ר. 1992) אוג 1992)	ی S DEPARTMENT OF BUREAU OF LAND	MANAGEMENAL	Cons. DIV-Die I. Grande Aver bia, NM 88210	FORM APPROVED OMB NO. 1004-0136 Expires: February 28, 1995 5. LEASE DESIGNATION AND SERIAL NO. NM-0467933 6. IF INDIAN, ALLOTTEE OR TRIBE NAME
APPL	ICATION FOR PERM	IT TO DRILL OF		
3. ADDRESS AND TELEF PO BOX 124 4. LOCATION OF WELL At surface 165 At proposed prod. 2 SAM 14. DISTANCE IN MILES SEE SURFA 15. DISTANCE FROM P LOCATION TO NEAF PROPERTY OR LEA (Also to nearest drig)	IL & GAS, INC. 777 PHONE NG. 6, ARTESIA, NM 8821 (Report location clearly and in accordance w 50 FNL 1650 FEL, UNIT zone 4E S AND DIRECTION FROM NEAREST TOW ACE USE PLAN. ROPOSED REST ISE LINE, FT 1650' Unit line, if any) NOTOSED LOCATION'	1-1246 (505) th any State requirements.*) T G N OR POST OFFICE* 16. NO. 0	DF ACRES IN LEASE 12 160 POSED DEPTH 20	DALE H. PARKE B TR C # 12 9. API WELL NO. 30-015-32372 10. FIELD AND POOL. OR WILDCAT LOCO HILLS PADDOCK 11. SEC. T. R. M. OR BLK. AND SURVEY OR AREA SEC. 15-T17S-R30E 12. COUNTY OR PARISH 13. STATE EDDY NM NO. OF ACRES ASSIGNED TO THIS WELL 40 D. ROTARY OR CABLE TOOLS
TO NEAREST WELL	ROPOSED LOCATION , DRILLING, COMPLETED, ON THIS LEASE, FT. w whether DF, RT, GR, etc.)		6000'	22. APPROX. DATE WORK WILL START
21. ELEVATIONS (SHOW				JULY 6, 2002
23. SIZE OF HOLE 12 1/2" 12 1/4" 7 7/8"	GRADE, SIZE OF CASING 13-3/8"-355 8 5/8" 355 5 1/2" 355	PROPOSED CASING AND WEIGHT PER FOOT 4 8#- 24# 17#	CEMENTING PROGRAM SETTING DEPTH <u>4501</u> <u>12501</u> 3251	QUANTITY OF CEMENT 300 SX, CIRC SUFFICIENT TO TIE IN SUFFICIENT TO COVER 200' ABOVE ALL KNOWN OIL & GAS HORIZONS
P C	PAY ZONE WILL BE SELF OPTIMUM PRODUCTION.	CTIVELY STIMUL	ATED AND PERFORA	TED AS NEEDED FOR
Δ	ATTACHED ARE:			
	1. WELL LOCATIO	DN AND ACREAGE PLAN L DRILLING DATA	GENE SPECI	OVAL SUBJECT TO RAL REQUIREMENTS AND AL STIPULATIONS
	Controlled Water Beein		ATTA	
deepen directional 24. SIGNED (This space for	Federal or State office use)		AGENT	DATE 6/7/02
PERMIT NO.		nt holds lead or equitable title to	those rights in the subject lease wh	ich would entitle the applicant to conduct operations thereon.
Application approv	val does not warrant or certify that the applica APPROVAL, IF ANY:	ni noios legal or equitable tille to		

TITLE FIELD MANAGER

DATE JUL 1 0 2002

APPROVED E	ΒY
------------	----

/S/ JOE G. LARA

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 the terms of the section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the terms of the section 1001 and the section 10

