Form 9-881 a (Feb. 1951)

(SUBMIT IN TRIPLICATE)

## UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Land Office Santa Fe Lease No. M. 019411

Unit 1/2 3eg. 31, T-30N R-11W, N.M.P.M. San Juan County, New Mexico

## NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL			REPORT OF WATER SHUT-OFF	
IOTICE OF INTENTION TO CHANGE PLA	ANS	SUBSEQUENT	REPORT OF SHOOTING OR ACIDIZING	
OTICE OF INTENTION TO TEST WATER	P SHIT-OFF	SUBSEQUENT	REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT	REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO REPORTED OF	ACIDI7F	1 11	REPORT OF ABANDONMENT	
TO BUILD OF A	CER CASING	SUPPLEMENT	TARY WELL HISTORY	
OTICE OF INTENTION TO POLL ON AL	VEL I		+	
OTICE OF INTENTION TO ABANDON W	<b>*******</b>			
(INDICAT	E ABOVE BY CHECK I	MARK NATURE OF REPOR	RT, NOTICE, OR OTHER DATA)	,
•			Eny C	19.62
			id 1850 ft. from \( \bigve{W} \) line of \( \text{N.M.P.N.} \)	sec31
E/L 5W/L 506. 31 (% Sec. and Sec. No.)	(Twp.)	(Range)	(Meridian)	
asin Dakota		unty or Subdivision)	(State or Territory)	
(Field)	(37			
c denths to	objective sands; sh	TAILS OF WO	engths of proposed casings; indicate mudd	ing jobs, cement-
	o objective sands; she ing points, an	ow sizes, weights, and led	engths of proposed casings; indicate mudd roposed work)	DE TANA AW
l. Drill out stage c 6726'. Pressure	objective sands; shing points, an ollars at 2: test casing	ow sizes, weights, and it dell other important p 209 and 1,006 to 3000 psi	engths of proposed casings; indicate mudd proposed work)  1 - clean out to plug ba for 30 minutes - pressur	e held on
Drill out stage c 6726'. Pressure 1/17/62.	objective sands; shing points, an	ow sizes, weights, and it dell other important p 209 and 1,006 to 3000 psi	engths of proposed casings; indicate mudd reposed work)  1 - clean out to plug ba for 30 minutes - pressur Ran cement bond log. Fi	e held on
Drill out stage c 6726'. Pressure 1/17/62.	objective sands; shing points, an	ow sizes, weights, and it dell other important p 209 and 1,006 to 3000 psi	engths of proposed casings; indicate mudd reposed work)  1 - clean out to plug ba for 30 minutes - pressur Ran cement bond log. Fi	e held on
1. Drill out stage c 6726'. Pressure 1/17/62. 2. Spotted 250 gallo cement top at 548	objective sands; she ing points, an ollars at 2 test casing one 15% acid	ow sizes, weights, and it dell other important p 2091 and 1,006 to 3000 psi on bottom.	engths of proposed casings; indicate mudd reposed work)  1 - clean out to plug ba for 30 minutes - pressur  Ran cement bond log. Find top at 30001.	e neld on
i. Drill out stage c 6726. Pressure 1/17/62. 2. Spotted 250 gallo cement top at 548	objective sands; she ing points, an ollars at 2 test casing one 15% acid	ow sizes, weights, and it dell other important p 2091 and 1,006 to 3000 psi on bottom.	engths of proposed casings; indicate mudd reposed work)  1 - clean out to plug ba for 30 minutes - pressur  Ran cement bond log. Find top at 30001.	e neld on
Drill out stage c 6726'. Pressure 1/17/62. 2. Spotted 250 gallo cement top at 516 3. Perf. ii shots/ft.	objective sands; she ing points, an ollars at 2 test casing one 15% acid 60°. Second 6710-6698°	ow sizes, weights, and ideal other important p 2091 and 1,006 to 3000 psi on bottom. stage coment and 6632-662	engths of proposed casings; indicate mudd reposed work)  1 - clean out to plug ba for 30 minutes - pressur han cement bond log. Fi top at 3000'.	e neld on
i. Drill out stage of 6726. Pressure 1/17/62.  2. Spotted 250 gallo cement top at 5163. Perf. is shots/ft. ii. Sand-water frac vis. Set Mag. bridge s	objective sands; shing points, and ollars at 25 test casing one 15% acid of 50%. Second 6710-6698% using 15,000 olug at 6600	ow sizes, weights, and is delighted to 3000 paid to 3000 paid on bottoms and 5632-662 pounds 20-16.	engths of proposed casings; indicate mudd reposed work)  ! - clean out to plug ba for 30 minutes - pressur  Han cement bond log. F: ! top at 3000!.  !!!. ! sand and 21,210 gallons	e held on irst stage
Drill out stage of 6726'. Pressure 1/17/62.  2. Spotted 250 gallo cement top at 5163. Perf. is shots/ft. is Sand-water frac viscost Set Mag. bridge s	objective sands; shing points, and ollars at 25 test casing one 15% acid of 50%. Second 6710-6698% using 15,000 olug at 6600	ow sizes, weights, and is delighted to 3000 paid to 3000 paid on bottoms and 5632-662 pounds 20-16.	engths of proposed casings; indicate mudd reposed work)  ! - clean out to plug ba for 30 minutes - pressur  Han cement bond log. F: ! top at 3000!.  !!!. ! sand and 21,210 gallons	e held on irst stage
