Form 3160-3

(July 1992)

SUBMIT IN TRIPLICATE\* (Other instructions on reverse side)

**Геблиату** 28, 1995

## UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED
OMB NO. 1004-0136
Expires: February 28, 1995

5. LEASE DESIGNATION AND SERIAL NO.

APPLICATION FOR PERMIT TO DRILL QR DEEPEN   C. IN THE WART TO WART   C. IN THE OF WART		BUREAU OF	LAND MANAGEME	NT	NM	-29342
DEPEN DEPEN DEPEN DEPEN DEPEN DEPON SOURCES OF STATE OF WELL DEPEND DEPEN DEPON DEPON DEPONDER DEPON DEPONDER DEPON DEPONDER DEPON DEPONDER DEPON DEPONDER D	APPLI	CATION FOR PE	RMIT TO DRIL	L QR DEEPÊN	ੈ: 33 6. if	INDIAN, ALLOTTER OR TRIBE NAME
DRITTE OF WALL ON ON THE AND DIRECTION FROM NEARBEST TOWN OR FORT OFFICE'  STANDAY OF PROPOSED CASING AND CEMENTING PROGRAM  10. DIRECTION OF WALL (Report Detection durity and laccordance with any State requirements).  At proposed proof some  At proof proof proof proof some  At proof proof proof proof some  At proof pro	1a. TYPE OF WORK					IT AGREEMENT NAME
ORTHOROUGH PO DEATH WILL STATE AND DIRECTION FROM NABARAT TOWN OR FORT OFFICE.  At proposed prod. sone  At prop. sone  At prod. sone  A		LL XX	DEEPEN [_]	070 F. H. M. (E.)	_ أشخفون	. 6320
ANSAGE RESOURCES, INC.  (OGRID #015515)  3. ACCORDANCE NO.  4. INVALUABLE NO.  5. INVALUA	OIL GA	XX				
As course on manufactures. PO Box 809  4. Increase of manufactures. Po Box 809		ELL MA OTHER		JONE LONG	26	Α #4
Second Processing   PO Box 809   Farming Con.   NM 87499-0809   505 326   A33   Farming Con.   NM 87499-0809   505 326   A33   Farming Con.   NM 87499-0809   Farming Con.   NM 87499-08	NASSAU RESOURCE	ES, INC.	(OGRID #01	5515)	9. AP	WELL NO.
4. LOCATION OF WELL (Report Location Control and in accordance with any State regultricipte.)  At proposed prod. zone  At proposed prod. zone  10.03 'FNI. & 778 'FWL  NMOCD Unit  AT DIAGRAPH TO STATE THE ASSOCIATION FROM NEAREST TOWN OR FORT OFFICE.  25. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3.				FOF 200 (702)	780 3	0-039-26307
At proposed prod. sone  At proposed pro		Farmington, NM	87499-0809	505 32074 NAY	, J	IELD AND POOL, OR WILDCAT #716
At proposed prod. 2008  14. DINTANCE IN MILES AND DIRECTION FRON NEAREST TOWN OR POST OFFICE:  15. 30 ml. north of Gobernador, NM  16. NO OF ACRES 10. 12. 12. 12. 12. 12. 13. 15. 10. 15. 10. 15. 10. 15. 15. 15. 15. 15. 15. 15. 15. 15. 15	4. LOCATION OF WELL (R. At surface	eport location clearly and	0 I 777.77	State requirements.		
14. DIRTANCE IN MILES AND DIRECTION FROM NEARBET TOWN OR POST OFFICE.  15. NO. OF ACRES 100 MI. NOTCH OF Gobernador, NM  16. DIRTANCE FROM PROPOSED?  17. NOT ACRES 100 MI. NOTCH OF GOBERNATOR PRINT NO. 18. ACRES 100 MI. NOTCH OF CARRY 15. ACRES 100 MI. NO. OF ACRES 1		1003 FML & //	O LMT WWO	CD United MAR	2000	
EST. 30 MILES AND DIRECTION FROM NAMES TOWN OF DATE TOWN	At proposed prod. zon	e		REC!	EIVEU E	
LS . 30 mi. north of Gobernador, NM  16. Obernace FRON PROPOSED  17. No. of ACRES 117. No. 127. No. 12	A DISTINCT IN MILES	AND DIRECTION FROM NEAR	EST TOWN OR POST OFFI	CI. CO. Off CX	NY DAY SE	
10. Starker Front Propused   10. Starker Front   10. Starker   10. Starker Front   10. Starker   1					31.0	