DISTRICT I P.O. Box 1980, Hobbs, NM 88241-198 DISTRICT II P.O. Drawer DD, Artesia, NM 88211-		OIL			Resources Department	Submit.	For Revised February to Appropriate Dista State Lease - Fee Lease -	rict Office • 4 Copies
DISTRICT III 1000 Rio Brazos Rd., Aztec, NM	87410		Santa Fe	e, New Mexi	co 87504-2088			
DISTRICT IV P.O. BOX 2088, SANTA FE, N.M. 8750	04-2068	WELL LO	CATION	AND ACRE	AGE DEDICATI	ON PLAT	□ AMENDED	REPORT
API Number	_	1	Pool Code			Pool Name		
30-015					O HILLS PADD	PADDOCK Well Number		
Property Code			DATE	Property Na I DARKE	B TRACT. C		12	
			DALL	Operator Na		<u> </u>	Elevation	
ogrid No. 17985			PREM	IER OIL &			3711	,
17905				Surface Lo	cation			
UL or lot No. Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
UL or lot No. Section G 15	17-S	1 5		1650	NORTH	1650	EAST	EDDY
6 10			II.l. I.e.	If Diff	erent From Sur	face	l	L
			<u> </u>	Feet from the	North/South line	Feet from the	East/West line	County
UL or lot No. Section	Township	Range	Lot Idn	reet from the	Northy Bound Into			
				der No.		<u>, </u>		L
Dedicated Acres Joint o	r Infill C	onsolidation	Code Ur	der No.				
40							EEN CONSOLID	
NO ALLOWABLE W	VILL BE A OR A	SSIGNED	TO THIS NDARD UN	COMPLETION VIT HAS BEEN	UNTIL ALL INTE.	THE DIVISION		
			$\begin{array}{c} 37\\ GEODETIC\\SPC\\NAE\\Y = 66\\X = 61\\LAT = 32\end{array}$	C LOCATION C NMEZ D 27 58456.1	0.7' 1650' 07.9'	I herei contained here best of my kno Signature DIANA Printed Nam AGENT Title JUNE 7 Date SURVEY I hereby certi on this plat actual survey supervison, o correct to t JAN Date Survey	ae , 2002 OR CERTIFICA fy that the well loca was plotted from first s made by me or and that the same i the best of my beli UARY 08, 200 red L Seal of th Surveyor	stormation late to the MM TION tion shown ld notes of under my s true and iaf. 2 AWB 01/10/02

.

State of New Mexico

DRILLING PROGRAM

Attached to Form 3160-3 Premier Oil and Gas, Inc. Dale H. Parke "B" Tract C No. 12 1650' FNL and 1650' FEL Section 15-17S-30E Eddy County, New Mexico

1. <u>Geologic Name of Surface Formation:</u>

Permian

2. <u>Estimated Tops of Important Geologic Markers:</u>

Permian	Surface	Seven Rivers	1145'
Salt	475'	Queen	1815'
Base of Salt	780'	Grayburg	2140'
Yates	930'	San Andres	2510'
1400		Glorietta	3900'

3. Estimated Depths of Anticipated Fresh Water, Oil or Gas:

Upper Permian Sands	100'	Fresh Water
Yates	930'	Oil
Seven Rivers	1145'	Oil
Queen	1815'	Oil
Grayburg	2140'	Oil
San Andres	2510'	Oil
Glorietta	3900'	Oil

No other formations are expected to give up oil, gas, or fresh water in measurable quantities. The surface fresh water sands will be protected by setting 85/8 casing at 425' and circulating cement back to surface. Any shallower zones above TD which contain commercial quantities of oil and/or gas will have cement circulated across them by inserting a float shoe joint into the 51/2" production casing which will be run at TD.

4. Casing Program:

Hole Size	Interval	OD csg	Weight	t, Grad	<u>e, Jt. Cond.</u>	Type
12 1/4"	0 - 425'	8 5/8"	24#	J-55	LTC NEW	R-3
7 7/8"	0 - TD	5 1/2"	17#	J-55	LTC NEW	R-3

DRILLING PROGRAM PAGE 2

Cement Program:

0 0/0 Surface Cusing	Cemented to surface with 300sx of $C w/2\%$ cc.	
5 1/2" Production Casing:	Cemented to sufficiently cover 200' and gas horizons.	above all oil

5. <u>Minimum Specifications for Pressure Control:</u>

The blowout preventer equipment (BOP) shown in Exhibit #1 will consist of a double ram-type (2000 psi wp) preventer. This unit will by hydraulically operated and the ram-type preventer will be equipped with blind rams on top and 4-1/2" drill pipe rams on bottom. This BOP will be nippled up on the 8 5/8" surface csg and used continuously until TD is reached. All BOP's and accessory equipment will be tested to 1000 psi before drilling out of surface casing.

