## SUBMIT IN TRIPLICATE\*

Form approved. Budget Bureau No. 42-R1425.

UNITED STATES
DEPARTMENT OF THE INTERIOR

(Other instructions on reverse side) 30-645-22469
5. LEASE DESIGNATION AND SERIAL NO.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK  TITE OF WORKS  DRILL IX  DEEPEN D PLUG BACK  TO ONTE OF PERMONE  PLUG BACK  TO ONTE OF PERMONE  TO ONTE OF PERMONE  TO ONTE OF PERMONE  TO ONTE OF PERMONE  THE OF PERMONE  THE OF WHILE  ONLY  TO ONTE OF PERMONE  THE ONLY  THE ONLY  THE OF PERMONE	GEOLOGICAL SURVEY						4360-631		
DELLE DEPEN DELTA PLUG BACK DETAILS NOT THE ADDRESS NAME OF THE AD	APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK						6. IF INDIAN, ALLOTTEE OR TRIBE NAME		
Country of the Countr	a. TYPE OF WORK DRI		_		•		7. UNIT AGREEMEN'S	NAME	
NAME OF OPERATOR   STATES	GINGLE CVI MULTIPLE I I						S. FARM OR LEASE NAME		
NOVE IN TOTARY TOOLS. DESIGN WHICH PROPOSED CASING AND CEMENTING PROPOSED CASING AND CEMENT OF SACKS Class "B" + 2% CACL. Society of Sacks C			Federal 30						
P.O. BOX 1745. HOUSTON, TEXAS 77001  DOCATION OF WALL (Report location clearly and in accordance with any State requirements.*)  At proposed pred. Some Same Same Same Same Same Same Same Sa	Kirby Explora	tion Company					9. WELL NO.	· 1	
P.O. Box 1745, Houston, Texas / 1011 At outfore with (Report location clearly and in accordance with any State requirements.) At outfore with (Report location clearly and in accordance with any State requirements.) At proposed prod. Some  Same  Sec. 30 - 24N - 8M  12 country to a park.  Sec. 30 - 24N - 8M  13. STATE  New Mexico  Sam Juan  New Mexico  S. DIRECTION FROM MEANEST TOWN OR FORK OFFICE*  S. DIRECTION FROM MEANEST TOWN OR FORK OFFICE*  S. DIRECTION FROM REPORTS LOCATION*  (Alle to basered drig, unit line, if any)  S. DIRECTION FROM REPORTS LOCATION*  (Alle to basered drig, unit line, if any)  S. DIRECTION FROM REPORTS LOCATION*  (Alle to basered drig, unit line, if any)  S. DIRECTION FROM REPORTS LOCATION*  (Alle to basered drig, unit line, if any)  S. DIRECTION FROM REPORTS LOCATION*  (Alle to basered drig, unit line, if any)  S. DIRECTION FROM REPORTS LOCATION*  (Alle to basered drig, unit line, if any)  S. DIRECTION FROM REPORTS LOCATION*  (Alle to basered drig, unit line, if any)  S. DIRECTION FROM REPORTS LOCATION*  (Alle to basered drig, unit line, if any)  S. DIRECTION FROM REPORTS LOCATION*  S. DIRECTION FROM REPORTS LOCATI	. ADDRESS OF OPERATOR		2 - AND POOL	OR WILDCAT					
At proposed prod.  At proposed prod.  At proposed prod.  Same  4. Directory for any survey.  5. Sing Same  5. Sec 30 - 24N - 8W  1.	P.O. Box 1745, Houston, Texas 77001								
At proposed prod. Same  Same  1 mile east of Nageezi, New Mexico  2 mile east of Nageezi, New Mexico  3 mile of Nageezi, New Mexico  1 mile east of Nageezi, New Mexico  3 mile of Nageezi, New Mexico  3 mile of Nageezi, New Mexico  1 mile east of Nageezi, New Mexico  2 mile Mexico  2 mile Mexico  2 mile Mexico  3 mile mile east of Nageezi o	At surface						11. SEC., T., R., M., OR BLK.		
Same  1 mile east of Nageezi, New Mexico  2 mile east of Nageezi, New Mexico  1 mile east of Nageezi, New Mexico  2 mile east of Nageezi, New Mexico  1 mile east of Nageezi, New Mexico  2 mile east of Nageezi, New Mexico  1 mile east of Nageezi, New Mexico  2 mile east of Nageezi, New Mexico  1 mile east of Nageezi, New Mexico  2 mile east of Nageezi, New Mexico  2 mile east of Nageezi, New Mexico  1 mile east of Nageezi, New Mexico  2 mile east of Nageezi,							AND SURVEY OF ASEA		
MIDE AND DIRECTION TO ACRES IN LEASE   MIDE AND PROCESSED   New Mexico   16, No. OF ACRES IN LEASE   17, No. OF ACRES ASSISTED   160, 59							Sec 30 - 24N - 8W		
December 10 to Name of the State of the Stat	4. DISTANCE IN MILES	AND DIRECTION FROM NEAR	EST TOWN OR POS	T OFFICE	•		:	1	
