Form 9-331 C (May 196)

SUBMIT IN TRIPLICATE*

Form approved.

instructions on		Budget	Bureau	No.	42-R14
verse side)	30-	04	15-	2	16

UNITED STATES	(Other instructions on reverse side)	30-	- 04	\ \ \\\-	2	1
EPARTMENT OF THE INTERIOR		5. LEA	SE DESIG	NATION A	ND BE	CRIA

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK IN TITE OF WIRL DETTY OF WIRL MILE OF DETTY OF WIRL SOLUTION DETTY OF WIRL SOLUTION		DEPARTME	NT OF THE INTE	RIOR		5. LEASE DESIGNATION AND SERIAL NO.
APPROVAL DATE A TYPE OF WALL DEPPEN DEPEN DEPPEN DEPEN DEPPEN D		GEOL	OGICAL SURVEY			14-20-0603-10009
DEPEN PLUG BACK DITTO CONTROL OF THE NUMBER OF THE NOTE OF THE NOT	APPLICATION	ON FOR PERMIT	TO DRILL, DEEP	PEN, OR PLUG E	BACK	
DITTLE WAS AND THE PROPOSED CASING AND DESCRIBE TO THE SELECTION OF PLANE TO THE SELECTION		nu .	DEEDEN!	DI LIC DA	CV \square	
ONLY WORKED ROUGHS STATES AND SERVING CONFIDENCE TO SERVING CONFID		ORILL &	DEEPEN L	PLUG BA	CK 🗀	
Molfer Duncan Achoeses of preferation Box 234, Farmington, New Mexico 87401 4. Accepting of walls (Report location clearly and in secondance with any flate requirements*) 760° FNL — 48° FML At proposed pred. zone 15. Instruct Report Received Formation 16. Instruct Report Received Formation 17. Instruct Report Received Formation 18. Instruct Report Received Formation 19. Instruct Report Received Formation 19. Proposed Performance 10. Proposed Pe	oir 🖸				PLE [8. FARM OR LEASE NAME
3. ADDRESS OF OFERATION 3. ADDRESS OF OFERATION BOX 234, Farmington, New Mexico 87401 4. LOCATION OF WELL (Report location clearly and to accordance with any State requirements.*) 4. AL DOCATION OF WELL (Report location clearly and to accordance with any State requirements.*) At proposed prod. and 14. DIRTANCE IN MILES AND DIRECTION PROM MEASER TOWN OR FORK OFFICK* B miles east southeast of Shiprock, New Mexico Sec. 7, T29N, RIGH 15. DIRTANCE IN MILES AND DIRECTION PROM MEASER TOWN OR FORK OFFICK* B miles east southeast of Shiprock, New Mexico Sec. 7, T29N, RIGH 16. No. OF ACRES IN LEASE LINE, TOWN THE WALL THE PROPERTY OF ACRES IN LEASE LINE, TOWN THE WALL THE PROPERTY OF ACRES ASSEMBLE TOWN MEASURE TOWN THE PROPERTY OF ACRES IN LEASE INTO THE WALL THE PROPERTY OF ACRES ASSEMBLE TOWN MEASURE TOWN THE PROPERTY OF ACRES IN LEASE INTO THE WALL THE PROPERTY OF ACRES ASSEMBLE TOWN THE WALL THE PROPERTY OF ACRES IN LEASE INTO THE PROPERTY OF ACRES ASSEMBLE TOWN THE WALL THE PROPERTY OF ACRES IN LEASE INTO THE PROPERTY OF ACRES ASSEMBLE TOWN THE WALL THE PROPERTY OF ACRES ASSEMBLE THE PROPERTY OF						
BOX 234, Fermington, New Mexico 87401 10. FIRLD AND POOL, OR WILDOLY \$1 introduct well, the proposed prod. sone At proposed prod. sone 14. DISTANCE IN KILES AND DIRECTION FROM REAREST YOWN OR POST OFFICE* 15. DISTANCE RAY RECOVERS** 16. NOT ACRES TO SEND FROM PROPERTY PROPERTY OF AREA STATES TO SEND FROM PROPERTY PROPERTY OR LEASE LINE, FT. 16. LINE, FT. 17. NO. OF ACRES AND LEASE LINE, FT. 18. NO. OF ACRES IN LEASE LINE, FT. 19. THOUGHED PROPERTY 19. THOUGH PROPERTY 19. THOUGH PROPERTY						9. WELL NO.
