



U.S. Department of the Interior
BUREAU OF LAND MANAGEMENT

Sundry Print Report

03/30/2023

Well Name: SMYSLOV H	Well Location: T20N / R3W / SEC 21 / NENE / 35.95455 / -107.151	County or Parish/State: SANDOVAL / NM
Well Number: 1	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM124215	Unit or CA Name:	Unit or CA Number:
US Well Number: 300432110500S1	Well Status: Producing Oil Well	Operator: DUGAN PRODUCTION CORPORATION

Notice of Intent

Sundry ID: 2723155

Type of Submission: Notice of Intent

Type of Action: Plug and Abandonment

Date Sundry Submitted: 03/29/2023

Time Sundry Submitted: 07:57

Date proposed operation will begin: 04/17/2023

Procedure Description: Dugan Production plans to plug and abandon the well as per the following procedure: 1) TOOH & LD rods. TIH w/7" casing scraper to 3920'. TIH and set 7" CIBP @ 3894'. CBL on file w/NMOCD, run on 01/27/2011 shows cement to surface. Cement circulated on both stages during primary cement job. A copy of the CBL is included with this sundry. Load and circulate hole. Pressure test casing to 600 psi for 30 mins. RIH w/2-3/8" work string spot Plug I above BP @ 3894' to 3794' w/30 sks (34.5 cu ft) Class G cement (1.15 cu ft/sk, 15.8#/gal) to cover the Lower Gallup top w/50' excess added. Plug I, Lower Gallup (perfs), inside 7" casing, 30 sks, 34.5 cu ft, 3794'-3894'. 3) Spot Plug II inside 7" casing from 3451' to 3351' w/30 sks (34.5 cu ft) to cover the Gallup top w/50' excess added. Plug II, Upper Gallup, inside 7" casing, 30 sks, 34.5 cu ft, 3351'-3451'. 4) Spot Plug III inside 7" casing from 2960' to 2860' w/30 sks (34.5 cu ft) w/50' excess included to cover the Mancos top. Plug III, Mancos, inside 7" casing, 30 sks, 34.5 cu ft, 2860'-2960'. 5) Spot Plug IV inside 7" casing from 1698' to 1598' w/30 sks (34.5 cu ft) Class G cement to cover Mesaverde top w/50' excess added. Plug IV, Mesaverde, inside 7" casing, 30 sks, 34.5 cu ft, 1598'-1698'. 6) Spot Plug V inside 7" casing from 1380' to 1280' w/30 sks (34.5 cu ft) Class G cement to cover the Chacra top w/50' excess added. Plug V, Chacra, inside 7" casing, 30 sks, 34.5 cu ft, 1280'-1380'. 7) Spot Plug VI inside 7" casing from 674' to 574' w/30 sks (34.5 cu ft) Class G cement to cover the Pictured Cliffs top w/50' excess added. Plug VI, Pictured Cliffs, inside 7" casing, 30 sks, 34.5 cu ft, 574'-674'. 8) Spot Plug VII inside 7" casing from 430' to surface w/95 sks (109.3 cu ft) Class G cement to cover the Fruitland top & surface casing shoe, w/50' excess included. Plug VII, Fruitland-Surface, inside 7" casing, 95 sks, 109.3 cu ft, 0'-430'. 9) Cut wellhead. Tag & verify TOC at surface. Fill cement in case needed. 10). Install dry hole marker. Clean location.

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US Well Number: 300432110500S1	Well Status: Producing Oil Well	Operator: DUGAN PRODUCTION CORPORATION

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments**Procedure Description**

Smyslov_H_1_planned_PA_procedure_20230329074909.pdf

Smyslov_H_1_CBL_20230329074405.tif

Smyslov_H_1_PA_formation_tops_20230329074350.pdf

Smyslov_H_1_PA_planned_wellbore_schematic_20230329074340.pdf

Smyslov_H_1_PA_current_wellbore_schematic_20230329074325.pdf

Conditions of Approval**Additional**

20N03W21AKg_Smyslov_H_001_20230330140157.pdf

Authorized

General_Requirement_PxA_20230330145604.pdf

2723155_NOIA_H_1_3004321105_KR_03302023_20230330145554.pdf

Accepted for record – NMOCD

JRH

04/13/2023

Well Name: SMYSLOV H	Well Location: T20N / R3W / SEC 21 / NENE / 35.95455 / -107.151	County or Parish/State: SANDOVAL / NM
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Operator

I certify that the foregoing is true and correct. 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. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