S. DECEMBER OF CASE OF	1 mile east o	of Nageezi, New	Mexico	1 1 C No	On LONG IN TRICE	1 17 NO 6		New Mexic	
Also to nearest drig unit line, if any)  19. PROPOSED DEPTH  1900  20. ROTARY OR CABLE TOOLS  ROCKLY  22. APPROX. DATE WORK WILL START'S  May 1, 1977  22. APPROX. DATE WORK WILL START'S  May 1, 1977  22. APPROX. DATE WORK WILL START'S  May 1, 1977  23. PROPOSED CASING AND CEMENTING PROGRAM  24. APPROVED BY  25. APPROX. DATE WORK WILL START'S  May 1, 1977  26. ROTARY OF CABLE TOOLS  May 1, 1977  27. APPROX. DATE WORK WILL START'S  May 1, 1977  28. ROTARY OF CABLE TOOLS  May 1, 1977  28. ROTARY OF CABLE TOOLS  May 1, 1977  38. PROPOSED CASING AND CEMENTING PROGRAM  26. ANTITY OF CEMENT  39. SETTING DEPTH  30. SETTING PROGRAM  4 1/2 9.5# 1900'  50. SACKS ClasS "B" + 2% CaCL_2  200 Sacks ClasS "B" + 2% CaCL_2	5. DISTANCE FROM PROPO LOCATION TO NEAREST	SED*		20. 110. 02 20020			TO THIS WELL		
B. DESTRUCTOR OF THE LEASE, F. 1900 ROTATION COMPLETED.  OR APPLED FOR ON THE LEASE, F. 1977  B. HEVATIONS (Show whether DF, RT, GR, etc.)  BEER OF HOLE SIZE OF CASING WHICH FER FOOT SETTING DEFT MAY 1, 1977  BEER OF HOLE SIZE OF CASING WHICH FER FOOT SETTING DEFT MAY 1, 1977  BEER OF HOLE SIZE OF CASING WHICH FER FOOT SETTING DEFT MAY 1, 1977  BEER OF HOLE SIZE OF CASING WHICH FER FOOT SETTING DEFT MAY 1, 1977  BEER OF HOLE SIZE OF CASING WHICH FER FOOT SETTING DEFT MAY 1, 1977  BEER OF HOLE SIZE OF CASING WHICH FER FOOT SETTING DEFT MAY 1, 1977  BEER OF HOLE SIZE OF CASING WHICH FER FOOT SETTING DEFT MAY 1, 1977  BEER OF HOLE SIZE OF CASING WHICH FER FOOT SETTING DEFT MAY 1, 1977  BEER OF HOLE SIZE OF CASING WHICH FER FOOT SETTING PROGRAM  WHICH FER FOOT SETTING PROGRAM TO SETTING PROGRAM  WHICH FER FOOT SETTING PROGRAM TO SETTING PROGRAM TO SET IN SETTING PROGRAM TO SET IN SETTING PROGRAM TO SET IN SET	(Also to nearest drlg. unit line, if any)					20. BOTA			
1. HEVATIONS (Show whether DF, RT, GR, etc.)   22. APPROV. DATE WORK WILL START'S   6829 GL   May 1, 1977     3.   PROPOSED CASING AND CEMENTING PROGRAM   May 1, 1977     3.   PROPOSED CASING AND CEMENTING PROGRAM   May 1, 1977     4.   Size of Casing   Weight Per Foot   Setting Depth   QUANTITY OF CHMENT     12 1/4	TO NEAREST WELL, DRILLING, COMPLETED,				1900	200			
### SIZE OF HOLE   SIZE OF CASING   WEIGHT PER FOOT   SETTING DEPTH   GDANTITY OF CEMENT    12 1/4   8 5/8   20#   90'   50 sacks class "B" + 2% CaCL_2    6 3/4   4 1/2   9.5#   1900'   50 sacks class "B" + 2% CaCL_2    Move in rotary tools. Drill 12½ hole to 90 feet. Set 90 feet of new 8 5/8" casing and cement as above. Wait on cement 12 hours. Install 6" 900 series blow out preventers and test. Drill 6 3/4" hole to 1900 feet. No abnormal pressure or temperature is expected. Mud system will be gel-chem weighing 9-9.2# per gallon, W. L. 8-10 c.c. and viscosity of 30-40 seconds per quart. Open hole logging will consist of IES, FDC-CNL and GR Caliper logs. If commercial, 4½" casing will be run and cemented as above. If non-commercial, plug and abandonment will follow U.S.G.S. specifications.  Gas under this lease is not committed to a contract   MARCOL   100						<u> </u>			
BILE OF HOLE SIZE OF CASING WEIGHT FER FOOT SETTING DEPTH QUANTITY OF CEMENT 12 1/4 8 5/8 20# 90' 50 sacks class "E" + 2% CaCL 6 3/4 4 1/2 9.5# 1900' 200 sacks class "B"  Move in rotary tools. Drill 12½ hole to 90 feet. Set 90 feet of new 8 5/8" casing and cement as above. Wait on cement 12 hours. Install 6" 900 series blow out preventers and test. Drill 6 3/4" hole to 1900 feet. No abnormal pressure or temperature is expected. Mud system will be gel-chem weighing 9-9.2# per gallon, W. L. 8-10 c.c. and viscosity of 30-40 seconds per quart. Open hole logging will consist of IES, FDC-CNL and GR Caliper logs. If commercial, 4½" casing will be run and cemented as above. If non-commercial, plug and abandonment will follow U.S.G.S. specifications.  Gas under this lease is not committed to a contract  NABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data or present productive some and proposed new productive none. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and present productive some and proposed new productive none and proposed							May 1, 1977		