1,350.56   320.0 W/2				NO. OF ACRES INCLUSE	17. NOC OF CRE	S ASSIGNED
18. DISPARCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETE ON, BY THIS LEASE, FT. TO NEAREST WELL, DRILLING, COMPLETE ON, BY THIS LEASE, FT. TO NEAREST WELL, DRILLING, COMPLETE ON, BY THIS LEASE, FT. TO NEAREST WELL, DRILLING, COMPLETE ON, BY THIS LEASE, FT. TO NEAREST WELL, DRILLING, COMPLETE ON, BY THIS LEASE, FT. TO NEAREST WELL, DRILLING, COMPLETE WELL, BY THE WORLD WEIGHT FER FOOT SETTING PROGRAM    12-1/4"   9-5/8", 1-55   36.0   350'   250 cu.ft. circ. to. surface	PROPERTY OR LEASE I	INE, FT.	778'	1,350.56	5515 16 Bars Mr	
TO NARREST WELL, BILLING, COMPLETE. this lease 39804 Rotary  22. ELEVATIONS (Show whether DP, ET, GR, etc.)  7108' GL, 7120' est. KB  22. APPROX. DATE WORK WILL ETART*  7108' GL, 7120' est. KB  23.  PROPOSED CASING AND CEMENTING PROGRAM  SIZE OF HOLE ORADE, 32730F CASING  12-1/4" 9-5/8", J-55 36.0 350' 250 cu.ft. circ. to surface 12-1/4", K-55 15.5 3980' 1st. stage 810 cu.ft.  2-1/2", K-55 15.5 3980' 1st. stage 810 cu.ft.  2-1/2" circ. to surface  Plan to drill with spud mud to set 350' of surface casing. Will then drill with water and gel-chem. mud to test the Fruitland Coal formation at approximately 3980'. Will run DIL-GR-SP and FDC-CNL-GR-CALIPER logs. If well appears productive, will set 5-1/2" casing at TD, cement in 2 stages, selectively perforate, frac, clean out after frac and complete with 2-7/8" tubing.  NOTE: The proposed well is to be on the same location as Belco Petroleum Corp. Carracas Mesa Unit #1-26, which was originally surveyed and reported drilled & abandoned 1040' FNL & 1040' FNL #1-26, which was originally surveyed and reported drilled & abandoned 1040' FNL & 1040' FNL #1-26 which was originally surveyed and reported drilled & abandoned 1040' FNL & 1040' FNL #1-26 which was originally surveyed and reported drilled & abandoned 1040' FNL & 1040' FNL #1-26 which was originally surveyed and reported drilled & abandoned 1040' FNL & 1040' FNL #1-26 which was originally surveyed and reported drilled & abandoned 1040' FNL & 1040' FNL #1-26 which was originally surveyed and reported drilled & abandoned 1040' FNL & 1040' FNL #1-26 which was originally surveyed and reported drilled & abandoned 1040' FNL & 1040' FNL #1-26 which was originally surveyed and reported drilled & abandoned 1040' FNL & 1040' FNL #1-26 which was originally surveyed and reported drilled & abandoned 1040' FNL & 1040' FNL #1-26 which was drilled #1-26 which was d	18. DISTANCE FROM PROP	OSED LOCATION* NC	ne on 19.	PROPOSED DEPTH	20. ROTARY OR	CABLE TOOLS
PROPOSED CASING AND CEMENTING PROGRAM	TO NEAREST WELL, D	RILLING. COMPLETED.	is lease	3980 <sup>4</sup>	Rotary	
