1a. TYPE OF WORK

DRILL X

SUBMIT IN TRIPLICATE*

PLUG BACK

Form approved. Budget Bureau No. 42-R1425.

(Other instructions on reverse side) **UNITED STATES** DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

DEEPEN [

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

30-039-239/5 5. LEASE DESIGNATION AND SERIAL NO.

Tribal Contract #71
6. IF INDIAN, ALLOTTEE OR TRIBE NAME

#71

Jicarilla Apache
7. UNIT AGREEMENT NAME

OHER SINGLE SONE SIZE OF BALL OTHER SINGLE SONE SIZE OF BALL NO. SHOULD SONE SONE SONE SONE SONE SONE SONE SONE	OCAT
Chace Oil Company, Inc. 3. Address of Operator 4. Location of well (Report location clearly and in accordance with any State increments. At surface Unit 'H' - 1670' FNL & 430' FEL At proposed prod. zone 14. Distance in miles and direction from nearest town or post office* 15. Distance from from from nearest town or post office* 16. No. of acres in Leisty 17. No. of acres assigned to the transparent of the figure of the figu	OCAT
3. ADDRESS OF OPERATOR 313 Washington, SE, Albuquerque, NM 87108 4. Location of well (Report location clearly and in accordance with any State Polyments Unit 'H' - 1670' FNL & 430' FEL At proposed prod. zone 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 12 miles SW of Lindrith, New Mexico 15. DISTANCE FROM PROPOSED* 430' Lease line 16. No. OF ACRES IN LEAST TO THIS WELL 17 No. OF ACRES ASSIGNED TO THIS WELL 18. DISTANCE FROM PROPOSED LOCATION* (Also to nearest drig, unit line, if any) 350' Unit line 19. PROPOSED DEPTH 7680' 19. PROPOSED DEPTH 70. ROTARY OR CABLE TOOLS ROTARY OR CABLE TOOLS ROTARY OR CABLE TOOLS ROTARY 22. APPROX. DATE WORK WILL 6-1-83 PROPOSED CASING AND CEMENTING PROGRAM SIZE OF HOLE 81ZE OF HOLE 81ZE OF CASING WEIGHT PER POOT SETTING DEPTH 7/8" 4 1/2" 11.6# (N-80) 7680' 15. Lindrith Gallum 5. Lindrith Gallum 7. ROTARY OR EARLE 10. T23N, R4W 12. ROTOR ACRES ASSIGNED 10. TOTHIS WELL 40 20. ROTARY OR CABLE TOOLS ROTARY OR CABLE TOOLS ROTARY 22. APPROX. DATE WORK WILL 6-1-83 PROPOSED CASING AND CEMENTING PROGRAM 5. Lindrith Gallum 60. APPLE OF ACRES ASSIGNED 7. ROTOR ACRES ASSIGNED 7. ROTARY OR CABLE TOOLS 8. ROTARY OR CABLE TOOLS 9. APPROX. DATE OF CABLE 1. S. Lindrith Gallum 1. ALBORT OR ACRES ASSIGNED 1. ALBORT OR ACRES ASSIGNED 1. ALBORT OR ACRES ASSIGNED 1. ALBORT	
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12 miles SW of Lindrith, New Mexico 15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any.) 350' Unit line 1920 7 1895 28 18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1500' 19. PROPOSED DEPTH 7680' ROTARY OR CABLE TOOLS TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1500' 7680' ROTARY OR CABLE TOOLS ROTARY 21. ELEVATIONS (Show whether DF, RT, GR, etc.) 7400 GL 8IZE OF HOLE 8IZE OF CASING WEIGHT PER FOOT 22# (J-55) 225' 225 SXS Class B Cement (9 3/4" 8 5/8" 22# (J-55) 225' 225 SXS Class B Cement (9 3/4" 1/2" 11.6# (N-80) 7680' 1st stage: 750 SXS (1350 50/50 pozmix. 2nd stage: 550 SXS (990 40/60 pozmix, 12% gel. (63 CF) Class B cement.	