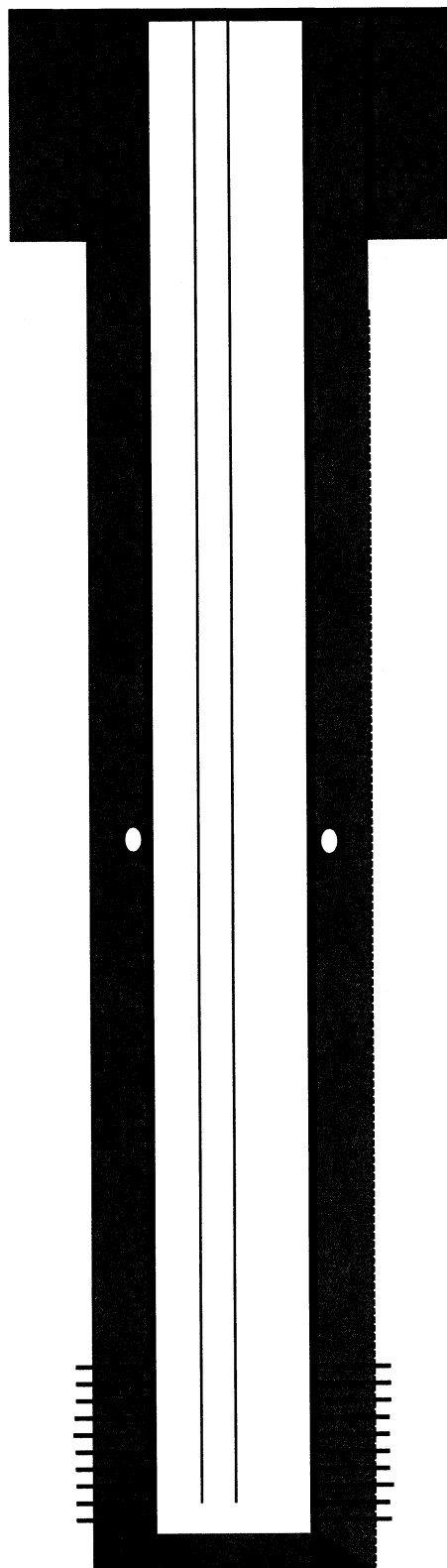
Operator Electronic Signature: TYRA FEIL**Signed on:** MAR 29, 2023 07:43 AM**Name:** DUGAN PRODUCTION CORPORATION**Title:** Authorized Representative**Street Address:** PO Box 420**City:** Farmington**State:** NM**Phone:** (505) 325-1821**Email address:** tyrafeil@duganproduction.com**Field****Representative Name:** ALIPH REENA**Street Address:** PO BOX 420**City:** FARMINGTON**State:** NM**Zip:** 87499-0420**Phone:** (505)325-1821**Email address:** Aliph.Reena@duganproduction.com**BLM Point of Contact****BLM POC Name:** KENNETH G RENNICK**BLM POC Title:** Petroleum Engineer**BLM POC Phone:** 5055647742**BLM POC Email Address:** krennick@blm.gov**Disposition:** Approved**Disposition Date:** 03/30/2023**Signature:** Kenneth Rennick

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- Spot Plug III inside 7" casing from 2960' to 2860' with 30 sks (34.5 cu ft) w/50' excess included to cover the Mancos top. Plug III, Mancos, inside 7" casing, 30 sks, 34.5 cu ft, 2860'-2960'.
- Spot Plug IV inside 7" casing from 1698' to 1598' w/30 sks (34.5 cu ft) Class G cement to cover Mesaverde top w/50' excess added. Plug IV, Mesaverde, inside 7" casing, 30 sks, 34.5 cu ft, 1598'-1698'.
- Spot Plug V inside 7" casing from 1380' to 1280' w/30 sks (34.5 cu ft) Class G cement to cover the Chacra top w/50' excess added. Plug V, Chacra, inside 7" casing, 30 sks, 34.5 cu ft, 1280'-1380'.
- Spot Plug VI inside 7" casing from 674' to 574' w/30 sks (34.5 cu ft) Class G cement to cover the Pictured Cliffs top w/50' excess added. Plug VI, Pictured Cliffs, inside 7" casing, 30 sks, 34.5 cu ft, 574'-674'.
- Spot Plug VII inside 7" casing from 430' to surface w/95 sks (109.3 cu ft) Class G cement to cover the Fruitland top & surface casing shoe, w/50' excess included. Plug VII, Fruitland-Surface, inside 7" casing, 95 sks, 109.3 cu ft, 0'-430'.
- Cut wellhead. Tag & verify TOC at surface. Fill cement in case needed.
- Install dry hole marker. Clean location.

