Form 3160-5

UNITED STATES

OMB No. 1004-0220
Expires: October 31, 202

(October 2024)	DEPARTMENT OF THE INTERIOR					Exp	pires: October 31, 2027	027	
		EAU OF LAND MAN				5. Lease Serial No. NN	1NM 0022636		
5	SUNDRY N	NOTICES AND REPO		6. If Indian, Allottee or Tribe Name					
		form for proposals				N/A			
abando	ned well.	Use Form 3160-3 (A	PD) for suc	h proposals	S.	IN/A			
	SUBMIT IN	TRIPLICATE - Other instr	uctions on page	e 2		7. If Unit of CA/Agreement, Name and/or No.			
1. Type of Well						Cato San Andres Uni			
✓ Oil Well	Gas V	_				8. Well Name and No.	Cato San Andres Unit #170		
2. Name of Operator She	ell Oil Compa	any (Western Division)				9. API Well No. 30-005	5-20133		
3a. Address P.O. Box 5	3b. Phone No.	(include area code)		10. Field and Pool or E					
			(832) 337-243	34		Cato; San Andres			
4. Location of Well (Foo	tage, Sec., T.,F	R.,M., or Survey Description,)			11. Country or Parish, State			
D-34-08S-30E 660	O FNL 660) FWL				Chaves County, Nev	w Mexico, USA		
	12. CHE	CK THE APPROPRIATE B	OX(ES) TO IND	DICATE NATURI	E OF NOT	TICE, REPORT OR OTHI	ER DATA		
TYPE OF SUBM	ISSION			TY	PE OF AC	CTION			
Notice of Intent		Acidize	Deep	en	Proc	duction (Start/Resume)	Water Shut-Off		
Notice of Intent		Alter Casing	Hydra Hydra	aulic Fracturing	Rec	lamation	Well Integrity		
Subsequent Repor	rt	Casing Repair	New	Construction	Rec	omplete	Other		
Subsequent Repor		Change Plans	✓ Plug a	and Abandon	Ten	nporarily Abandon			
Final Abandonme	nt Notice	Convert to Injection	Plug	Back	Wat	er Disposal			
the proposal is to dee the Bond under whic completion of the inv completed. Final Aba is ready for final insp	epen directions h the work wil volved operation andonment No pection.)	ally or recomplete horizontal Il be perfonned or provide thons. If the operation results i	ly, give subsurfa e Bond No. on fi n a multiple com all requirements	ce locations and r le with BLM/BIA pletion or recomp s, including reclar	neasured a . Required bletion in a	and true vertical depths of d subsequent reports must a new interval, a Form 310	k and approximate duration the fall pertinent markers and zone t be filed within 30 days follow 60-4 must be filed once testing to operator has detennined that the state of t	es. Attach ring has been	
		Accep	oted for Re		appro	oval by NMOCD	l		
14. I hereby certify that th	ne foregoing is	true and correct. Name (Pr	inted/Typed)		_	_			
Caranantha Dale	~ "		l	COMC	1	D Ma.			

Samantha Baker Title SGWS Legacy Program Manager Samantha Baker Date 04/17/2025 Signature THE SPACE FOR FEDERAL OR STATE OFICE USE Approved by Petroleum Engineer 04/21/2025

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

RFO Office

Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

SPECIFIC INSTRUCTIONS

Item 4 - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

Item 13: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. If the proposal will involve **hydraulic fracturing operations**, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

NOTICES

The privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c)and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

LANGAN

Technical Memorandum

300 Union Boulevard, Suite 405

Lakewood, CO 80228

T: 303.262.2000

F: 303.262.2001

To:

Bureau of Land Management (BLM)

From:

Langan Engineering and Environmental Services

Info:

Shell Oil Company (Western Division)

Date:

March 25, 2025

Re:

Plug and Abandonment – End of Well Report Cato San Andres Unit #170 / API 30-005-20133

Section 34, Township 8S, Range 30E

Langan Project No.: 781014301

Work Summary:

