-C-C2	State Mil	2.0	ا مسطا اند	Frd Payne US State
	2 1.00	Enren NM 35834	Millennium Ener.	Union	Yotes Pet, etal Geberat Uni
	Honkomer 9-30-91 Bedurant Fed. 3-7855	18711 9 1 1 93 1 1 93 1 1 1 1 1 1 1 1 1 1 1	T 2374 T -		VA-149 VA-149 VA-140 VA-140 VA-140 VA
	35821, 1	Mussel C.F. NM-35799) Wing Tunk-	4	Contili	Texaco 2 Ohio-St KGS 1
`c.	Exxon	Fig. J.C. Paine To foso J.C. Paine JM 10-5-97 9-30-31 37855	Hoxyilsən Gulf Fed. TD4995	HBP.	Omerse (♦) 1/ Confliction (10 \$000)
Cerliber	#65€ † 65€ U.S	35821 U.S	## ## ## ## ## ## ## ## ## ## ## ## ##	z.v	State, M.I. U.S. (S) U.S. (S)
*	Javelina Partners	J.R. Anderson 7 · 1 · 93 55953	1R.Anderson Yates Pat., et al. 7 · 1 · 93 9 · 1 · 93 55953 17065	Millengium Enec. Yafes Pet, etal 9 : 1 : 93 77:065 80 22 80 22	Chevron to thinserty Chevron Union to Oliving Chevron 1917 To 1940 02889 0551548
	num I	35825	602	Guit Hanagan-Fed C: 3278 TD 278	BJ.Grot chall to 6700' Fed - Hanagan' Fed - Hanagan' 1 St.
	7 135825 J.R.Anderson	8 HM-35834	9	Value Februaria (O Chevron	Cantine antal Royalig Halding Conoco Continented in BP 1 2,000 1 3 C Continented in BP 129.49 (Union) Fed. Hangaar. (Union) (Union) (Union) (Union)
	86.939 2 1 1 99	064 550	35825	4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	12899 (Union) Fed Inna gar. (Union) Tohoc OEC Leon Mante. Carrington (Carrington) (Union) Real (Union) (Carrington) (Union) (Carrington) (Union) (Unio
	J. = (128)	2.0	2.0	Store, S Joyce James U.S.	Fed. U.S. Heragen
EXHIBIT 'C'	Brits Briss, HBP 16553 N.M. 30079	NM-35837 Millennium Ener.	Oryx @1	Signal Chevron	Cherron HBP 193503 Cherron HBP 191917 HBP 191917 HBP 191917 HBP HB
	30070 41 Yelles 35837	16.763 16.763			5 amer
	8.M. Dean	B.M. Dean	24	32 15 (Gulf) Hanagan 3.6	Cornoco HBP 0553642
. T	11 - 1 - 96 66925 45444 - 35791	11 - 1 - 26 66925 NM-3579 1	Double X Deep *	Exxon 1 Beyelty Helding	Jennings-Fed. Sets Fell 9-1-33 U.S. M 1065 U.S. M 60. Sec. Sec. S 60. Sec. Sec. Sec. Sec. Sec. Sec. Sec. Sec
24	U.S.	2.0	State.ML U. S (S) Millennium	C.F. James (3)	
S	571-54 57254	5un 5-1-93 77066 61 <u>99</u>	HBP Excon	Essen Tennece (Tennece) 3-1-82 Macks-Fed (PC) 125 42 125 42 Royalty Holding Tennece (Find OE,C)	0672C5 (EXAM) 186928 TTCG5
	10		21 Sasses	Area (35 meil Fed	(1.5.M.) Fed. Bond. C.F. \$1 3504 Limeets \$0 5000
	19	MIDLAND MAP	; ;	Pondo Pondo	Fed. 1 71055
	LINE 4	2.0	2.0	Participant RE. 1 Millianter 14 61 - 15 Millianter 15 15 Millianter 15 15 Millianter 15 15 Millianter 15 Milliant	W. S.
		Sun 9 • 1 • 93	Millennium Ener.	(Milenmum Enet.) (Horvard Ener	Exxon Exx 9.1.93 9.1 Cuton 17061 77. TOSTO-Frd. 11502 11
	1 5 7 1 20973	17066 61 <u>90</u>	16 (Strong		Amoco · · · · · · · · · · · · ·
	71.309 (D) 74.343 30 Union 74.174 30 Pedice-Fed. 6.174 71 C.T-10-15	29	Ø	(Ponda Pre- i Equipi Ar-A Pauley Pel- to base of Pauley Pel- (Savigna Pauley Pel- (Ponda Profe) 7-1-11	26 TOM 1041-1/2
•	Lung DODE	P-1		Tobore of 7.1-11 (SENAMA) CO1936	Jenson Fer Tosado R B He
	u.s.	U.S.	U.S.	Exton-Fed U.S.	U.S. Sanon
	Exxon Forte Ener.	Yates Pet.etal 11 - 1 - 73 Va. 797	5un (Pauley Per) 9-1-93 954911	(Feuley Pet) Texaco V2 061936	Caxen Caxe
Kas	Taum 7	V8.292 T6 ∰	CIGG I HEU	177 TO 4060	35
	THISH # 31	32	33 	70 Ogel Disc	S W Richardson
A 100 PM	Millians 7	State,M.I.	Del Disc CertonDrgs ; CertonDrgs ; U.S.M.L. (S Richard Robbins Tr	- Catego Draw Unit	Wall and the same of the same
THE REAL PROPERTY.	U.S. Hank Had	U.S. (S)	Richard Robbins To	True All of the Park	The state of the s
			** ***		