Drill out stage of 6726'. Pressure 1/17/62.  2. Spotted 250 gallo cement top at 51/8.  3. Perf. ii shots/ft.  5. Set Mag. bridge of 6. Perf. ii shots/ft.	objective sands; shing points, and ollars at 2: test casing one 15% acid so: Second 6710-6698' lsing 15,000 olug at 6600 6560'-6588' mains 38.000	ow sizes, weights, and ideal other important p 209 and 1,006 to 3000 psi on bottom. stage coment and 5632-562 pounds 20-14 nounds 20-14	engths of proposed casings; indicate mudd proposed work)  ! - clean out to plug ba for 30 minutes - pressur Han cement bond log. Find the standard of the standard log. Find the standard log of the standard	e held on irst stage
Drill out stage of 6726'. Pressure 1/17/62.  2. Spotted 250 gallo cement top at 518  3. Perf. is shots/ft.  5. Set Mag. bridge for Perf. is shots/ft  7. Sand-water frac to Set Mag. bridge for the shots/ft  8. Set Mag. bridge for the shots/ft	objective sands; shing points, and ollars at 2: test casing one 15% acid so: Second 6710-6698' lsing 15,000 olug at 6600 6560'-6588' using 38,000 olug at 6530 ol	ow sizes, weights, and ideal other important p 209 and 1,006 to 3000 psi on bottom. stage coment and 6632-662 pounds 20-14 pounds 20-14 pounds 20-14	engths of proposed casings; indicate mudd proposed work)  ! - clean out to plug ba for 30 minutes - pressur Han cement bond log. Find the standard log. Find the standard log. Find the standard log. Sand and 21,210 gallons log.	e held on irst stage water.
Drill out stage of 6726'. Pressure 1/17/62.  2. Spotted 250 gallo cement top at 5163. Perf. is shots/ft. Sand-water frac v. Set Mag. bridge for Perf. is shots/ft.  8. Set Mag. bridge for Set Mag. bridge for Mag. bridge for Perf. is shots/ft.  9. Perf. is shots/ft.	objective sands; shing points, and ollars at 2: test casing one 15% acid so: Second 6710-6698' using 15,000 6560'-6588' using 38,000 plug at 6530 6484-6502'	ow sizes, weights, and ideal other important p 209 and id006 to 3000 pai on bottome stage coment and 5632-562 pounds 20-id pounds 20-id pounds 20-id pounds 20-id pounds 20-id	engths of proposed casings; indicate mudd reposed work)  ! - clean out to plug ba for 30 minutes - pressur  Han cement bond log. Fine top at 3000'.  !! .  ! sand and 21,210 gallons  ! sand and 37,800 gallons  ! sand and 18,170 gallons  ! sand and 18,170 gallons	e held on irst stage water.  s water. s water.
Drill out stage of 6726'. Pressure 1/17/62.  2. Spotted 250 gallo cement top at 5163. Perf. is shots/ft.  3. Perf. is shots/ft.  5. Set Mag. bridge for Perf. is shots/ft.  7. Sand-water frac to Sand-wate	objective sands; shing points, and ollars at 2: test casing one 15% acid so: Second 6710-6698' using 15,000 6560'-6588' using 38,000 plug at 6530 6484-6502'	ow sizes, weights, and ideal other important p 209 and id006 to 3000 pai on bottome stage coment and 5632-562 pounds 20-id pounds 20-id pounds 20-id pounds 20-id pounds 20-id	engths of proposed casings; indicate mudd reposed work)  1 - clean out to plug ba for 30 minutes - pressur han cement bond log. Find top at 3000'.  14'.  1 - sand and 21,210 gallons  2 - sand and 37,800 gallons  3 - sand and 18,170 gallons  4 - sand and 18,170 gallons  5 - sand and 18,170 gallons  6 - sand and 18,170 gallons	e neld on irst stage water.  S water.  s water.
Drill out stage of 6726. Pressure 1/17/62.  2. Spotted 250 gallo cement top at 5163. Perf. is shots/ft.  3. Perf. is shots/ft.  5. Set Mag. bridge perf. is shots/ft.  7. Sand-water frac to 8. Set Mag. bridge perf. is shots/ft.  8. Set Mag. bridge perf. is shots/ft.  1. Sand-water frac to 1. Sand-water frac	cobjective sands; shing points, and collars at 2: test casing test casing test casing test casing test casing 15,000 clug at 6600 clug at 6500 clug	ow sizes, weights, and ideal other important p 209 and 1,006 to 3000 psi on bottom. stage coment and 6632-662 pounds 20-14	engths of proposed casings; indicate mudd reposed work)  1 - clean out to plug ba for 30 minutes - pressur han cement bond log. Find top at 3000'.  14'.  1 - sand and 21,210 gallons  2 - sand and 37,800 gallons  3 - sand and 18,170 gallons  4 - sand and 18,170 gallons  5 - sand and 18,170 gallons  6 - sand and 18,170 gallons	e neld on irst stage water.  S water.  s water.