02/16/25 - Arrived on location for PJSM, discussed trapped pressure, H2S awareness, Hot Work, and JSA review. Inspected equipment and work areas, gas tested 9 5/8" casing with 4part meter at corroded bullplug showing O2 20.9%, H2S 0 ppm, LEL 0%, CO 13 ppm, 0 psi. Checked WHP 4 1/2" csg at 56 psi, bled pressure to atmosphere with readings of O2 20.9%, H2S 0 ppm, LEL 0%, CO 0 ppm. Rigged in pump truck to kill 4 1/2" casing, pressure tested pump line to 510 psi with good results. Pumped 20 bbls FW with 1.5 gal H2S Scavenger creating vacuum. Used funnel to pour water into 9 5/8" csg outlet to confirm flowpath, poured 16 oz with no returns, also confirmed with 4 part gas meter previously. Removed bullplug from opposite side of Braden Head, installed dual barrier ball valves with tap bullplug while continuing to monitor 4 1/2" csg with constant gas monitoring. Prepped Braden Head to weld a 2" coupling at csg outlet and completed welding. Confirmed 0 psi on 4 1/2" csg, removed 4 1/2" coupling with 4 1/2"x2" swage and ball valve, began constant FW trickle down 4 1/2" csg. Cut off 4 1/2" csg stump, prepped area to install Bell Nipple, welded 1/4" steel plates onto Braden Head, welded 4 1/2" Bell Nipple onto plates with 3 gussets for additional support. Allowed to cool while continuing to trickle FW down 4 1/2" csg. Installed new 4 1/2" coupling with 4 1/2"x2" swage and dual 2" Ball Valves with 2" tap bullplug onto Bell Nipple. Installed dual Ball Valves with tap bullplug into Braden Head at welded coupling. Secured well and location, SDFN.

Plug and Abandonment – End of Well Report Cato San Andres Unit #170 / API 30-005-20133 Section 34, Township 8S, Range 30E Langan Project No.: 781014301 March 25, 2025 - Page 2 of 7

02/23/25 - NPT due to TPW certification and HSE compliance, installed 3" standpipe onto derrick. Ended NPT, began rig move to well #170. Began spotting equipment, RU WOR, continued spotting equipment. Secured location, SDFN.

02/24/25 – Arrived on location, PJSM with JSA review. Offloaded 2.375" 8RD EUE workstring onto working racks/storage racks, tallied 106 jts. Inspected equipment, function tested power swivel, function tested BOP. NPT due to winds in the area, secured location, SDFN.

02/25/25 – Arrived on location, NPT due to TPW certification and HSE compliance, waited for cement pump truck to arrive onsite, PJSM with JSA review. Inspected equipment and work areas. RD WOR to confirm 1502 connections on Standpipe with Go-No Go ring, RU WOR. Continued to wait for pump truck. Pump truck arrived onsite, continued NPT to verify 1502 TPW. NU BOP on test stump, Pressure tested BOP Blinds and Pipe rams to 250 psi for 5 minutes and 800 psi for 5 minutes with good results. Pump truck returned to Drake yard to update TPW and certification, continued NPT to verify 1502 TPW.

02/26/25 – NPT due to TPW certification and HSE compliance.

02/27/25 – NPT to verify TPW certifications. Inspected Cement pump #313 for certifications. NPT to verify TPW certifications. Mobilized pump truck #313 to location.

02/28/25 – Crew travel. PJSM with discussion of Equipment Inspections, 7 Step, JSA review, overhead lifts and stop work authority. Discussed daily operations and safety goals for the day. Inspected equipment and work areas. Rigged up pump truck and verified certifications (all hoses out of date, after today). Pumped 20 bbls down 4.5" and monitored for 30 minutes. NU BOP, rigged up all pump and return lines and verified compliance. RU work floor and tubing equipment. Prepped to RIH with workstring and bit. Made up bored out 3-3/4" tri-cone bit and began RIH. In hole to depth of 3456' with no issues observed. POOH with bit and workstring. Out of hole, made up 3.65" bridge plug and RIH. Set plug at 3448'. POOH with workstring and setting tool. Shut well in and SDFN. Crew travel.

03/01/25 – Crew travel. PJSM with discussion of Equipment Inspections, 7 Step, JSA review, overhead lifts and stop work authority. Discussed daily operations and safety goals for the day.

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Inspected equipment and work areas. Checked pressures with 8-5/8" at 0 psi and 4.5" at 0 psi (plug holding). Made up 3.06" mule shoe, RIH with workstring to top of plug at 3448' KB. PT surface iron to 1500 psi. Broke circulation with 8.5 bbls, pumped total of 55 bbls to clean wellbore. Shut in 4.5" and pressure tested 4.5" casing to 500 psi. Got pressure to 500 psi and noticed leak on WH where welder was welding plate for reinforcement. Bled off to 0 psi. Waited on welder to repair leaking wellhead. Welder repaired wellhead. Attempted to pressure test 4.5" casing to 500 psi, took 8.5 bbls to fill hole again but would not test. POOH with 109 joints. Filled wellbore with fluid, RU wireline equipment, and pressure tested to 1500 psi. RIH to log 4.5" casing. Out of hole with logging tools (Est. TOC: 2525'). RD wireline. Shut well in and SDFN. Crew travel.

