

OIL CONSERVATION DIVISION

P. O. BOX 2088

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SANTA FE, NEW MEXICO 87501

Form C-103
Revised 12-1-73

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SEP 28 1981

O. C. D.

ARIZONA OFFICE

5a. Indicate Type of Lease
State ☐ Fee ☒

5. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)OIL WELL ☐ GAS WELL ☒ OTHER-

1. Name of Operator

Sanders Petroleum Corporation

2. Address of Operator

11000-D Spain Road NE, Albuquerque, NM 87111

3. Location of Well

UNIT LETTER D 660 FEET FROM THE North LINE AND 660 FEET FROMTHE West LINE, SECTION 15 TOWNSHIP 7S RANGE 26E NMPM.

7. Unit Agreement Name

8. Farm or Lease Name

Isler

9. Well No.

1

10. Field and Pool, or Wildcat

Wildcat

15. Elevation (Show whether DF, RT, GR, etc.)

3713 GL

12. County

Chaves

16.

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐PLUG AND ABANDON ☐REMEDIAL WORK ☐ALTERING CASING ☐TEMPORARILY ABANDON ☐COMMENCE DRILLING OPNS. ☐PLUG AND ABANDONMENT ☐PULL OR ALTER CASING ☐CHANGE PLANS ☐CASING TEST AND CEMENT JOBS ☐OTHER ☐OTHER ☐

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

The following detailed daily drilling reports are attached to document our recent fishing job and side-track operations. The hole was not deviated, but fish was side-tracked by drilling along side of cement stabilized drill pipe from 4500' to 4600', at which depth the 4½" casing was run. Open hole logs were not run. A cased-hole GR-CNL log was run prior to completion. The proximity of the side-tracked hole is evidenced by extremely high porosity readings below 4493'. Completion report will follow. A very successful cement job and completion was obtained.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED

TITLE Administrative AssistantDATE 9-24-81

APPROVED BY

TITLE SUPERVISOR, DISTRICT MDATE OCT 2 1981

CONDITIONS OF APPROVAL, IF ANY:

DAILY DRILLING REPORTS

OPERATOR	DRILLING CONTRACTOR	WELL NAME AND LOCATION
Sanders Petroleum	Van Curen Drilling	Isler #1 660' FNL & 660' FWL, Sec. 15, T7S, R26E, Chaves Co., NM Est. TD - 6600'

8-7-81 5348' Total Depth. Trip in to condition mud on top of fish. Developed hole in mud line, started out of hole, stuck 300' off bottom. Found free point at 3928', backed off, pulled drill pipe, leaving 1120' of DP and collars in hole. Will clean up hole, log, run casing.

8-8-81 5348' Total Depth. Conditioning mud to wash over stuck pipe. Ran drill pipe, collars and jars, latched on to fish, jarred, could not jar loose. Ran free point, found DP partially free to top of collars. Too much drag on DP to back off. Backed off of fish, leaving jars and one collar in hole. Ran bit to top of fish at 4038', circulating and conditioning mud. (Correction: Bit is 90' off bottom.)

8-9-81 5348' Total Depth. In hole with wash pipe, preparing to wash over. Conditioned mud 12-1/2 hours. Mud Weight - 10, Viscosity - 45, Water Loss - 10, pH - 9.5, Chlorides - 190,000.

8-10-81 5348' Total Depth. Trip out. Ran wash pipe, milled on top of collar laying against side of hole. Trip out, ran DP, screwed into collar, backed off DP and left 2 joints DP on top of collar for guide. Trip out. Ran wash pipe, washed over to 4282 in 6-1/4 hours. Mud Weight - 9.9, Viscosity - 42, Water Loss - 11, pH - 9, Chlorides - 190,000.

8-11-81 5348' Total Depth. Pulled wash pipe, ran DP, screwed into fish. Ran spud bar inside DP, stuck at 4750, pulled out of socket, ran overshot and jars, jars backed off leaving jars and overshot inside pipe. Ran free-point, backed off at 4406. Recovered 389' of fish (jars, 2 DC, drill pipe). Trip in, conditioned hole 7 hours. Cumulative mud cost \$36,461.00. Mud Weight - 9.9, Viscosity - 42, Water Loss - 11, pH - 9, Chlorides - 188,000.