### SLICKTOCK Dakota #### #### ##########################			New Mexico 9740	1		10. FIELD AND POOL OR WILDCAT
At proposed prod. sone At proposed prod. sone At proposed prod. sone Sec. 7, T29N, RIGW Sec. 7, T29N,	4. LOCATION OF WELL	(Report location clearly	and in accordance with any	State requirements.*)		,
At proposed prod. sone Sec. 7, T29N, R16W 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR PORT OFFICE* 8 miles east southeast of Shiprock, New Mexico 10. DISTANCE PROM PROPORABLY 10. No. OF ACRES IN LARES 11. No. OF ACRES ARRIVADO 12. COUNTY OF FABRISH 13. STATE San Juan NM NM 14. No. OF ACRES IN LARES 17. No. OF ACRES ARRIVADO 18. DISTANCE PROV TRADOGRAD LOCKTION** 19. PROPOSED DEPTH CABLO DEPTH CABL	At surface	760' FNL -	48° FWL			11. SEC., T., R., M., OR BLK.
14. DEFINITE AND DESCRIBE PROPOSED FEGGRAM: If proposal is to deepen or plug back, give data on present productive sone and measured and true vertical depths. 15. Definition of Parish (1.5. pt.) 28. miles east southeast of Shiprock, New Mexico 15. Definition of Parish (1.5. pt.) 16. No. of ACRES IN LEARY 17. No. of ACRES ABSONDED 18. PROPOSED DEFTH (2.5. pt.) 29. APPROVAL DATE 20. 12. APPROVAL DATE 20. 12. APPROVAL DATE 20. 17. No. of ACRES ABSONDED 20. 18. PROPOSED DEFTH (2.5. pt.) 20. APPROVAL DATE 20. 18. PROPOSED DEFTH (2.5. pt.) 20. APPROVAL DATE 20. 19. PROPOSED DEFTH (2.5. pt.) 20. APPROVAL DATE 21. ALEXAMONS (Show whether DF, RT, GR, etc.) 22. APPROV. DATE WORK WILL START' 23. 24. APPROV. DATE 24. APPROVAL DATE 25. PROPOSED CASING AND CEMENTING PROGRAM 26. 19. PROPOSED CASING AND CEMENTING PROGRAM 27. 19. PROPOSED CASING AND CEMENTING PROGRAM 28. PROPOSED CASING AND CEMENTING PROGRAM 29. PROPOSED CASING AND CEMENTING PROGRAM 29. PROPOSED CASING AND CEMENTING PROGRAM 20. PROPOSED CASING AND CEMENTING PROGRAM 20. PROPOSED CASING AND CEMENTING PROGRAM 22. APPROV. DATE 23. PROPOSED CASING AND CEMENTING PROGRAM 24. PROPOSED CASING AND CEMENTING PROGRAM 25. DEFTING COMMITTED CEMENT 26. PROPOSED CASING AND CEMENTING PROGRAM 27. PROPOSED CASING AND CEMENTING PROGRAM 28. PROPOSED CASING AND CEMENTING PROGRAM 29. PROPOSED CASING AND CEMENTING PROGRAM 20. PROPOSED CASING AND CEMENTING PROGRAM 22. APPROV. DATE 23. PROPOSED CASING PROGRAM 24. DEFTING COMMITTED CEMENT 25. COMPLETE COMMITTED CEMENT 26. PROPOSED CASING PROGRAM: If proposal is to deepen or plug back, give data on present productive sone and proposed new productive sone a	At proposed prod.	zone				
8 miles east southeast of Shiprock, New Mexico 15. DISTANCE FROM PROPORED 10. No. or ACRES IN LEASE 16. No. or ACRES IN LEASE 17. No. or ACRES ARRIVED 18. DISTANCE FROM PROPORED LOCATION* 18. DISTANCE FROM PROPORED LOCATION* 19. PROPOSED DEFTN 22. DISTANCE FROM PROPORED LOCATION* 27. DISTANCE FROM PROPORED LOCATION* 28. DISTANCE FROM PROPORED LOCATION* 29. DISTANCE FROM PROPORED LOCATION* 20. APPROVAL CALLE AND CALLED TO THIS LEASE, Tr. 20. APPROVAL CALLED TO THIS LEASE, Tr. 21. LILYATIONS (Story Webter DF, RT, GR, etc.) 21. LILYATIONS (Story Webter DF, RT, GR, etc.) 22. APPROVAL PROPORED CASING AND CEMENTING PROGRAM 22. APPROVAL PROPORED CASING AND CEMENTING PROGRAM 23. PROPOSED CASING WEIGHT PRE FOOD SETTING DEFTH QUANTITY OF CEMENT 29. 