VICINITY MAP



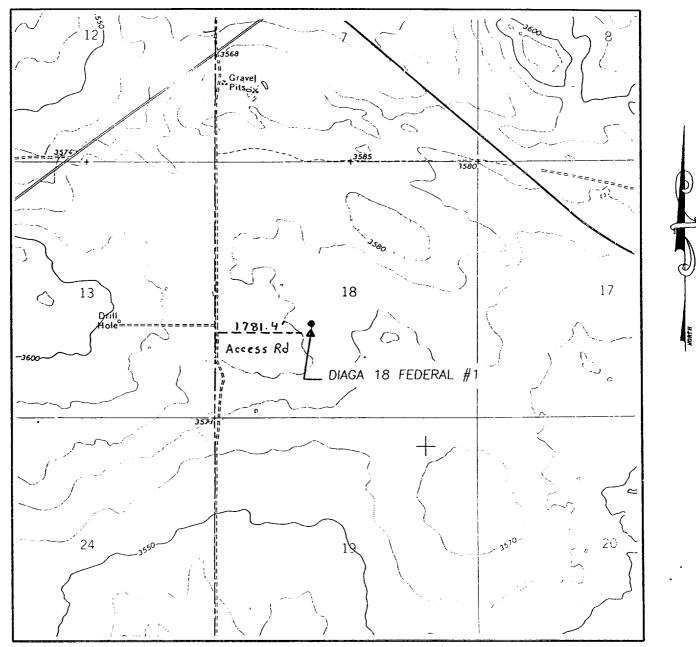
DIRECTIONS:
FROM THE INTERSECTION OF HWY. 128 & COUNTY ROAD 1 GO 3.0 MILES WEST ON HWY. 128 TO EDDY COUNTY ROAD 786.
GO SOUTHWEST ON COUNTY ROAD 786 .3 MILES, TURN SOUTH & GO 1.0 MILE TURN LEFT & GO EAST 0.4 MILES.

SEC. <u>18</u> TV	WP. <u>24-S</u> RGE	. <u>32-1</u>	-
SURVEY	N.M.P.M.		
COUNTY	LEA		
DESCRIPTION	1980' FSL &	1980'	FWL
ELEVATION	3575		
BU	IRLINGTON RE	SOURC	ES
OPERATOR	OIL & GAS	CO.	
LEASE	DIAGA 18 FE	DERAL	

--- PROPOSED NEW ROAD

JOHN WEST ENGINEERING HOBBS, NEW MEXICO (505) 393-3117

LOCATION VERIFICAT ON MAP



SCALE: 1'' = 2000'

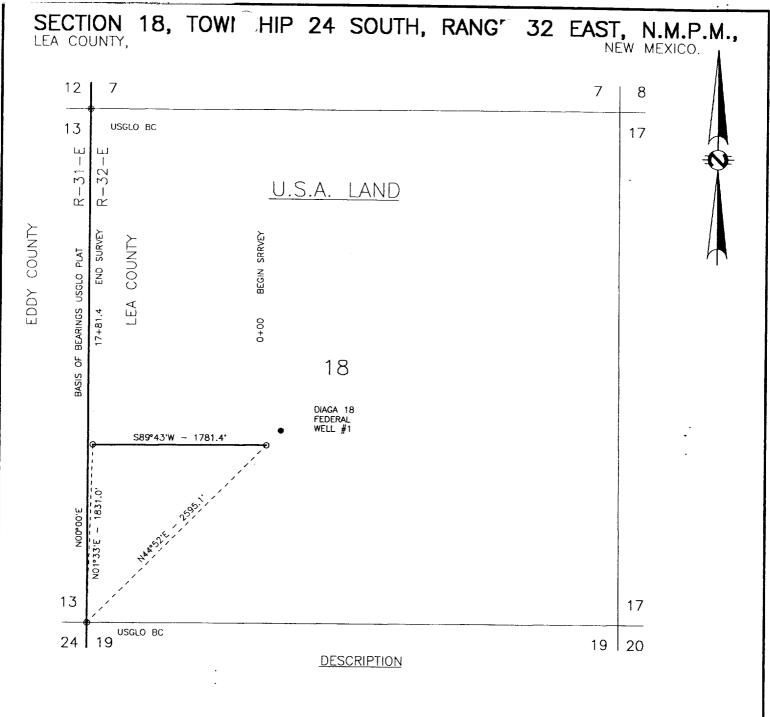
CONTOUR INTERVAL: PADUCA BREAKS NW - 10'