03/02/25 – Crew travel. PJSM with discussion of Equipment Inspections, 7 Step, JSA review, overhead lifts and stop work authority. Discussed daily operations and safety goals for the day. Inspected equipment and work areas. Checked pressures with 8-5/8" at 0 psi and 4.5" at 0 psi (plug holding). 40-50 mph winds hitting rig from the side, coming from west to east. After talking with rig crew and Shell management, decision made to shut down operations. Crew travel. NPT due to weather.

03/03/25 – Crew travel. PJSM with discussion of Equipment Inspections, 7 Step, JSA review, overhead lifts and stop work authority. Discussed daily operations and safety goals for the day. Inspected equipment and work areas. Checked pressures with 8-5/8" at 0 psi and 4.5" at 0 psi (plug holding). 40-50 mph winds hitting rig from the side, coming from west to east. Attempted to RIH with tubing but too windy. POOH and secured well. After talking with rig crew and Shell management, decision made to shut down operations again. Crew travel. NPT due to weather.

03/04/25 – OSR travel to location. NPT due to weather. Winds still too high. Discussed with Shell and Drake management. SDFN.

03/05/25 – Crew travel. PJSM with discussion of Equipment Inspections, 7 Step, JSA review, overhead lifts and stop work authority. Discussed daily operations and safety goals for the day. Inspected equipment and work areas. Checked pressures with 8-5/8" at 0 psi and 4.5" at 0 psi (plug holding). Made up 3.06" mule shoe, RIH above bridge plug at 3448' KB. EOT at 3448'. RU cementers and pressure tested to 1500 psi. Opened well and broke circulation with 11 bbls.

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Pumped cement plug #1: 10 bbls FW spacer + 31 sacks, 6.5 bbls type 1/2 cement with 1.18 yield at 15.6 ppg with 2% calcium chloride + 11.6 bbl displacement. POOH with tubing (Estimated plug: 3082' - 3448', 366' plug + 10%). POOH and WOC for 4 hours. RIH to tag TOC. Tagged TOC at 2983'. Broke circulation with 6.5 bbls. Attempted to pressure test 4.5" casing but no test achieved. Pumped into at 1bpm at 50 psi, pumped away 3 bbls total. Pumped cement plug #2, Stage 1: 10 bbls FW spacer + 28 sacks, 5.9 bbls type 1/2 cement with 1.18 yield at 15.6 ppg + 9.9 bbl displacement. POOH with tubing (Estimated plug: 2611' - 2983', 372' plug). Began POOH. Laid down 13 joints, stood back 80 joints. Out of hole. Secured well and SDFN to WOC. Crew travel.

03/06/25 – Crew travel. PJSM with discussion of Equipment Inspections, 7 Step, JSA review, overhead lifts and stop work authority. Discussed daily operations and safety goals for the day. Inspected equipment and work areas. Checked pressures with 8-5/8" at 0 psi and 4.5" at 0 psi (plug holding). Made up 3.06" mule shoe, RIH to tag TOC. Tagged TOC at 2512' (99' high). Pressure tested surface iron to 1500 psi. Broke circulation with 8 bbls. Pumped cement plug #2 stage #2: 10 bbls FW spacer + 28 sacks, 5.9 bbls type 1/2 cement with 1.18 yield at 15.6 ppg with 2% calcium chloride + 8 bbls displacement. POOH with tubing (Estimated plug: 2140' - 2512', 372' plug). POOH with workstring and WOC. High winds made it too windy to run tubing out of derrick. Shut well in and SDFN. Crew travel. NPT due to high winds.