1. Drill out stage of 6726'. Pressure 1/17/62. 2. Spotted 250 gallo coment top at 5163. Perf. is shots/ft. 3. Perf. is shots/ft. 4. Sand-water frac to 5. Set Mag. bridge perf. is shots/ft. 7. Sand-water frac to 8. Set Mag. bridge perf. is shots/ft. 10. Sand-water frac to 1 understand that this plan of world in the stand of world in the stand of world in the stand that this plan of world in the stand that this plan of world in the stand in the stand that this plan of world in the stand in the st	cobjective sands; shing points, and collars at 2: test casing test casing test casing test casing test casing 15,000 clug at 6600 clug at 6500 clug	ow sizes, weights, and ideal other important p 209 and 1,006 to 3000 psi on bottom. stage coment and 6632-662 pounds 20-14	engths of proposed casings; indicate mudd reposed work)  ! - clean out to plug ba for 30 minutes - pressur  Han cement bond log. Fine top at 3000'.  !! .  ! sand and 21,210 gallons  ! sand and 37,800 gallons  ! sand and 18,170 gallons  ! sand and 18,170 gallons	e neld on irst stage water.  S water.  s water.
1. Drill out stage c 6726'. Pressure 1/17/62. 2. Spotted 250 gallo coment top at 516 3. Perf. is shots/ft. is. Sand-water frac is 5. Set Mag. bridge is 6. Perf. is shots/ft 7. Sand-water frac is 8. Set Mag. bridge is 9. Perf. is shots/ft 10. Sand-water frac I understand that this plan of wor Company SOUTHER	cobjective sands; shing points, and ollars at 2: test casing seed of test casing seed	ow sizes, weights, and ideal other important p 209 and 1,006 to 3000 psi on bottom. stage coment and 6632-662 pounds 20-14	engths of proposed casings; indicate mudd reposed work)  1 - clean out to plug ba for 30 minutes - pressur han cement bond log. Find top at 3000'.  14'.  1 - sand and 21,210 gallons  2 - sand and 37,800 gallons  3 - sand and 18,170 gallons  4 - sand and 18,170 gallons  5 - sand and 18,170 gallons  6 - sand and 18,170 gallons	e neld on irst stage water.  S water.  s water.
Drill out stage c 6726. Pressure 1/17/62.  2. Spotted 250 gallo cement top at 516 3. Perf. 14 shots/ft. 14. Sand-water frac to 5. Set Mag. bridge for 6. Perf. 14 shots/ft 7. Sand-water frac to 8. Set Mag. bridge for 9. Perf. 14 shots/ft 10. Sand-water frac to 14 shots/ft 15 Sand-water frac to 15 Sand-water frac to 16 Sand-water frac to 16 Sand-water frac to 17 Sand-water frac to 18 Sand-water frac to 28 Sand-water frac to 28 Sand-water frac to 38 Sand-water frac to 38 Sand-water frac to 38 Sand-water frac to 38 Sand-water frac to 39 Sand-water frac to 30 Sand-water	cobjective sands; shing points, and collars at 25 test casing one 15% acids of 50%. Second, 6710-6698 tesing 15,000 folios at 6500 folios at 6530 tesing 15,000 folios at 608	on bottom.  on bottom.  stage coment  and 5632-662  pounds 20-14  on 1/17/62.  pounds 20-14  pounds 20-14	engths of proposed casings; indicate mudd reposed work)  1 - clean out to plug ba for 30 minutes - pressur han cement bond log. Find top at 3000'.  14'.  1 - sand and 21,210 gallons  2 - sand and 37,800 gallons  3 - sand and 18,170 gallons  4 - sand and 18,170 gallons  5 - sand and 18,170 gallons  6 - sand and 18,170 gallons	e neld on irst stage water.  S water.  s water.
Drill out stage c 6726. Pressure 1/17/62.  2. Spotted 250 gallo cement top at 516 3. Perf. ii shots/ft. 14. Sand-water frac ii 5. Set Mag. bridge ii 6. Perf. ii shots/ft 7. Sand-water frac ii 8. Set Mag. bridge ii 9. Perf. ii shots/ft O. Sand-water frac ii 1 understand that this plan of wor Company SOUTHER	cobjective sands; shing points, and ollars at 2: test casing seed of test casing seed	on bottom.  on bottom.  stage coment  and 5632-662  pounds 20-14  on 1/17/62.  pounds 20-14  pounds 20-14	engths of proposed casings; indicate mudd reposed work)  1 - clean out to plug ba for 30 minutes - pressur han cement bond log. Find top at 3000'.  14'.  1 - sand and 21,210 gallons  2 - sand and 37,800 gallons  3 - sand and 18,170 gallons  4 - sand and 18,170 gallons  5 - sand and 18,170 gallons  6 - sand and 18,170 gallons	e neld on irst stage water.  S water.  s water.