Move in rotary tools. Drill 12½ hole to 90 feet. Set 90 feet of new 8 5/8" casing and cement as above. Wait on cement 12 hours. Install 6" 900 series blow out preventers and test. Drill 6 3/4" hole to 1900 feet. No abnormal pressure or temperature is expected. Mud system will be gel-chem weighing 9-9.2# per gallon, W. L. 8-10 c.c. and viscosity of 30-40 seconds per quart. Open hole logging will consist of IES, FDC-CNL and GR Caliper logs. If commercial, 4½" casing will be run and cemented as above. If non-commercial, plug and abandonment will follow U.S.G.S. specifications.  Gas under this lease is not committed to a contract  NA ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive contents of the proposed is to drill or deepen directionally, give pertinent data on subsurface locations are measured and true vertical depths. Give blowout provided to the proposed proposed is to drill or deepen directionally, give pertinent data on subsurface locations are measured and true vertical depths. Give blowout proposed prop		P	PROPOSED CASI	NG ANI	CEMENTING PROGRA	M		÷	
Move in rotary tools. Drill 12½ hole to 90 feet. Set 90 feet of new 8 5/8" casing and cement as above. Wait on cement 12 hours. Install 6" 900 series blow out preventers and test. Drill 6 3/4" hole to 1900 feet. No abnormal pressure or temperature is expected. Mud system will be gel-chem weighing 9-9.2# per gallon, W. L. 8-10 c.c. and viscosity of 30-40 seconds per quart. Open hole logging will consist of IES, FDC-CNL and GR Caliper logs. If commercial, 4½" casing will be run and cemented as above. If non-commercial, plug and abandonment will follow U.S.G.S. specifications.  Gas under this lease is not committed to a contract  NAMOVE SPACE DESCRIBE PROFOSED PROGRAM: If proposal is to deepen or plug back, give data or present productive one and proposed new productive tools. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and present productive one and proposed new productive program, it any.  MANOVE SPACE DESCRIBE PROFOSED PROGRAM: If proposal is to deepen or plug back, give data or present productive one and proposed new productive program, it any.  MANOVE SPACE DESCRIBE PROFOSED PROGRAM: If proposal is to deepen or plug back, give data or present productive one and proposed new productive program, it any.  MANOVE SPACE DESCRIBE PROFOSED PROGRAM: If proposal is to deepen or plug back, give data or present productive one and proposed new productive program, it any.  MANOVE SPACE DESCRIBE PROFOSED PROGRAM: If proposal is to deepen or plug back, give data or present productive one and proposed new productive program, it any.  MANOVE SPACE DESCRIBE PROFOSED PROGRAM: If proposal is to deepen or plug back, give data or present productive one and proposed new productive program, it any.  MANOVE SPACE DESCRIBE PROFOSED PROGRAM: If proposal is to deepen or plug back, give data or present productive one and proposed new productive program is to drill or deepen directionally, give pertinent data on subsurface locations are proposed new productive program.  MANOVE SPACE DESCRIB	SIZE OF HOLE	HOLE SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH							