Pipe rams will be operationally checked each 24 hour period. Blind rams will be operationally checked on each trip out of the hole. These checks will be noted on the daily tour sheets. A 2" kill line and a 2"choke line will be included in the drilling spool located below the ramtype BOP. Other accessories to the BOP equipment will include a kelly cock and floor safety valve (inside BOP) and choke lines and choke manifold with 2000 psi WP rating.

6. <u>Types and Characteristics of the Proposed Mud System:</u>

The well will be drilled to TD with cut brine. The applicable depths and properties of this system are as follows:

	noperties of this	Weight	Viscosity	Waterloss
<u>Depth</u>	Type	(ppg)	<u>(sec)</u>	<u>(cc)</u>
0 - 425'	Fresh Water	8.5	28	N.C.
350'-6000'	(Spud) Brine	9.8 - 10.2	40 - 45	N.C.

7. <u>Auxiliary Well Control and Monitoring Equipment:</u>

- (A) A kelly cock will be kept in the drill string at all times.
- (B) A full opening drill pipe stabbing valve (inside BOP) with proper drill pipe connections will be on the rig floor at all times.

DRILLING PROGRAM PAGE 3

8. Logging, Testing, and Coring Program:

- (A) No Drillstem tests are anticipated.
- (B) The electric logging program will consist of Dual Laterolog Micro SFL, Spectral Density Dual Spaced Neutron Csng Log, and Depth Control Log.
- (C) No conventional coring is anticipated.
- (D) Further testing procedures will be determined after the 5 1/2" production casing has been cemented at TD based on drill shows, and log evaluation, and drill stem test

results.

9. <u>Abnormal Conditions, Pressures, Temperatures, & Potential Hazards:</u>

No abnormal pressures or temperatures are anticipated. The estimated bottom hole temperature (BHT) at TD is 105° and estimated bottom hole pressure (BHP) is 2218 psig.

10. Anticipated Starting Date and Duration of Operations:

Location and road work will not begin until approval has been received from the BLM. The anticipated spud date is July 6, 2002. Once commenced, the drilling operation should be finished in approximately 21 days. If the well is productive, an additional 30 to 60 days will be required for completion and testing before a decision is made to install permanent facilities.

SURFACE USE AND OPERATING PLAN

Attached to Form 3160-3 Premier Oil and Gas, Inc. Dale H. Parke "B" Tract C No. 12 1650' FNL and 1650' FEL Section 15-17S-30E Eddy County, New Mexico

1. Existing Roads:

- A. The well site and elevation plat for the proposed well is attached.
- B. All roads to the location are shown in Exhibit #3. The existing roads are illustrated in red and are adequate for travel during drilling and production operations. Upgrading of the road prior to drilling will be done where necessary as determined during the onsite inspection.
- C. Directions to location: From Loco Hills, proceed east on US 82 for 2.2 miles to mile marker 134. Turn north on lease road and proceed 1.6 miles. Access road and location are on the west side of the lease road.
- D. Routine grading and maintenance of existing roads will be conducted as necessary to maintain their condition as long as any operations continue on this lease.

2. Proposed Access Road:

A new access road of 75' will be necessary. The new road will be constructed as follows:

- A. The maximum width of the running surface will be 10'. The road will be crowned and ditched and constructed of 6" of rolled and compacted caliche. Ditches will be at 3:1 slope and 4 feet wide. Water will be diverted where necessary to avoid ponding, prevent erosion, maintain good drainage, and to be consistent with local drainage patterns. BLM may specify any additions or changes during the onsite inspection.
- B. The average grade will be less than 1%.

SURFACE USE AND OPERATING PLAN

PAGE 2

- C. No turnouts are planned.
- D. No culverts, cattleguard, gates, low-water crossings, or fence cuts are necessary. No new road will be built for this well. Existing roads will be used to access the proposed well.
- E. Surfacing material will consist of native caliche. Caliche will be obtained from the nearest BLM-approved caliche pit. Any additional materials that are required will be purchased from the dirt contractor.
- F. The proposed access road as shown in Exhibit #3.