12 miles SW of Lindrith, New Mexico 15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any.) 350' Unit line 1920 7 1895 28 18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1500' 19. PROPOSED DEPTH 7680' ROTARY OR CABLE TOOLS TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1500' 7680' ROTARY OR CABLE TOOLS ROTARY 21. ELEVATIONS (Show whether DF, RT, GR, etc.) 7400 GL 8IZE OF HOLE 8IZE OF CASING WEIGHT PER FOOT 22# (J-55) 225' 225 SXS Class B Cement (9 3/4" 8 5/8" 22# (J-55) 225' 225 SXS Class B Cement (9 3/4" 1/2" 11.6# (N-80) 7680' 1st stage: 750 SXS (1350 50/50 pozmix. 2nd stage: 550 SXS (990 40/60 pozmix, 12% gel. (63 CF) Class B cement.	
PROPERTY OR LEASE LINE, FT. 350' Unit line 1920? 1895.28 40	TATE
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18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1500' 7680' 19. PROPOSED DEPTH 7680' ROTARY OR CABLE TOOLS ROTARY 22. APPROX. DATE WORK WILL 6-1-83 PROPOSED CASING AND CEMENTING PROGRAM SIZE OF HOLE 9 3/4" 8 5/8" 22# (J-55) 225	
22. APPROX. DATE WORK WILL 7400 GL	
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PROPOSED CASING AND CEMENTING PROGRAM SIZE OF HOLE	L START*
SIZE OF HOLE SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH QUANTITY OF CEMENT	
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50/50 pozmix. 2nd stage: 550 sxs (990 40/60 pozmix, 12% gel. (63 CF) Class B cement.	
2nd stage: 550 sxs (990 40/60 pozmix, 12% gel. (63 CF) Class B cement.	<u>(F)</u>
(63 CF) Class B cement.	CF)
	35 sxs
Drill 230' of 9 3/4" surface hole. Set 225' of 8 5/8" casing. Cement to surface	
225 sxs (405 CF) cement. Use an oil base mud, (15% oil), and Schaeffer 5000# standoublegate hydraulic BOP. Drill 7 7/8" hole to 7680' to test Dakota formation. Wasatch formation on surface. Estimated tops: Ojo-2670'; Pictured Cliffs-3115'; Chacra-3465'; Cliff House-4650'; Pt Lookout-5180'; Gallup-6275'; Tocito-6925';	
Greenhorn-7250'; Dakota 'A'-7335', Dakota 'D'-7475'; Burro Canyon-7580'.	
D. V. Tool @ 3165'. Float collar @ 7650'.	
IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new p zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give preventer program, if any.	
24.	roductive blowout
SIGNED Geologist DATE 1-12-8	roductive blowout
(This space for Federal or State office use)	e blowout
PERMIT NO APPROVAL DATE	e blowout
APPROVED	e blowout
APPROVED BY TITLE AS AMENDED	e blowout
CONDITIONS OF APPROVAL, IF ANY:	e blowout
MAY 04 1983	e blowout
*See Instructions On Reverse Side For JAMES F. SIMS	e blowout
DICTRICT ENCINEER	e blowout
NMOCC Heting Area Manage	e blowout

SANTA FE, NEW MEXICO 87501

rorm t-102 Revised 10-1-7

Well No. JICALIIA TribAl 14 CHACE OIL COMPANY, INC. County Hange Section Township Unit Letter 4 WEST 10 23 NORTH RIO ARRIBA H Actual Foologe Location of Well: 430 NORTH 1670 line and feet from the Dedicated Acreages Producing Formation S. LINdrith Gallup -DARita Ground Level Elev. 40 Acres GALLUP- DAKOTA 7400 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. Il 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 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 Division CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Geologist Position @430 hace DIS Company 1-10-83 Date 10 Dote Surveyed 23, 1982 November Registered Professional Engineer and/or Land Sur James P. Leese Certificate No. 1463 1000