74 29. 74 20. APPROVAL DATE 1. Drive 7" casing thru boulders and cement with 5 sx cement. 2. Drill 6-1/4" hole to top of Dakota sand at approximately 660. 3. Run 4-1/2" casing and cement to surface with 75 sx cement. 4. Drill 3-7/8" hole below 4-1/2" casing to approximately 670. 5. Complete well in open hole without stimulation of Dakota sand. 6. Run 2-3/8" tubing to 665. 1. WAADOTE SPACE DESCRIBED PROGRAM. If proposal is to deepen or plug back, give data on present productive some and approximately program. If any, 24. Origins Signed by 31. ADD 3. TITLE Geologist 3. DATE 2-7-75 APPROVAL DATE APPROVAL DATE 1. DATE 2-7-75 APPROVAL DATE 1. DATE 2-7-75				, · ·		
15. DISTANCE FOOD REPORTED 10. NO. OF ACRES IN LEASE 17. NO. OF ACRES ASSISTED						!
LOCATION TO SHARKET NET. (Also to hearest diff, unit line, if any) 320 15. PROPOSED LOCATION* TO EXAMENS WILL, DILLIAN, COMPLETED, 3361 1660 17. PROPOSED DEFTII Cable foots Surface casing Rotary bottom surface c					17. No. (1
18. DEFENCE FROM PROPOSED LOCATIONS TO MARKEY WELL, DRILLING, COMPLETED, on APPROVAL DATE 22. APPROX. DATE TOOLS 23. PROPOSED CASING AND CEMENTING PROGRAM 24. PROPOSED CASING AND CEMENTING PROGRAM 25. PROPOSED CASING WEIGHT PER POOR 26. SETTING DETTR TO MARKEY WELL APPROX. DATE WORLD WILL BEARTY 36. SETTING DETTR TO MARKEY WELL APPROX. DATE WEIGHT FOR FOOR 3. Run 4-1/2" casing thru boulders and cement with 5 sx cement. 4. Drill 6-1/4" hole to top of Dakota sand at approximately 660". 3. Run 4-1/2" casing and cement to surface with 75 sx cement. 4. Drill 3-7/8" hole below 4-1/2" casing to approximately 670". 5. Complete well in open hole without stimulation of Dakota sand 6. Run 2-3/8" tubing to 665". FEB 1 315 OIL CON. OI	LOCATION TO NEAR PROPERTY OR LEAS	EST E LINE, FT.				HIS WELL
ON PROBLEM No. Describe Processor Freedral or State office use) 358' OOU' Rotary bottom surface csg to 22. APPROX. Date work will start* 22. APPROX. Date work will start* 23. PROPOSED CASING AND CEMENTING PROGRAM SIZE OF CASING WEIGHT PER POOT SETTING DEPTH QUANTITY OF CEMENT 9" 7" 20\$ 30' 5 \$x 6-1/4" 4-1/2" 9.5\$ 660' 75 \$x 1. Drive 7" casing thru boulders and cement with 5 \$x\$ cement. 2. Drill 6-1/4" hole to top of Dakota sand at approximately 660'. 3. Run 4-1/2" casing and cement to surface with 75 \$x\$ cement. 4. Drill 3-7/8" hole below 4-1/2" casing to approximately 670'. 5. Complete well in open hole without stimulation of Dakota sand. 6. Run 2-3/8" tubing to 665'. FEB 1. Original Stand by STONED Jim 1. Jacobs TITLE Geologist DATE 2-7-75 (This space for Federal or State office use)					20. ROTA	·- ·