03/07/25 – Crew travel. PJSM with discussion of Equipment Inspections, 7 Step, JSA review, overhead lifts and stop work authority. Discussed daily operations and safety goals for the day. Inspected equipment and work areas. Checked pressures with 8-5/8" at 0 psi and 4.5" at 0 psi. Made up 3.06" mule shoe, RIH to tag TOC. Tagged TOC at 2118' (22' high). Pressure tested surface iron to 1500 psi. Broke circulation with 16.5 bbls. Pumped cement plug #2 stage #3: 10 bbls FW spacer + 31 sacks, 6.64 bbls type 1/2 cement with 1.18 yield at 15.6 ppg with 2% calcium chloride + 6 bbls displacement. POOH with tubing (Estimated plug: 1700' - 2118', 418' plug). POOH with workstring and WOC. High winds made it too windy to run tubing out of derrick. Shut well in and SDFN. Crew travel. NPT due to high winds.

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03/08/25 – Crew travel. PJSM with discussion of Equipment Inspections, 7 Step, JSA review, overhead lifts and stop work authority. Discussed daily operations and safety goals for the day. Inspected equipment and work areas. Checked pressures with 8-5/8" at 0 psi and 4.5" at 0 psi. NPT due to WSI - attempted to get hydraulic torque pump to work. Began to NU WL flange and RU wireline equipment. NPT due to WSI - torque pump not working, waited on new pump from Hobbs. NPT due to WSI - wrong torque wrenches on location, waited for correct wrench. NPT due to WSI - the correct torque wrench would not work either. Owner of company scheduled to be on location at 7am tomorrow with proper operating tools. Plan to get torqued up and do what possible before 9am to fire up motors. Crew travel.

03/09/25 – Crew travel. PJSM with discussion of Equipment Inspections, 7 Step, JSA review, overhead lifts and stop work authority. Discussed daily operations and safety goals for the day. Nippled up WL flange with correct torque specs. Inspected equipment and work areas. Checked pressures with 8-5/8" at 0 psi and 4.5" at 0 psi. Continued RU WL with CCL and 3' perf gun at 3 fps. Pressure tested to 1500 psi. Tagged TOC at 1636' wlm. Pulled up hole and perforated 1615'-1618', 6 spf, 18 shots total. POOH and verified all shots fired. RD WL and made up 3.06" mule shoe, RIH to TOC. EOT at 1636'. Broke circulation with 8.5 bbls. Pumped cement plug #3: 10 bbls FW spacer + 48 sacks, 10.11 bbls type 1/2 cement with 1.18 yield at 15.6 ppg without calcium chloride + 3.87 bbls displacement. POOH with tubing (Estimated plug: 1000' - 1636', 636' plug). POOH with workstring. Shut well in and SDFN. Crew travel.

03/10/25 – Crew travel. PJSM with discussion of Equipment Inspections, 7 Step, JSA review, overhead lifts and stop work authority. Discussed daily operations and safety goals for the day. Inspected equipment and work areas. Checked pressures with 8-5/8" at 0 psi and 4.5" at 0 psi. Made up 3.06" mule shoe, RIH to tag TOC. Tagged TOC at 1620' KB. Perforations took all the cement. Discussed plan forward. Rigged up and pressure tested cementers to 1500 psi. Broke circulation with 8.5 bbls. Pumped cement plug #3 stage #2: 10 bbls FW spacer + 48 sacks, 10.11 bbls type 1/2 cement with 1.18 yield at 15.6 ppg without calcium chloride + 3.87 bbls displacement. POOH with tubing (Estimated plug: 1000' - 1620', 620' plug). POOH with workstring. Secured well and SDFN to WOC. Crew travel.

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03/11/25 - Crew travel. PJSM with discussion of Equipment Inspections, 7 Step, JSA review, overhead lifts and stop work authority. Discussed daily operations and safety goals for the day. Inspected equipment and work areas. Checked pressures with 8-5/8" at 0 psi and 4.5" at 0 psi. Made up 3.06" mule shoe, RIH to tag TOC. Tagged TOC at 1060'. Called for next step approval. Pressure tested cementers to 1500 psi. Broke circulation with 8.5 bbls. Pumped cement plug #4: 10 bbls FW spacer + 35 sacks, 7.3 bbls type 1/2 cement with 1.18 yield at 15.6 ppg and 2% calcium chloride + 2 bbls displacement. POOH with tubing (Estimated plug: 600' - 1060', 460' plug). POOH and laid down 34 joints. Out of hole and WOC. Made up 3.06" mule shoe and RIH to tag TOC. Tagged TOC at 891' KB with 28 joints. Pressure tested cement equipment to 1500 psi. Broke circulation with 4 bbls. Pumped cement plug #4 stage #2: 10 bbls FW spacer + 22 sacks, 4.62 bbls type 1/2 cement with 1.18 yield at 15.6 ppg without calcium chloride + 2 bbls displacement. POOH with tubing (Estimated plug: 600' - 891', 291' plug). Began to pull out of hole with 28 joints. With 6 joints out (22 joints in hole) at depth 700' (100' still in cement), the rig air brake locked up and became inoperable. NPT due to Drake - repair rig brakes. Circulated cement to surface and cleaned wellbore with 18 bbls. Continued POOH with 22 joints of tubing. Out of hole. Secured well and SDFN. Mechanic on location to install new air brake canister. Crew travel.