3. Location of Existing Wells:

Exhibit #2 shows all existing wells within a one-half mile radius of this well.

4. <u>Location of Existing and/or Proposed Facilities:</u>

- A. Premier Oil and Gas, Inc. will establish a collection facility for this lease located on this well pad.
- B. If the well is productive, a 3" plastic flowline (grade SDR 7 @ 265 psi) will be laid on the surface following the existing lease road or pipeline Right-of-Way to the tank battery as shown in blue on Exhibit #3. Anticipated pressures in the flowline should not exceed 75 psi.
- C. If the well is productive, power will be obtained from Central Valley Electric. Central Valley Electric will apply for ROW for their power lines.
- D. If the well is productive, rehabilitation plans are as follows:
 - (1) The reserve pit will be back-filled after the contents of the pit are dry (within 10 months after the well is completed).
 - (2) Topsoil removed from the drill site will be used to recontour the pit area and any unused portions of the drill pad to the original natural level, as nearly as possible, and reseeded as per BLM specifications.

SURFACE USE AND OPERATING PLAN PAGE 3

5. Location and Type of Water Supply:

The well will be drilled with a combination brine and fresh water mud system as outlined in the drilling program. The water will be obtained from commercial water stations in the area and hauled to the location by transport truck over the existing and proposed access roads shown in Exhibit #3. If a commercial fresh water source is nearby, fasline may be laid along existing road ROW's and fresh water pumped to the well. No water well will be drilled on the location.

6. Source of Construction Materials:

All caliche required for construction of the drill pad and the proposed new access road (approximately 1500 cubic yards) will be obtained from a BLM - approved caliche pit. All roads and pads will be constructed of 6" of rolled and compacted caliche.

7. Methods of Handling Water Disposal:

- A. Drill cuttings not retained for evaluation purposes will be disposed into the reserve pit.
- Drilling fluids will be contained in lined working pits. Β. The reserve pit will contain any excess drilling fluid or flow from the well during drilling, cementing, and The reserve pit will be an completion operations. earthen pit, approximately 100' X 150' X 6' deep. A dike will be built across the pit, dividing it in half. One-half of the reserve pit will be plastic-lined to minimize loss of drilling fluids and saturation of the ground with brine water. The other half of the reserve pit will be lined with plastic and used only if we encounter a waterflow during drilling operations and find that we need additional space. This portion of the pit is a precautionary measure only. The portion of the pit that will be lined with plastic should be more than adequate for normal drilling operations. If a water flow in encountered, we should have ample time to line the other half of the pit with plastic before the water encroaches.
- C. Water produced from the well during completion may be disposed into the reserve pit.

SURFACE USE AND OPERATING PLAN PAGE 4

- D. <u>Garbage and trash produced during drilling or completion operations</u> <u>will be hauled off.</u> All waste material will be contained to prevent scattering by the wind. All water and fluids will be disposed of into the reserve pit. Salts and other chemicals produced during drilling or testing will be disposed into the reserve pit. No toxic waste or hazardous chemicals will be produced by this operation.
- E. After the rig is moved out and the well is either completed or abandoned, all waste materials will be cleaned-up within 30 days. No adverse materials will be left on location. The reserve pit will be completely fenced until it has dried. When the reserve pit is dry enough to breakout and fill, the reserve pit will be leveled and reseeded as per BLM specifications. In the event of a dry hole, the location will be ripped and seeded, as per BLM Specifications, and a dry hole marker will remain.

8. Ancillary Facilities:

No airstrip, campsite, or other facilities will be built as a result of the operations on this well.

9. Well Site Layout:

- A. The drill pad layout, is shown in Exhibit #4. Dimensions of the pad and pits are shown. Top soil, if available, will be stockpiled per BLM specifications as determined at the on-site inspection.
- B. The reserve pit will be lined with a high-quality plastic sheeting.

10. Plans for Restoration of the Surface:

A. Upon finishing drilling and/or completion operations, all equipment and other material not needed for operations will be removed. All trash, garbage, and pit lining will be hauled away in order to leave the location in an aesthetically pleasing condition. All pits will be filled and the location leveled within 10 months after abandonment.