22. APPROX. DATE WORK WILL START* 4988* GR 3-1-75 PROPOSED CASING AND CEMENTING PROGRAM SIZE OF ROLE SIZE OF CASING PROPOSED CASING AND CEMENTING PROGRAM SIZE OF ROLE SIZE OF CASING PROPOSED CASING AND CEMENTING PROGRAM SIZE OF ROLE SIZE OF CASING PROPOSED CASING AND CEMENTING PROGRAM SIZE OF ROLE SIZE OF ROLE SIZE OF CASING WEIGHT PER POOT SETTING DEFTH QUANTITY OF CEMENT GEO! To sx 1. Drive 7" casing thru boulders and cement with 5 sx cement. 2. Drill 6-1/4" hole to top of Dakota sand at approximately 660°. 3. Run 4-1/2" casing and cement to surface with 75 sx cement. 4. Drill 3-7/8" hole below 4-1/2" casing to approximately 670°. 5. Complete well in open hole without stimulation of Dakota sand 6. Run 2-3/8" tubing to 665°. FEB 14 30.0 OIL CON. CONS. FEB 14 30.0 FEB 14 30.0 OIL CON. CONS. FEB 14 30.0 FEB 14 30.0 FEB 14 30.0 FEB 14 30.0 FEB 15 30.0 FEB 16 30.0 FEB 17 40.0 FEB 17 4			336'	660 °	Rota	e tools surtace casing rv bottom surtace cso to T
SIZE OF HOLE SIZE OF CASING WEIGHT PER POOT SETTING DEPTH QUANTITY OF CEMENT 9" 7" 20\$ 30! 5 SX 75 SX 1. Drive 7" casing thru boulders and cement with 5 sx cement. 2. Drill 6-1/4" hole to top of Dakota sand at approximately 660°. 3. Run 4-1/2" casing and cement to surface with 75 sx cement. 4. Drill 3-7/8" hole below 4-1/2" casing to approximately 670°. 5. Complete well in open hole without stimulation of Dakota sand. 6. Run 2-3/8" tubing to 665°. FEB 1 3/3 OIL CCN. COM. DIST. 3 DIST. 3 OIL CCN. COM. SIN ABOVE 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 blowout preventer program, if any. 24. Oil 18 Signed by SIGNED JIM I. JBCODS TITLE Geologist DATE 2-7-75 APPROVAL DATE APPROVAL DATE	21. ELEVATIONS (Show	whether DF, RT, GR, etc.))			22. APPROX. DATE WORK WILL START*
SIZE OF ROLE SIZE OF CASING SIZE OF CASING SIZE OF CASING WEIGHT PER POSS SETTING DEFTH QUANTITY OF CEMENT 3.01 5.5x 6-1/4" 4-1/2" 9.5# 660¹ 75 sx 1. Drive 7" casing thru boulders and cement with 5 sx cement. 2. Drill 6-1/4" hole to top of Dakota sand at approximately 660°. 3. Run 4-1/2" casing and cement to surface with 75 sx cement. 4. Drill 3-7/8" hole below 4-1/2" casing to approximately 670°. 5. Complete well in open hole without stimulation of Dakota sand 6. Run 2-3/8" tubing to 665°. FEB 14 315 OIL CON. COM. DIST. 3 OIL CON. COM. FEB 14 OIL CON. COM. O		R		· · · · · · · · · · · · · · · · · · ·		3-1-75
9" 7" 20# 30" 5 sx 6-1/4" 4-1/2" 9.5# 660" 75 sx 1. Drive 7" casing thru boulders and cement with 5 sx cement. 2. Drill 6-1/4" hole to top of Dakota sand at approximately 660°. 3. Run 4-1/2" casing and cement to surface with 75 sx cement. 4. Drill 3-7/8" hole below 4-1/2" casing to approximately 670°. 5. Complete well in open hole without stimulation of Dakota sand. 6. Run 2-3/8" tubing to 665°. FEB 1. 8/5 OIL CON. COM. DIST. 3 DIST. 3 DIST. 3 DI	23.		PROPOSED CASING AN	D CEMENTING PROGR.	AM	
1. Drive 7" casing thru boulders and cement with 5 sx cement. 2. Drill 6-1/4" hole to top of Dakota sand at approximately 660°. 3. Run 4-1/2" casing and cement to surface with 75 sx cement. 4. Drill 3-7/8" hole below 4-1/2" casing to approximately 670°. 5. Complete well in open hole without stimulation of Dakota sand 6. Run 2-3/8" tubing to 665°. FEB 1. 3/5 OIL CON. COM. DIST. 3 DIST. 3 DIST. 3 OIGINED Jim 1. Jacobs TITLE Geologist DATE 2-7-75 (This space for Federal or State office use)	SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT	
