## (SUBMIT IN TRIPLICATE)

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## UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

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Lease No. 1-			

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NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF WATER	HUT-OFF		
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF SHOOTIN	G OR ACIDIZING		
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF ALTERIN	G CASING.		
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF REDRILL	ING OR REPAIR		
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NOTICE OF INTENTION TO ABANDON WELL	Subsection Report			
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	April 6	1962		
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Well No. 140 is located 1980	Ift. from I line and 660 ft. from	$m \stackrel{E}{\downarrow} line of sec. 11$		
sem to an analysis of the second	•	M Mic Of Sec.		
NE Sec 11 T29N	R19W NMPM			
Data annaha	(Range) (Meridian)			
Rattlesnake San	Juan County N (County or Subdivision)	ew Mexidal IV[]		
	•	(State or Territory)		
The elevation of the derrick floor above sea level is 5273 ft.				
		MILLO		
	ETAILS OF WORK	OIL CON. COM.		
(State names of and expected depths to objective sands; ing points, a	show sizes, weights, and lengths of proposed casing	DIST. 3		
mg points, s	and an other important proposed work)	indicating jobs, cement-		
T.D. before despening 6660	, open hole completion	65271-66601.		
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to 6710' w/L shots per for	6 6715'. Cemented w/40 6715'. Logged; perfo	rated from 6700'		
to 6710' w/4 shots per for Swabbed down to 6300'. Sp	0 0032'. Gemented w/40 o 6715'. Logged; perfo t. Ran tubing w/packer	rated from 6700' set @ 6563'.		
to 6710' w/4 shots per for Swabbed down to 6300'. Sp.	compact. Cemented w/40 of 6715'. Logged; perfort. Ran tubing w/packer otted 1,000 gal. acid,	rated from 6700' set @ 6563'. pressured up to		
to 6710' w/4 shots per for Swabbed down to 6300'. Sp 3,000 psi, could not displa Reran packer, set 6758'.	6 0532'. Gemented w/40 o 6715'. Logged; performance of the Ran tubing w/packer otted 1,000 gal. acid, ace acid. Cut notches spotted 1,000 gal. ac	rated from 6700' set @ 6563'. pressured up to @ 6703' & 6708'.		
to 6710' w/4 shots per foo Swabbed down to 6300'. Sp 3,000 psi, could not displa Reran packer, set 6758'. OK. Spotted 300 gal. acid	o 6715'. Cemented w/40 o 6715'. Logged; performance acid. Cut notches spotted 1,000 gal. acid. Spotted 1,000 gal. ac.	rated from 6700' set @ 6563'. pressured up to 6703' & 6708'. id, pressured up		
to 6710' w/4 shots per for Swabbed down to 6300'. Sp 3,000 psi, could not displace Reran packer, set 6758'. OK. Spotted 300 gal. acid 1600 psi. Spotted 700 gal.	compared w/40 of 6715'. Logged; performer to Ran tubing w/packer otted 1,000 gal. acid, ace acid. Cut notches Spotted 1,000 gal. ac., formation broke down	rated from 6700' set 6563'. pressured up to 6703' & 6708'. id, pressured up from 4500 to		
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I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Continental Oil Company	operations may be commenced.
Address Box 3312	
Durango, Colorado	Original Signice 4.  By H. D. HALEY
	Title District Superintendent

## Details of Work - (Continued)

per foot. Reran packer, set @ 6483'. Swabbed tubing dry and spotted 500 gals. mud acid @ packer depth. Pressured tubing to 3000 psi, couldn't pump into formation. Pressured annulus to 1000 psi, tubing to 3500 psi & developed communication between tubing and annulus. Pulled packer, perforated from 6658' to 6666' w/3 shots per foot. Ran tubing w/new packer @ 6483'. Pressure communicated w/annulus. Pulled tubing, found one bad joint, reran w/packer 6547'. Hole open to all perforations. Put 500 gals. acid in hole. Pressured up to 4500 psi, unable to break down. Pulled tubing & packer and perforated at 6677' and 6661' w/3 1/2" bear gun shots. Set packer @ 6547' with 61' of tail pipe below pecker and swabbed dry. Spotted 2 bbls. of acid, broke down formation. Acidized w/1000 gals. on vacuum. Swabbed 2 hours, well started flowing. Released rig 3-20-62. IP 3-23-62, 72 BOPD, 20 BEPD & 1100 MCFGPD on 18/64" choke. Allowable: 25

Carry Louis Astronomy Commission

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