Move in rotary tools. Drill 12½ hole to 90 feet. Set 90 feet of new 8 5/8" casing and cement as above. Wait on cement 12 hours. Install 6" 900 series blow out preventers and test. Drill 6 3/4" hole to 1900 feet. No abnormal pressure or temperature is expected. Mud system will be gel-chem weighing 9-9.2# per gallon, W. L. 8-10 c.c. and viscosity of 30-40 seconds per quart. Open hole logging will consist of IES, FDC-CNL and GR Caliper logs. If commercial, 4½" casing will be run and cemented as above. If non-commercial, plug and abandonment will follow U.S.G.S. specifications.  Gas under this lease is not committed to a contract  OIL DIST.  ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive sone and proposed new productive sone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowous revenuer program, it any.  APPROVAL DATE  APPROVAL DATE  APPROVAL DATE  DA		8 5/8	20#			50 sacks class "B" + 2% CaCL <sub>2</sub>			
and cement as above. Wait on cement 12 hours. Install 6 300 series blow out preventers and test. Drill 6 3/4" hole to 1900 feet. No abnormal pressure or temperature is expected. Mud system will be gel-chem weighing 9-9.2# per gallon, W. L. 8-10 c.c. and viscosity of 30-40 seconds per quart. Open hole logging will consist of IES, FDC-CNL and GR Caliper logs. If commercial, 4½" casing will be run and cemented as above. If non-commercial, plug and abandonment will follow U.S.G.S. specifications.  Gas under this lease is not committed to a contract  NABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive some and proposed new productive some. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowous preventer program, if any.  TITLE Agent  DATE  APPROVAL DATE  APPROVAL DATE  DATE  DATE	6 3/4	4 1/2	9.5#		1900'		ZUU SACKS CTASS B		
TITLE  JOHN A EXAMEN (This space for Federal or State office use)  PERMIT NO.  APPROVED BY  TITLE  DATE	and cement as preventers and temperature W. L. 8-10 c consist of II run and cemen U.S.G.S. special spe	s above. Wait of test. Drill is expected. M.c. and viscosi ES, FDC-CNL and onted as above. cifications.  is lease is not the property of the design of the design of the design of the drill or deepen directions.	on cement of 3/4" how do system with the system with the system with the system of 30-40 GR Caliper If non-concommitted committed commit	le to le to a	urs. Install of 1900 feet. No be gel-chem wei onds per quart. s. If commercial, plug and a contract.	abnor ghing Oper al, 43	mal pressure 9-9.2# per gan hole logging 2" casing wind when t will for the decire with the de	or allon, g will ll be llow  cosed new productive the Give blowou	
APPROVED BY TITLE DATE		n Alexander eral or State office use)	т	ITLE	Agent	· · · · · · · · · · · · · · · · · · ·	DATE		
APPROVED BY TITLE	PERMIT NO.				APPROVAL DATE				
			t T	ITLE			DATE		

## NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

All distances must be from the outer boundaries of the Section. Well No. Operator 2-1 Federal Kirby Exploration Company Range County Township Unit Letter Section 8w San Juan 24N 30 Actual Footage Location of Well: 1850 West feet from the South line and feet from the line Dedicated Acreage: Ground Level Elev. Producing Formation Wildcat 160.59 Pictured Cliff Acres 6829 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 interests of all owners been consolidated by communitization, unitization, force-pooling. etc? If answer is "yes," type of consolidation Yes No If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.). 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 interests, has been approved by the Commission. CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. John Alexander Agent Kirby Exploration Company Company 3-23-77 30 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 supervision, and that the same is true and correct to the best of my knowledge and belief Date Surveyed 👡 18501 March 9, 1977 Registered Professional Ingine Fred В. Certificate No. 3950

1000

2000

330

660

.90

1320 1650

1980 2310

2640

1500