8-12-81 5348' Total Depth. Pulled DP, ran wash pipe. Pipe torqued and clutch started slipping. Trip out to repair clutch and brake. Mud Weight - 9.9, Viscosity - 42, Water Loss - 11, pH - 9, Chlorides - 188,000.

8-13-81 5348' Total Depth. Running free-point. Washed over to 4577'. Trip out. Ran DP, screwed into fish. 4 hours trip with wash pipe, 6 hours repair rig, 7 hours washing over, 3 hours trip out, 4 hours trip in and screwing into fish. Mud Weight - 9.9, Viscosity - 45, Water Loss - 12, pH - 10, Chlorides - 160,000.

8-14-81 5348' Total Depth. Going in hole with wash pipe. Spudded on obstruction inside DP at 4425' for 9 hours, made 2'.

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Ran free-point, shows partially stuck 4300' - 4425'. Attempted to back off, backed off at kelly, dropped pipe 15'. Screwed back into kelly, backed off at 4316', leaving 1 jt. DP below 2 collars in hole. Mud Weight - 9.5, Viscosity - 41, Water Loss - 11.9, pH - 7, Oil - 2.5%, Chlorides - 160,000.

8-15-81 5348' Total Depth. Going in hole with Newsco tubing to wash out obstruction at 4425'. Laid down 75 joints bent DP. Ran wash pipe, washed 152' over fish, stopped. Trip out. Ran DP, screwed into top of fish at 4316'. 5 hours lay down DP, 2 hours circulate, 4 hours wash over fish, 10 hours trip, 1/2 hour screw in, 1/2 hour Newsco.

8-16-81 5348' Total Depth. Going in hole with Newsco tubing to wash cavings. Ran Newsco tubing to 4344', no progress. Pulled Newsco. Ran wire line with sucker rod for sinker bar, went past tight spot at 4344', hung up. Could not jar loose. Tripped DP jars twice, broke loose from fish, parted wire line, leaving 100' and wire line tools in hole. Trip out. Recovered wire line tools in DP. DP jars had parted in middle, leaving lower half of jars, bumper sub and crossover in hole. Ran overshot on DP, latched on to fish. Ran cleanout tool on wire line, encountered cavings inside DP at 4305', top of fish. 5 hours Newsco, 3 hours spud bar, 8 hours trip, 5-1/2 hours waiting on overshot, 1-1/2 hours fishing, 1 hour wire line. Mud Weight - 9.9, Viscosity - 42, Water Loss - 9, pH - 9.5, Chlorides - 175,000.

8-17-81 5348' Total Depth. Trip out with overshot. Newsco washed cavings out of top of fish. Ran spud bar to 4337'. Trip out with overshot, changed grapples, re-ran. Ran spud bar to 4428'. Ran free-point, found partial movement from top of fish to 4457'. Attempted to back-off at 4361', overshot released from fish. Ran new shot, stopped at 4348'. Ran spud bar, knocked out bridge. Ran shot, fired at 4392' with tension to jump pin, did not jump. Fired second shot at 4392' without success. Overshot will hold tension, but not torque. Released overshot, started out to replace grapple.

8-18-81 5348' Total Depth. Preparing to back-off. Trip out, recovered crossover, bumper sub, lower half of jars, overshot. Ran DP, screwed into drill collar. Ran spud bar to 4445'. Ran string shot, backed off at 4441', recovered 2 drill collars and 2 joints of drill pipe. Top of fish now 4441' (8 jts DP and 18 DC remain). Ran DP with crossover, bumper sub, jars. Screwed into fish. Ran spud bar, drove inside obstruction from 4445' to 4480'. 10 hours working with wire line and free-point, 10-3/4 hours trip, 1-1/2 hours fishing, 1-1/4 hours unload fish. Mud Weight - 9.7, Viscosity - 40, Water Loss - 9, pH - 8.9, Chlorides - 182,000.

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8-19-81 5348' Total Depth. Conditioning mud. Ran small shot on obstruction at 4480', ran spud bar, went to 4560'. Ran string-shot, backed off at 4534', trip out, recovered 3 joints of drill pipe. Ran DP and bit to 3000', conditioning mud.