PROPOSED CASING AND CEMENTING PROGRAM  SIZE OF HOLE  ORADE SIZEOFCASING  12-1/4"  9-5/8", J-55  36.0  350'  250 cu.ft. circ. to surface  1st stage 810 cu.ft.  2rd stage 720 cu.ft.  circ. to surface  Plan to drill with spud mud to set 350' of surface casing. Will then drill with water and gel-chem. mud to  test the Fruitland Coal formation at approximately 3980'. Will run DIL-GR-SP and FDC-CNL-GR-  CALIPER logs. If well appears productive, will set 5-1/2" casing at TD, cement in 2 stages, selectively  perforate, frac, clean out after frac and complete with 2-7/8" tubing.  NOTE: The proposed well is to be on the same location as Belco Petroleum Corp. Carracas Mesa Unit  #1-26, which was originally surveyed and reported drilled & abandoned 1040' FNL & 1040' FWL;  however, surveyor Ed Risenhoover states that these footages are not correct. The location was resurveyed  however, surveyor Ed Risenhoover states that these footages are not correct. The location was resurveyed  ## re-entered in 1989 and correctly reported to be 1060' FNL & 805' FWL. The final abandonment was in  Sep. 1996.  The script is subject to technical and proceedural review pursuant to 43 CFR 3165.3  SUBJECT TO COMPLIANCE WITH ATLACE  "GENERAL REQUIREMENTS".  IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM. If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to defile of deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.  **GENERAL REQUIREMENTS***  IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM. If proposal is to depen give data on present productive zone and proposed new productive zone. If proposal is to defile of deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.  **GENERAL REQUIREMENTS**  **GENERAL REQUIREMENTS**  **GENERAL REQUIREMENTS**  **GENERAL REQUIREMENTS**  **GENERAL REQUIREMENTS**  **TILE**  **REQUIREMEN	21. ELEVATIONS (Show wh	ether DF, RT, GR, etc.)			22.	APPROX. DATE WORK WILL START*
SIZE OF HOLE    12-1/4"   9-5/8", I-55   36.0   350!   250 cu. ft. circ. to surface	7108' GL, 7120	' est. KB				4-15-00
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PERMIT NO.  Described a subject to technical and procedural review pursuant to 43 CFR 3165.3  and appeal pursuant to 43 CFR 3165.4.  IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill of deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.  This space for Federal or State office use)  PERMIT NO.  Approval Date  Approval Date  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 the	#1-26, howeve & re-er	which was originally so er, surveyor Ed Risenho ntered in 1989 and corr	irveyed and reported	footoges are not correct	The location	was resurveyed
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SIGNED TAGE Fran Perrin TITLE Regulatory Liaison DATE 1-7-00  (This space for Federal or State office use)  PERMIT NO	IN ABOVE SPACE DESCRIP	BE PROPOSED PROGRAM: If tinent data on subsurface location	proposal is to deepen, give does and measured and true ver	lata on present productive zone tical depths. Give blowout preve	and proposed new p	
(This space for Federal or State office use)  PERMIT NOAPPROVAL DATE  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 the		^				
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CONDITIONS OF APPROVAL, IF ANY:  NMOCO				EARN ON MARKE SET	lease which would en	title the applicant to conduct operations there
/8/ Charlie Beecham TITLE		8/ Charlie Bose	hana			MAR 2 2000
*See Instructions On Reverse Side	APPROVED BY	DOGC			DA	16