03/12/25 – Crew travel. PJSM with discussion of Equipment Inspections, 7 Step, JSA review, overhead lifts and stop work authority. Discussed daily operations and safety goals for the day. Inspected equipment and work areas. Checked pressures with 8-5/8" at 0 psi and 4.5" at 0 psi. Made up 3.06" mule shoe, RIH to tag TOC. Tagged TOC at 730'. Called for next step approval. Broke circulation. POOH with 23 joints. RU WL and pressure tested to 1500 psi. RIH with 3' gun 6 spf, 18 shots total. Perforated 4.5" casing at 515'-518'. WL POOH. Pumped down 4.5" and up 9-5/8". Broke circulation with 27.5 bbls. RD WL. RIH with workstring to 730'. RU cementers and pressure tested to 1500 psi. Pumped Plug 5 (surface plug): 10 bbls FW spacer + 237 sacks, 49.8 bbls type 1/2 cement with 1.18 yield at 15.6 ppg down tubing and up the 9-5/8" to surface. Pumped 36 sacks, 7.6 bbls down tubing and up 4.5" to surface. POOH with tubing. Topped off 4.5" casing. Total sacks pumped: 273. Total bbls: 57.4. Cleaned up equipment and washed up. RD tubing equipment and floor. Too windy to rig down. Secured location and cleaned up trash. SDFN. Crew travel.

Plug and Abandonment – End of Well Report Cato San Andres Unit #170 / API 30-005-20133 Section 34, Township 8S, Range 30E Langan Project No.: 781014301 March 25, 2025 - Page 7 of 7

03/20/25 – Arrived at CSAU #170 and held a safety meeting with Langan and on-site personnel. Completed a spiral gas check. Dug the cellar 3 feet down using the backhoe. Cement was 11 feet low in the 4.5" casing and 9 feet low in the 8.6" casing. Rigged up cementing services and topped off both strings with 7 sacks. Installed the P&A marker per all local regulations and backfilled the location.

Released to Imaging: 4/23/2025 9:06:56 AM

Cato San Andres Unit 170 D-34-8S-30E

PBTD:

Prod Csg Shoe:

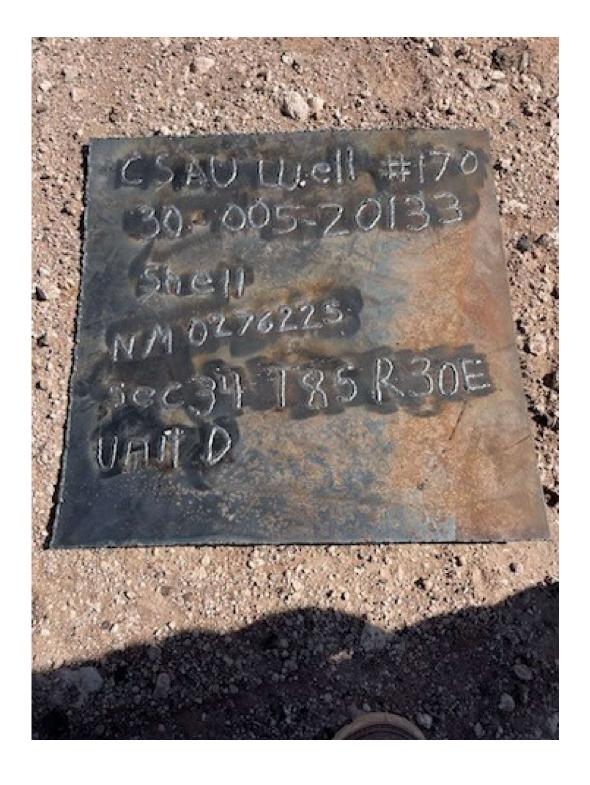
3662 ft

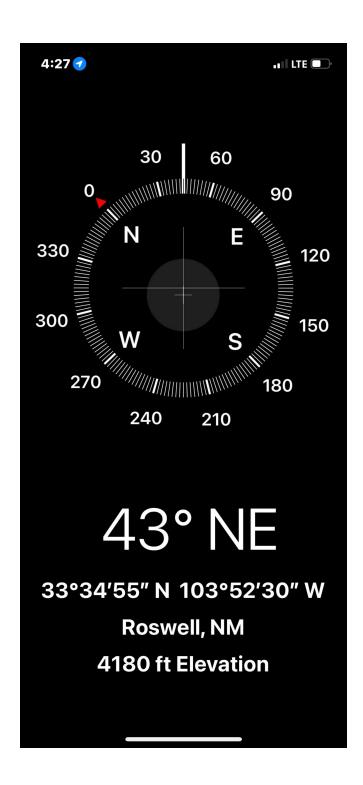
3698 ft

Plug & Abandonment Program

Chaves County, NM Revision: NEW MEXICO - CSAU 170 - P&A SCHEMATIC Location (Unit-Sec-Twp-Range): D-34-8S-30E API: 30-005-20133 33.6035156 Surface Hole Latitude: Surface Hole Longitude: -103.875 GL (ft): 0 **Bottom Hole Location:** Vertical Well KB (ft): 10 Surface Casing Information Est Surface Csg TOC: Surface UDSW: 140 ft Size (in): 9.625 Weight (lb/ft): 53.5 Plug #5 - Perf & Squeeze: Grade: NA Hole Size (in): 12.25 ft Setting Depth: 468 Red Beds - Top: ft cf) Surface Csq Shoe: 468 ft **Production Casing Information** Perf Depth: From: 518 ft - 515 ft Size (in) End of tubing: 730 ft Weight (lb/ft): 10.5 Plug 4 Stage 2: 291 ft Planned Grade: N/A TOC @ 730 ft From 891ft - 600 ft Hole Size (in): 7.875 22sks(26 ft3) Actual TOC: 730 ft. Setting Depth: 3698 Plug 4: 460 ft Planned Formation Depth Information From 1060 ft - 600 ft Formation MD (ft) 35 sks(41 ft3) Actual TOC: 891 ft. USDW 140 Red Beds - Top Red Beds - Base 1102 Red Beds - Base 1102 & Rustler - Top 1102 ft Rustler - Top Plug 3: Stage 2 620 ft Planned Rustler - Base 0 Rustler - Base: 0 ft From 1620 ft - 1000 ft Yates - Top 1610 2240 47 sks(56.9 ft3) Actual TOC: 1060 ft. Queen - Top Grayburg - Top 2342 Four Mile Draw - Top 2792 San Andres Marker - Top 3332 Plug 3: 636 ft Planned Slaughter "A" Zone 3486 From 1636 ft - 1000 ft 48ft (56.9 ft3) Actual TOC: 1620 ft. Yates - Top: 1610 ft Perf Depth: 1618 -1615 ft (Yates/Salt) Not much gain from Plug 3 Plug #2 - Stage 3: 418 ft Planned From 2118 ft - 1700 ft 31 sks (36.5 ft3) Actual TOC: 1636 ft Plug #2 - Stage 2: 372 ft Planned 2240 ft From 2512 ft - 2140 ft Queen - Top: Grayburg - Top: 2342 ft 28 sks (33 ft3) Actual TOC: 2118 ft Est Production Csg TOC: 2530 ft (CBL) Plug #2 - Stage 1: 372 ft. Planned From 2983 ft to 2611 ft Four Mile Draw - Top: 2792 ft 28 sks(33.3 ft3) Actual TOC: 2512 ft Plug #1: 366 ft (Planned) Plug# San Andres Marker - Top: 3332 ft From: 3448 ft - 3082 31 sks(36 ft3) Actual TOC: 2983 ft CIBP: 3448 ft Slaughter "A" Zone: 3486 ft Top F 3500 ft Bottom Perf: 3547 ft







Sante Fe Main Office Phone: (505) 476-3441

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

CONDITIONS

Action 454370

CONDITIONS

Operator:	OGRID:
CANO PETRO OF NEW MEXICO, INC.	248802
801 Cherry Street	Action Number:
Fort Worth, TX 76102	454370
	Action Type:
	[C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date	
loren.diede	None	4/23/2025	