11. Drilled out bridge plugs and cleaned out to plug back T.D. of 67261.

12. Set Baker Model "i" production packer at 6355 on 4/19/62.

13. Set Baker full bore packer at 3538' and perf. thru tubing 4 shots/ft. 3744-43.

14. Swab well in and test for 3 hours - well making gas and sait water.

- Squeeze through packer with 75 sacks cement with 1% flac. Max squeeze pressure 15. 3000 psi. Squeeze complete at 7:00 a.m. 11/20/62.
- 16. Pressure up on perfs to 2500 psi for 30 minutes on 4/21/62. Pressure held.
- 17. Perf 2 shots/ft 3744-3724'. Pumped 500 gallons 15% Ha. Pressure broke from 2700-2000 psi.
- 18. Blew hole coum with gas well making estimated I much with 1" stream water.
- 19. Set maker full bore packer at 3587' and squeeze perfs with 60 eacks cement with 1% flac on 1/23/62. Standing squeeze pressure 1400 psi.
- 20. Re-squeeze perfs with 75 sacks regular with 15 flac on 1/23/62. Standing squeeze pressure 900 pal.
- Re-squeeze perfs with packer at 3587' on 14/214/62 with 75 sacks regular with 1% flac. Standing squeeze pressure 700 psi. Let coment set six hours and re-squeeze with 75 sacks ownent with 1% flac and 2% salt. 22.

Pressure test cement job on 1/25/62. Pump in fm. at 1500 psi.

Squeeze with packer at 3587' using 100 sacks regular with 2% calcium chloride on 14/25/62. Drill out cement and pump in fm. at 2200 pai.

Set packer at 3587' and squeeze with 50 wacks regular with 1% floc maximum squeeze pressure 3000 pai. Squeeze complete at 11:00 a.m. 1/26/62.

25. Drilled out cement and pressure test perfs. to 2000 psi for 30 minutes on W/27/62. Pressure held.