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

Form C-102 Revised February 21, 1994

PO Box 2088 700 JAN 12 Submit to Appropriate District Office State Lease - 4 Copies OIL CONSERVATION DIVISION

AMENDED REPORT

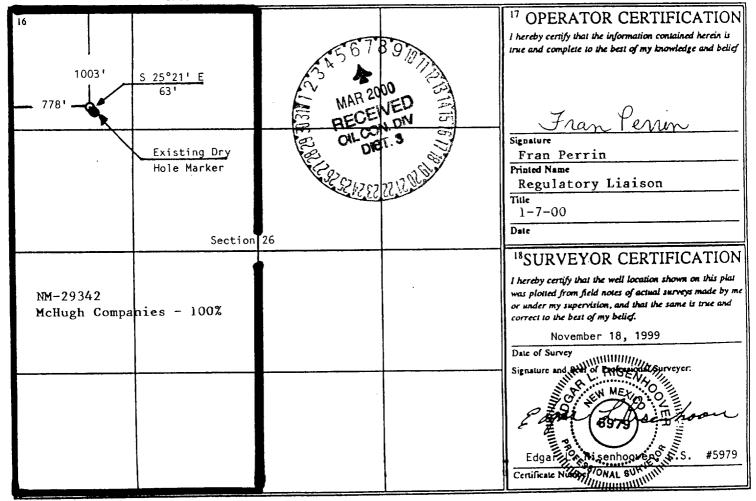
WELL LOCATION AND ACREAGE DEDICATION PLAT

	rri Vanmos	cr_	Ĭ	. Loot Cod	F		100111	a u.r.		
30.02	9-2	16307	7	71629		Basin Fruit	land Coal			
1 Property	Property Code. Property Name								' Well Number	
830	9304 Carracas Unit 26 A									
OGRID	No.	Operator Name							* Élevation	
015515			Nassau Resources, Inc.						7108'	
					10 Surface	Location				
UL or lot po.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County	
	26	32N	5W	D	1003	North	778	West	Rio Arriba	

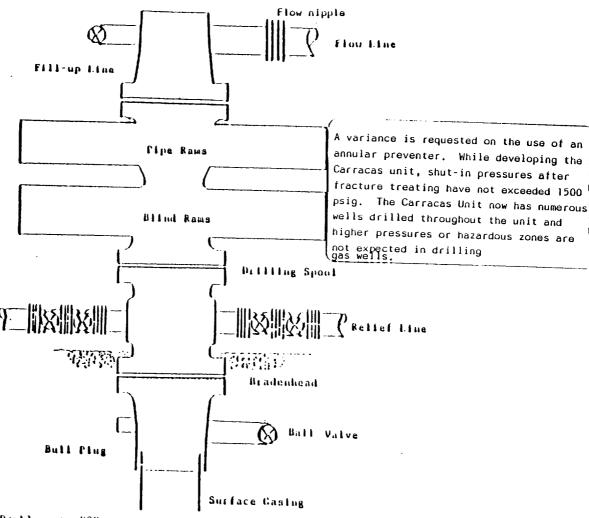
11 Bottom Hole Location If Different From Surface

Bottom Hole Bookies I. Streets I. St. 188										
UL or lot no.	Section	Townshi	p Range	Lot ldn	Feet from the	North/South line	Feet from the	East/West line	County	
12 Dedicated Acr	es 13 Joint	or Infill	14 Consolidation	na Code 15 (	Order No.	<u> </u>	<u> </u>	<del></del>	<u> </u>	
320.0										

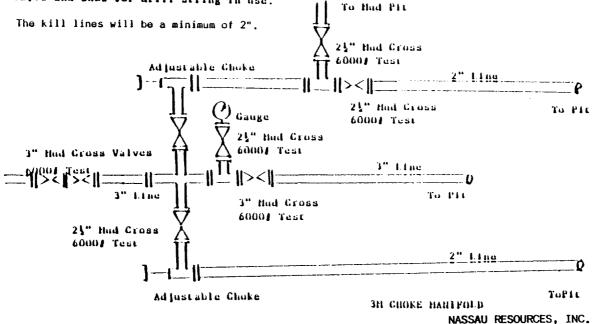
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



## BLOWOUT PREVENTER INSTALLATION



Series 900 Double gate 80P, rated at 3000 psi working pressure. When gas drilling operations begin, a Shaffer type 50 or equivalent rotating head is installed ontop of the flow nipple and the flow line is converted into a blowle line. Upper Kelly cock valve will be in place with handle on rig floor at all times along with Safety valve and subs for drill string in use.



Carracas Unit 26 A #4

Exhibit E