8-20-81 5348' Total Depth. Making short trip to condition hole. Conditioned mud and hole, pulled bit. Ran 4 jts wash pipe, tagged bridge at 4439', washed to 4470', pipe torqueing heavily. Trip out. Ran DP and bit, washed soft bridge at 3770' - 3775'. Drilled bridge at 4439' - 4445' and 4455' - 4465'. Ran thru bridge areas 5 times to clean up. Circulated clean to top of fish at 4534'. Mud Weight - 9.7, Viscosity - 42, Water Loss - 8, Oil - 1.6%, pH - 7, Chlorides - 170,000.

8-21-81 5348' Total Depth. Conditioning hole to run wash pipe. Ran wash pipe, hit bridge at 4474' (60' above fish). Washed 30', torqueing heavily. Trip out with wash pipe. Ran bit, conditioned mud, drilled bridge above fish. Preparing to make short trip. Mud Weight - 9.9, Viscosity - 45, Water Loss - 8.4, pH - 7, Chlorides - 160,000. 6-1/2 hours conditioning mud, 4-1/2 hours washing with wash pipe, 13 hours trip with wash pipe and bit.

8-22-81 5348' Total Depth. Preparing to pull wash pipe. Finished conditioning hole - no drag. Trip out. Ran 4 jts. wash pipe, washed over fish to 4579'. Pipe torqueing, apparently because of top joint of fish being bent. Top of fish is 4502' (previous report was wireline meas.). Pulled above fish to circulate one hour, no drag above fish. Mud Weight - 9.9, Viscosity - 48, pH - 7, Water Loss - 9, Chlorides - 164,000, Oil - 2%. 5-3/4 hours trip, 5 hours condition mud, 13-1/4 hours wash over fish.

8-23-81 5348' Total Depth. Trip out with wash pipe, had lost shoe. Re-ran wash pipe to screw on to shoe, ran to 4579', attempted to screw on to shoe, pulled out, no recovery. Ran DP with side-vent tool on bottom for outside back-off. Unable to screw on to fish, went 16' down beside fish. Mud Weight - 9.7, Viscosity - 50, Water Loss - 8, pH - 7, Chlorides - 160,000. 1 hour condition mud, 4 hours waiting on orders, 19 hours trip.

8-24-81 5348' Total Depth. Pulling bit. Pulled tools, had iron marks on outside. Ran mill-tooth bit, jars, etc., strapping in. Tagged top of fish at 4502', went by, drilled 18' below top of fish, snagging DP. Pulled above fish, pipe had re-centered in hole, set down solid on top of fish at 4502'. Pulling out for manual back-off. Mud Weight - 9.8, Viscosity - 48, Water Loss - 10.2, pH - 7, Chlorides - 148,000. 2 hours screw into fish, 8

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hours trip, 8 hours waiting on orders, 2 hours laying wash pipe, 4 hours drilling by fish.

8-25-81 5348' Total Depth. Preparing to spot cement plug. Pulled bit, ran drill pipe and jars for manual back-off. Screwed into fish several times, pulled out each time. Box on fish is apparently damaged, would not hold more than 500 psi while pumping. Trip out. Re-ran drill pipe open-ended to attempt to wash by fish. Washed by 25' to 4527', could go no further. Not hanging up on top of fish. Waiting on Dowell to spot cement plug to stabilize fish and sidetrack same. Conditioning mud. Mud Weight - 9.7, Viscosity - 38, Water Loss - 18, pH - 8, Chlorides - 140,000. 1 hour cement, 6 hours circulate and condition mud, 17 hours circulating without cement.

8-26-81 5348' Total Depth. WOC. Spotted 50 sx. Class "H" cement with crushed sand, 4425' - 4525'. Trip out, ran mill-tooth bit, WOC and conditioning mud. Mud Weight - 9.6, Viscosity - 56, Water Loss - 16, pH - 8.

8-27-81 5348' Total Depth. Drilling with Bit #7. Bit Weight - 4,000 - 8,000, RPM - 70 - 80, SPM - 118, Pump Pressure - 1400. 9 hours circulate mud, 15 hours drilling by fish. Tagged cement at 4404', 4500' hit hard cement, tagged fish at 4514'. Drilling beside fish at approximately 8' per hour.