Current Wellbore Schematic

Smyslov H # 1
API: 30-043-21105
A-Sec 21 T20N R3W
660' FNL & 660' FEL
Sandoval County, NM
Lat:35.9545479 Long:-107.151001



9-5/8" J-55 36# casing @ 267'. Cemented with 184 sks, 248 cf, Type III w/ 2% CaCl₂. Circulated 16 bbls cement to surface. Hole size: 13-1/2"

Cemented Stage I w / 150 sks premium lite followed by 100 sks Type III cement. Circulated 10 bbl cement to surface. DV tool @ 2573'. Cemented stage II w/ 285 sks premium lite followed by 100 sks Type III. Circulated 5 bbls cement to surface.

Gallup Perforated @ 3944'-4272'

7" 20# casing @ 4283'. PBSD @ 4278'

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Formation Tops

- Fruitland: 380
- Pictured Cliffs: 624
- Lewis: 710
- Chacra: 1330
- Cliff House: 1648
- Menefee: 2030
- Point Lookout: 2708
- Mancos: 2910
- Gallup: 3401

BLM FLUID MINERALS P&A Geologic Report

Date Completed: 3/30/2023

Well No. Smyslov H #001 (API# 30-043-21105)	Location	660	FNL	&	660	FEL
Lease No. NMNM124215	Sec. 21	T20N			R03W	
Operator Dugan Production Corporation	County	Sandoval		State	New Mexico	
Total Depth	PBTD	Formation Gallup (Mancos)				
Elevation (GL)	Elevation (KB)					

Geologic Formations	Est. Top	Est. Bottom	Log Top	Log Bottom	Remarks
San Jose					
Nacimiento			Surface		Surface/possible freshwater sands
Ojo Alamo Ss				380	Aquifer (possible freshwater)
Kirtland Shale			380		Possible gas
Fruitland				624	Coal/Gas/Water
Pictured Cliffs Ss			624	710	Possible Gas
Lewis Shale			710	1330	
Chacra (lower)			1330	1648	Possible Gas
Cliff House Ss			1648	2030	Water/possible gas
Menefee			2030	2708	Coal/Ss/Water/possible gas
Point Lookout Ss			2708	2910	
Mancos Shale			2910	3401	Probable O&G
Gallup			3401	PBTD	O&G
Greenhorn					
Graneros Shale					
Dakota Ss					
Morrison					

Remarks:
P & A

- Sundry ID: 2723155
- Confirm perforated Gallup interval prior to setting CIBP. Well records indicate top perf at 3804'.
- Gallup perfs 3804' – 3890' and 3944' – 4272'.

Reference Well:
1) **Formation Tops**
Same

Prepared by: Chris Wenman

**GENERAL REQUIREMENTS FOR
PERMANENT ABANDONMENT OF WELLS ON FEDERAL AND INDIAN LEASES
FARMINGTON FIELD OFFICE**

1.0 The approved plugging plans may contain variances from the following minimum general requirements.

1.1 Modification of the approved plugging procedure is allowed only with the prior approval of the Authorized Officer, Farmington Field Office.

1.2 Requirements may be added to address specific well conditions.

2.0 Materials used must be accurately measured. (densometer/scales)

3.0 A tank or lined pit must be used for containment of any fluids from the wellbore during plugging operations and all pits are to be fenced with woven wire. These pits will be fenced on three sides and once the rig leaves location, the fourth side will be fenced.

3.1 Pits are not to be used for disposal of any hydrocarbons. If hydrocarbons are present in the pit, the fluids must be removed prior to filling in.

4.0 All cement plugs are to be placed through a work string. Cement may be bull-headed down the casing with prior approval. Cement caps on top of bridge plugs or cement retainers may be placed by dump bailer.

4.1 The cement shall be as specified in the approved plugging plan.

4.2 All cement plugs placed inside casing shall have sufficient volume to fill a minimum of 100' of the casing, or annular void(s) between casings, plus an excess volume sufficient to provide for 50 linear feet of fill above the plug.

4.3 Surface plugs may be no less than 50' in length.

4.4 All cement plugs placed to fill annular void(s) between casing and the formation shall be of sufficient volume to fill a minimum of 100' of the annular space plus 100% excess, calculated using the bit size, or 100' of annular capacity, determined from a caliper log, plus an excess volume sufficient to provide for 50 linear feet of fill above the plug.