1. Drive 7" casing thru boulders and cement with 5 sx cement. 2. Drill 6-1/4" hole to top of Dakota sand at approximately 660°. 3. Run 4-1/2" casing and cement to surface with 75 sx cement. 4. Drill 3-7/8" hole below 4-1/2" casing to approximately 670°. 5. Complete well in open hole without stimulation of Dakota sand. 6. Run 2-3/8" tubing to 665°. FEB 1 315 OIL CCN. COM. DIST. 3						
2. Drill 6-1/4" hole to top of Dakota sand at approximately 660°. 3. Run 4-1/2" casing and cement to surface with 75 sx cement. 4. Drill 3-7/8" hole below 4-1/2" casing to approximately 670°. 5. Complete well in open hole without stimulation of Dakota sand 6. Run 2-3/8" tubing to 665°. FEB 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	6-1/4"	4-1/2"	9.5#	660	-	/5 sx
2. Drill 6-1/4" hole to top of Dakota sand at approximately 660°. 3. Run 4-1/2" casing and cement to surface with 75 sx cement. 4. Drill 3-7/8" hole below 4-1/2" casing to approximately 670°. 5. Complete well in open hole without stimulation of Dakota sand 6. Run 2-3/8" tubing to 665°. FEB 14 345 OIL CCN. COM. DIST 3 DIST 3 DIST 3 DIST 3 DIST 3 DIST 3 TITLE Geologist DATE 2-7-75 Jim 1. 1300bs (This space for Federal or State office use)			·	1		
SIGNED Jim L. Jacobs (This space for Federal or State office use) PERMIT NO	2. Drill 3. Run 4 4. Drill 5. Compl 6. Run 2	6-1/4" hole to -1/2" casing an 3-7/8" hole be ete well in ope -3/8" tubing to	top of Dakota sold cement to surface tow 4-1/2" casing the hole without sold 665.	and at approximated to approximate timulation of Department of Departmen	cement. ely 670 pakota	FEB A SOLVE OIL CCN. COVI. DIST. 3
TITLE JIM L. Jacobs (This space for Federal or State office use) PERMIT NO	<i>2</i> 4. ∪;	•				0.7.75
(This space for Federal or State office use) PERMIT NOAPPROVAL DATE	SIGNED		TITLE	Geologist		DATE
211	(This space for F					
211	PERMIT NO			APPROVAL DATE		
APPROVED BY U	0					
	APPROVED BY	(TITLE			DATE

NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-100 Supersedes C-128 Effective 14-63

All distances must be from the outer boundaries of the Section Operator Lease Walter Duncan **%**-5 North Hogback Unit Letter Section Township Range County 29 North 16 West San Juan Actual Footage Location of Well: 760 West North feet from the line and feet from the Ground Level Elev. Producing Formation Pool Proration Unit: OKT 4988 Dakota Slickrock 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 __ □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 Commis-CERTIFICATION 7601 I hereby certify that the information contained herein is true and complete to the Proposed best of my knowledge and belief. 144 Location Jim L. Jacobs Geologist Company Walter Duncan Date Sec. I hereby certify that the well location shown on this plet was glotted from field notes of actual surveys made by the or under my supervision, and that the same is true and correct to the best of my knowledge and belief. THE GON COM February 4, 1975 Date Surveyed <u>Frederick H. Reed</u> Registered Professional Engineer

1500

1000