. Al. Sec. 15 (SUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Buc Apr	dget Bureau No. 42-R358.4. proval expires 12-31-60.
Land Office	Santa //o
Lease No.	an 020505
Unit Max	Leo-Fed "H"

SUNDRY NOTICES AND REPORTS ON WELLS

TICE OF INTENTION TO DRILL	SUBSPOUENT REP	PORT OF WATER SHUT-OFF	
TICE OF INTENTION TO CHANGE PLANS		ORT OF SHOOTING OR ACIDIZIN	i
TICE OF INTENTION TO TEST WATER SHUT-OFF		ORT OF ALTERING CASING	
TICE OF INTENTION TO RE-DRILL OR REPAIR WELL		ORT OF RE-DRILLING OR REPAIR	
TICE OF INTENTION TO SHOOT OR ACIDIZE		ORT OF ABANDONMENT	
		WELL HISTORY	
TICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTART	WELL HISTORY	
TICE OF INTENTION TO ABANDON WELL			
(INDICATE ABOVE BY CHECK I	MARK NATURE OF REPORT, NO	OTICE, OR OTHER DATA)	30 19 61
No. 1 is located 1850 ft. f	-	1650 ft. from (, 17
(½ Sec. and Sec. No.) (Twp.)	(Range)	(Meridian)	
sin Dakota S	San Juan	New Year	.00
(Field) (Con	ounty or Subdivision)	(State or Territo	(y)
e names of and expected depths to objective sands; she ing points, and appudded Cetober 19, 1961. Set	t 5-5/6" (D easing.) L 5-5/6" (D easing.)	ng at 306' and semi 1100 A.H. Catober	mted with : 20, 1961.
e names of and expected depths to objective sands; she impoints, and spudded October 19, 1961. Set so Coment directlated to surfact rs. Shut off tested CK. Reack 2" (D casing at 6544" with "DV" ber 30, 1961. Temperature Suring at 4069". Comented And. stelleted And stage at 2:15 P.M. October toutside of 4-1/2" (D casing at 4:12") Tool at 2011' and tested sement to 6543". P.B.T.D. 654, total of A below. Set Hallis	ow sizes, weights, and lengths dall other important propose to 5-5/6" OD enaim see. Flug down at hed total depth of Tool at 2011'.	ig at 306' and semi 1100 i.H. Catober of 6547' on COtober Comented let. str of sement outside Tool at 2011' with Temperature Surve at 1486'. NCC 24 2. Shut off tester 1-1/2" OD casing for at 6487' with bo	mted with 1 20, 1961. 29, 1961. 29, 1961. 20 at 6:00 2 of 4-1/2" 2 b 120 acciding indicates bra. Drill 1 CK. Drill
e names of and expected depths to objective sands; she spudded Cetober 19, 1961. Set s. Coment directated to surface rs. Shut off tested CR. Reach 2° (2) casing at 6544 with "D" ber 30, 1961. Temperature Survey ng at 4069'. Comented 2nd. ste leted 2nd stage at 2:15 P.M. (2) coment outside of 4-1/2° (2) casi "D" Tool at 2011' and tested sement to 6543'. P.S.T.D. 654; total of a below. Set Hallist at 6526'. Sembbed tubing dry. REVERSE SIDE) understand that this plan of work must receive appro-	ow sizes, weights, and lengths dall other important propose to 5-5/6" OD eacing the total depth of "Tool at 2011'. Wey indicated togonge through "F" stoker 30, 1961. ing on 2nd stage 1500° for 30 min: 3'. Perforated togonge RTT5 Panker Tested 3 hrs.	ig at 306' and ease 1100 A.H. Catober of 6547' on Citober Comented let. strong of cament outside Temperature Survivat 1486'. NCC 24. Shut off tester 1486' with bound recovered 80 East Cal Survey before opegations maintained and recovered 80 East Cal Survey before opegations maintained and recovered 80 East Cal Survey before opegations maintained and recovered 80 East Cal Survey before opegations maintained and recovered 80 East Cal Survey before opegations maintained and recovered 80 East Cal Survey before opegations maintained and recovered 80 East Cal Survey before opegations maintained and recovered 80 East Cal Survey before opegations maintained and recovered 80 East Cal Survey before opegations maintained 80 East Cal Survey before opegations maintained 80 East Cal Survey before opegations and 80 East Cal Survey before opegations maintained 80 East Cal Survey Barting 80 Ea	mted with 1 20, 1961. 29, 1961. 29, 1961. 20 at 6:00 20 f 4-1/2° 21 120 acking indicates 21 i CK. Drill 22 cm 6519-65: 24 cm of take 25 ESSS 31D y be commenced.