4.5 All cement plugs placed to fill an open hole shall be of sufficient volume to fill a minimum of 100' of hole, as calculated from a caliper log, plus an excess volume sufficient to provide for 50 linear feet of fill above the plug. In the absence of a caliper log, an excess of 100% shall be required.

4.6 A cement bond log or other accepted cement evaluation tool is required to be run if one had not been previously ran or cement did not circulate to surface during the original casing cementing job or subsequent cementing jobs.

5.0 All cement plugs spotted across, or above, any exposed zone(s), when; the wellbore is not full of fluid or the fluid level will not remain static, and in the case of lost circulation or partial returns during cement placement, shall be tested by tagging with the work string.

- 5.1 The top of any cement plug verified by tagging must be at or above the depth specified in the approved plan, without regard to any excess.
- 5.2 Testing will not be required for any cement plug that is mechanically contained by use of a bridge plug and/or cement retainer, if casing integrity has been established.
- 5.3 Any cement plug which is the only isolating medium, for a fresh water interval or a zone containing a prospectively valuable deposit of minerals, shall be tested by tagging.
- 5.4 If perforations are required below the surface casing shoe, a 30 minute minimum wait time will be required to determine if gas and/or water flows are present. If flow is present, the well will be shut-in for a minimum of one hour and the pressure recorded. Short or long term venting may be necessary to evacuate trapped gas. If only a water flow occurs with no associated gas, shut well in and record the pressures. Contact the Engineer as it may be necessary to change the cement weight and additives.

6.0 Before setting any cement plugs the hole needs to be rolled. All wells are to be controlled by means of a fluid that is to be of a weight and consistency necessary to stabilize the wellbore. This fluid shall be left in place as filler between all plugs.

- 6.1 Drilling mud may be used as the wellbore fluid in open hole plugging operations.
- 6.2 The wellbore fluid used in cased holes shall be of sufficient weight to balance known pore pressures in all exposed formations.

7.0 A blowout preventer and related equipment (BOPE) shall be installed and tested prior to working in a wellbore with any exposed zone(s); (1) that are over pressured, (2) where the pressures are unknown, or (3) known to contain H₂S.

8.0 Within 30 days after plugging work is completed, file a Sundry Notice, Subsequent Report of Abandonment (Form 3160-5), through the Automated Fluid Minerals Support System (AFMSS) with the Field Manager, Bureau of Land Management, 6251 College Blvd., Suite A, Farmington, NM 87402. The report should show the manner in which the plugging work was carried out, the extent, by depth(s), of cement plugs placed, and the size and location, by depth(s), of casing left in the well. Show date well was plugged.

9.0 All permanently abandoned wells are to be marked with a permanent monument as specified in 43 CFR 3162.6(d). Unless otherwise approved.

10.0 If this well is located in a Specially Designated Area (SDA), compliance with the appropriate seasonal closure requirements will be necessary.

All of the above are minimum requirements. Failure to comply with the above conditions of approval may result in an assessment for noncompliance and/or a Shut-in Order being issued pursuant to 43 CFR 3163.1. You are further advised that any instructions, orders or decisions issued by the Bureau of Land Management are subject to administrative review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4 and 43 CFR 4.700.

(March 2023 Revision)

**UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
FARMINGTON DISTRICT OFFICE
6251 COLLEGE BLVD.
FARMINGTON, NEW MEXICO 87402**

AFMSS 2 Sundry ID 2723155

Attachment to notice of Intention to Abandon

Well: SMYSLOV H 1

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."
2. The following modifications to your plugging program are to be made:
 - a. Confirm perforated Gallup interval prior to setting CIBP. Well records indicate top perf at 3804'.
3. Farmington Office is to be notified at least 24 hours before the plugging operations commence at (505) 564-7750.

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.

K. Rennick 03/20/2023

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

COMMENTS

Action 202491

COMMENTS

Operator: DUGAN PRODUCTION CORP PO Box 420 Farmington, NM 87499	OGRID: 6515
	Action Number: 202491
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

COMMENTS

Created By	Comment	Comment Date
john.harrison	Accepted for record - NMOCD JRH 4/13/23 BLM approved P&A 3/30/23	4/13/2023

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

CONDITIONS

Action 202491

CONDITIONS

Operator: DUGAN PRODUCTION CORP PO Box 420 Farmington, NM 87499	OGRID: 6515
	Action Number: 202491
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
john.harrison	None	4/13/2023