SURFACE USE AND OPERATING PLAN PAGE 5

- B. Three sides of the reserve pit will be fenced prior to and during drilling operations. At the time that the rig is removed, the reserve pit will be fenced on the rig (fourth) side. The fencing will remain in place until the pit area is cleaned-up and leveled. No oil will be left on the surface of the fluid in the pit.
- C. Upon completion of the proposed operations, if the well is completed, the reserve pit area will be treated as outlined above within the same prescribed time. Any additional caliche required for facilities will be obtained from a BLM - approved caliche pit. Topsoil removed from the drill site will be used to recontour the pit area to the original natural level and reseeded as per BLM specifications.

11. Surface Ownership:

The wellsite and lease is located on Federal Surface.

- A. The area around the well site is grassland and the top soil is sandy. The vegetation is native scrub grasses with abundant oakbrush, sagebrush, yucca, and prickly pear.
- B. A Cultural Resources Examination has been requested and will be forwarded to your office in the near future.

12. Lessee's and Operator's Representative:

The Premier Oil and Gas, Inc. representative responsible for assuring compliance with the surface use plan is as follows:

Rosalie Jones Premier Oil and Gas, Inc. Post Office Box 1246 Artesia, New Mexico 88211 Phone: 505/748-2093 (office)

Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are to the best of my knowledge, true and correct; and the work associate

SURFACE USE AND OPERATING PLAN PAGE 6

with the operations proposed herein will be performed by Marbob Energy Corporation and its contractors and subcontractors in conformity with this plan and the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Date: 6-6-2007

n H Signed:

Dean Chumbley Authorized Agent

MARBOB ENERGY CORPORATION

HYDROGEN SULFIDE DRILLING OPERATIONS PLAN

I. HYDROGEN SULFIDE TRAINING

All personnel, whether regularly assigned, contracted, or employed on an unscheduled basis, will receive training from a qualified instructor in the following areas prior to commencing drilling operations on this well:

- 1. The hazards and characteristics of hydrogen sulfide (H_2S) .
- 2. The proper use and maintenance of personal protective equipment and life support systems.
- 3. The proper use of H₂S detectors, alarms, warning systems, briefing areas, evacuation procedures, and prevailing winds.
- 4. The proper techniques for first aid and rescue procedures.

In addition, supervisory personnel will be trained in the following areas:

- 1. The effects of H₂S on metal components. If high tensile tubulars are to be used, personnel will be trained in their special maintenance requirements.
- 2. Corrective action and shut-in procedures when drilling or reworking a well and blowout prevention and well control procedures.
- 3. The contents and requirements of the H₂S Drilling Operations Plan and the Public Protection Plan.

There will be an initial training session just prior to encountering a known or probable H₂S zone (within 3 days or 500 feet) and weekly H₂S and well control drills for all personnel in each crew. The initial

training session shall include a review of the site specific H₂S Drilling Operations Plan and the Public Protection Plan. This plan shall be available at the well site. All personnel will be required to carry documentation that they have received the proper training.

II. H2S SAFETY EQUIPMENT AND SYSTEMS

Note: All H₂S safety equipment and systems will be installed, tested, and operational when drilling reaches a depth of 500 feet above, or three days prior to penetrating the first zone containing or reasonably expected to contain H₂S.

- 1. Well Control Equipment:
 - A. Flare line.
 - B. Choke manifold.
 - C. Blind rams and pipe rams to accommodate all pipe sizes with properly sized closing unit.
 - D. Auxiliary equipment to include: annular preventer, mud-gas separator, rotating head.
- 2. Protective equipment for essential personnel:
 - A. Mark II Surviveair 30-minute units located in the dog house and at briefing areas.
- 3. H₂S detection and monitoring equipment:
 - A. 2 portable H₂S monitor positioned on location for best coverage and response. These units have warning lights and audible sirens when H₂S levels of 20 ppm are reached.
 - B. 1 portable SO2 monitor positioned near flare line.