enames of and expected depths to objective sands; she spudded Cetober 19, 1961. Set s. Coment directlated to surface rs. Shut off tested CR. Reach 2" (2) casing at 6544" with "D?" bor 30, 1961. Temperature Surv ng at 4069". Comented 2nd. ste leted 2nd stage at 2115 P.M. Of ment outside of 4-1/2" (2) casi "EF" Tool at 2011' and tested 2 senent to 6543". F.B.T.D. 654; total of 4 heles. Set Hallib at 6526". Sembbed tubing dry.	ow sizes, weights, and lengths dall other important propose to 5-5/6" OD eacing the total depth of "Tool at 2011'. Wey indicated togonge through "F" stoker 30, 1961. ing on 2nd stage 1500° for 30 min: 3'. Perforated togonge RTT5 Panker Tested 3 hrs.	ig at 306' and ease 1100 A.H. Catober of 6547' on Citober Comented let. strong of cament outside Temperature Survivat 1486'. NCC 24. Shut off tester 1486' with bound recovered 80 East Cal Survey before opegations maintained and recovered 80 East Cal Survey before opegations maintained and recovered 80 East Cal Survey before opegations maintained and recovered 80 East Cal Survey before opegations maintained and recovered 80 East Cal Survey before opegations maintained and recovered 80 East Cal Survey before opegations maintained and recovered 80 East Cal Survey before opegations maintained and recovered 80 East Cal Survey before opegations maintained and recovered 80 East Cal Survey before opegations maintained 80 East Cal Survey before opegations maintained 80 East Cal Survey before opegations and 80 East Cal Survey before opegations maintained 80 East Cal Survey Barting 80 Ea	mted with 1 20, 1961. 29, 1961. 29, 1961. 20 at 6:00 20 f-1/2° 21 120 acking indicates 21 i CK. Drill 22 cm 6519-65: 24 cm of two 25 ESSES 310 y be commenced.
e names of and expected depths to objective sands; she ing points, and spudded Cotober 19, 1961. Set a Coment circulated to surface with the same of tested Ca. Beach 2° Co casing at 5544° with "D" ber 30, 1961. Temperature Surface 30, 1961. Surface 31, 57. Co casing at 4069°. Comented 3nd stage at 2:15 P.M. Coment outside of 4-1/2° Co casing Tool at 2011° and tested coment to 5543°. For J. Comented 31, 57. Set	ow sizes, weights, and lengths dall other important propose to 5-5/6" OD eacing the total depth of "Tool at 2011'. Wey indicated togonge through "F" stoker 30, 1961. ing on 2nd stage 1500° for 30 min: 3'. Perforated togonge RTT5 Panker Tested 3 hrs.	ig at 306' and ease 1100 A.H. Catober of 6547' on Citober Comented let. strong of cament outside Temperature Survivat 1486'. NCC 24. Shut off tester 1486' with bound recovered 80 East Cal Survey before opegations maintained and recovered 80 East Cal Survey before opegations maintained and recovered 80 East Cal Survey before opegations maintained and recovered 80 East Cal Survey before opegations maintained and recovered 80 East Cal Survey before opegations maintained and recovered 80 East Cal Survey before opegations maintained and recovered 80 East Cal Survey before opegations maintained and recovered 80 East Cal Survey before opegations maintained and recovered 80 East Cal Survey before opegations maintained 80 East Cal Survey before opegations maintained 80 East Cal Survey before opegations and 80 East Cal Survey before opegations maintained 80 East Cal Survey Barting 80 Ea	mted with 1 20, 1961. 29, 1961. 29, 1961. 20 at 6:00 20 4-1/2° 21 120 acking indicate 20 indicate 21 0K. Drill 22 cm 6519-65 24 cm of two 25 25 25 25

Had small show of gas. Spotted 250 gals. Western *Boerhand* acid on bottom. Perforated 4-1/2" GD easing from 6475-6482', 6504-6510' & 6514-6519' - 18' total of 72 holes. Fractured through 4-1/2" GD easing perfs. 6475-6520' (intervals) with 33,000 gals. water and 25,000f 20/40 sand. Set bridge plug at 6460'. Perforated 4-1/2" GD easing 6398-6433' - 35' a total of 140 shots. Fractured through 4-1/2" GD easing perfs. 6398-6433' with 31,800 gals. water, 30,000/ 20/40 sand and 250 gals. "Spearhead" 15% Acid. Set Bridge Flug at 6370'. Perforated 4-1/2" GD easing from 6320-6344' with 23,500 gals. water, 18,500/ 20/40 sand and 250 gals. "Spearhead" 15% Acid. Brilled out Oniherson Bridge flug at 6370' and 6460'. Classed hole to F.B.T.D. 6543'. Res 2" tuking and wall kicked off. After 3 hrs. flow period gas measured 6139 MEF per day flowing through 2" tuking, 3/4" postive choke for a calculated ACF Petential of 6498 MCF per day, C.P. 5456, T.P. 4926.