PROPOSED NEW ROAD

SEC. 18 IWP.	24-5	KUE	32-1	
SURVEY	N.M.P	.M.		
COUNTY	LEA	ı		
DESCRIPTION 198	<u>30' FSL</u>	&	1980 <u>'</u>	FWL_
ELEVATION	<u>3:</u> INGTON			
OPERATOR(
LEASEDI				
U.S.G.S. TOPOGE	RAPHIC	MAI	D	

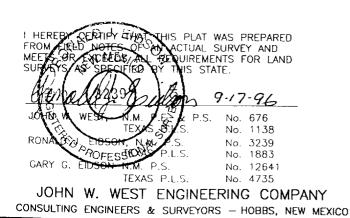
PADUCA BREAKS NW, N.M.

JOHN WEST ENGINEERING HOBBS, NEW MEXICO (505) 393-3117



A STRIP OF LAND 50.0 FEET WIDE, 1781.4 FEET OR 0.337 MILES IN LENGTH AND BEING 25.0 FEET LEFT AND 25.0 FEET RIGHT OF THE ABOVE CENTERLINE SURVEY.

1000



2000 FEET

1000

0

BURLINGTON RESOURCES OIL & GAS CO.

SURVEY FOR AN ACCESS ROAD CROSSING U.S.A. LAND IN SECTION 18, TOWNSHIP 24 SOUTH, RANGE 32 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO.

Survey Date: 9-12-96	Sheet	1	of	1	Sheets
W.O. Number: 96-11-1174	Drawn	Rv:	D McCA	RLEY	

Date: 9-13-96 BURL1174 Scale: 1'' = 1000 SECTION 18, TOWNSHIP 24 SOUTH, RANGE 32 EAST, N.M.P.M., NEW MEXICO.

357a.a	357 ^{k.k}	551 ¹ 1	3575.	357 ^{4,3}
351 ^{a,2}	357ª?	3515,6	3575°2	3574.7
35 ^{7 h. h.}	3575.	351 ^{5, h}	357 ^{k,8}	357 ²
35 ⁷ A.5	551 ^{5,9}	351 ¹ 0	351 ³⁵ .	351 ^{k,2} .
3516.h	357 ^{A,7}	3573.7	3573.4	3513.8



100 0 100 200 FEET

BURLINGTON RESOURCES OIL & GAS CO.

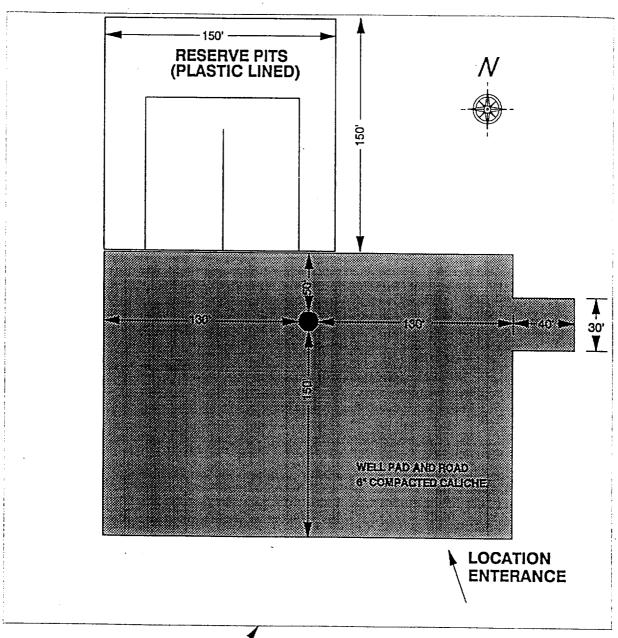
400' X 400' GRID AND TOPO 1980' FWL & 1980 FSL, SECTION 18 TOWNSHIP 24 SOUTH, RANGE 32 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO.

Survey Date: 9-12-96	Sheet	1	of	1	Sheets
W.O. Number: 96-11-1174	Drawn By: D.McCARLEY				
D-4-, 0 13 06 PUBLITA		,	9	calo	1" 100'

JOHN W. WEST ENGINEERING COMPANY CONSULTING ENGINEERS & SURVEYORS - HOBBS, NEW MEXICO

MERIDIAN OIL

MIDLAND REGION DRILL WELL LOCATION SPECIFICATIONS



2400' x 400' WELL SITE