- 4. Visual warning systems:
 - A. Wind direction indicators as shown on well site diagram.
 - B. Caution/Danger signs shall be posted on roads providing direct access to location. Signs will be painted a high visibility yellow with black lettering of sufficient size to be readable at a reasonable distance from the immediate location. Bilingual signs will be used, when appropriate. See example attached.
- 5. Mud Program:
 - A. The mud program has been designed to minimize the volume of H₂S circulated to the surface. Proper mud weight, safe drilling practices, and the use of H₂S scavengers will minimize hazards when penetrating H₂S bearing zones.
 - B. A mud-gas separator will be utilized.
- 6. Communication:
 - A. Radio communications in company vehicles including cellular telephone and 2-way radio.
 - B. Land line (telephone) communications at field office.





Exhibit One

05 02 02:29p	KEU		OCIUCI	U.	1
Jun-05-02 09:03am	From-MARBOB		15057462523	T-884 P.O	2/03 F-789
m 316415 ,	UNITED STATES		ا السر	OMB N	APFROVED o. 1004-0135 wember 30, 2000
	BUREAU OF LAND MANA	GEMENT	_	5. Lease Serial No.	
SUND	RY NOTICES AND REPO	RTS ON WELLS		6. If Indian, Allone	Tribe Neme
Do not use abandoned	this form for proposals to vell. Use Form 3160-3 (APD	drill or to re-unter a) tor such proposals	n 	6. St Indian, Asione	
SUBMIT IN T	RIPLICATE - Other Instru	ictions on reverse	side	7. If Unit or CA/Ag	preement, Name and/or No.
Type of Well				8. Well Name and	No.
Oil Well Gas Well Name of Operator		······			
PREMIER OIL & GA	S, INC.	3b. Phone No. (include	area cade)	9. API Well No.	
Address	ESIA. NM 88211-124			10. Field and Pool, o	or Exploratory Area
Location of Well (Foorage, S	ec., T., R., M., or Survey Description			11. Country of Partic	
T175-R30E				11. County or Parish	
			E OF NOTICE P	EDDY CO.	and the second division of the second divisio
	PPROPRIATE BOX(ES) TO				
TYPE OF SUBMISSION	`		PE OF ACTION		
	Acidize	Deepen	Production (Star	·	later Shut-Off ll Integrity
Notice of Intent	Alter Casing	Fracture Treat New Construction	Recomplete 3	<u> </u>	ther TEST BOPS
Subsequent Report	Change Plans	Plug and Abandom	Temporarily Ab		
Final Abandonment Notice	Convert to Injection	Plug Back	Water Disposal		
ARE REQUEST.	LOW BOTTOM HOLE PRES	SURE OF FORMAT	WITH A DOUBLE	000', IN THIS 2 RAM PREVENT	AREA WE Er and 2m
CHOKE MANIFO	OLD, TESTED WITH RIG	FUMPS TO 1000	1 -		
		36			
14. I hereby certify that the fore Name (Printed/Typed)	going is love and correct		-		
TANA J. CA	INON NOT	Title	AGENT		
Signature PANA	St l'annon	Date	JUNE 5, 200	2	
	THIS SPACE	FOR FEDERAL OR	STATE OFFICE US	SE	
	+ DL		. PF		(1=102
	are mached. Approval of this not legal or equitable title to those sign to conduct operations thereon.		Office RED	Daic	6/ 5/02
	d Title 43 U.S.C. Section 1212, mai udulent statements or representation	ke it a crime for any person	hnowingly and willfu	lly to make to any dep	ariment or agency of the U
States any false, fictinous of fra	annta arreneurs ar téhicseuranna				
		1			

;



LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

- SEC. 15 TWP. 17-S RGE. 30-E
- SURVEY N.M.P.M.
- COUNTY EDDY
- DESCRIPTION 1650' FNL & 1650' FEL
- ELEVATION _______
- OPERATOR PREMIER OIL & GAS, INC.
- LEASE DALE H. PARKE B TR. B
- U.S.G.S. TOPOGRAPHIC MAP LOCO. HILLS, N.M.

CONTOUR INTERVAL: 10' LOCO HILLS, N.M.

EXHIBIT THREE



DALE H. PARKE "B" Tract C No. 12 1650' FNL & 1650' FEL Section 15; T17S - R30E Eddy County, New Mexico

Exhibit Four