

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018**SUNDRY NOTICES AND REPORTS ON WELLS**
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*5. Lease Serial No.
NMNM112959

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 27. If Unit or CA/Agreement, Name and/or No.
NMNM128992X

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other: INJECTION8. Well Name and No.
PGA UNIT SWD 33 4

2. Name of Operator

DUGAN PRODUCTION CORPORATION

Contact: ALIPH REENA

Email: aliph.reena@duganproduction.com

9. API Well No.
30-045-35870-00-X1

3a. Address

709 E MURRAY DRIVE
FARMINGTON, NM 87499

3b. Phone No. (include area code)

Ph: 505.325.1821

10. Field and Pool or Exploratory Area
MORRISON

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 33 T24N R11W SESE 271FSL 184FEL
36.263756 N Lat, 107.999817 W Lon

11. County or Parish, State

SAN JUAN COUNTY, NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Drilling Operations
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

RU Aztec Drilling Rig #777. Drill with 8.5 ppg fresh water mud system. Spud well at 4:15 pm 8/24/18. Drilled 12-1/4" hole to 380' RKB at 7:30 pm. Circulate hole clean. Deviation survey at 380' at 0.2 degrees. RU San Juan Casing. Ran 8 joints 9-5/8", 36#, J-55 casing to 346' RKB. Centralizers installed on joints 7, 6, 5, 3, and 2. FC at 304'. Circulate hole clean. RU Halliburton Cement Services. Cemented w/200 sks, 236 cu ft (42 bbls), yield 1.18 cu ft/sk, 15.8#, 5.24 gal/sk Halliburton Halcem cement system (Class G cement) w/2% CaCl₂. Dropped plug at 1:25 am 8/25/18. Displaced w/23.5 bbls water. Circulated 12 bbls cement to surface. Plug on bottom at 1:35 am 8/25/18. Bumped plug w/500 psi. Float held ok. Casey Arnette w/BLM witnessed job. WOC 12 hrs.

Cut and welded wellhead. NU BOP. Ready to test at 3:30 pm. Test pipe rams, blind rams, choke manifold, kill valves, kill checks, TIW valve, Kelly cock valve, HCR valve, and annular (1500 psi)

NMOCD

NOV 26 2018

DISTRICT III

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #434369 verified by the BLM Well Information System
For DUGAN PRODUCTION CORPORATION, sent to the Farmington
Committed to AFMSS for processing by JACK SAVAGE on 11/09/2018 (19JWS0036SE)

Name (Printed/Typed) ALIPH REENA

Title AGENT, ENGINEERING SUPERVISOR

Signature (Electronic Submission)

Date 09/07/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USEApproved By **ACCEPTED**JACK SAVAGE
Title PETROLEUM ENGINEER

Date 11/09/2018

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.

Office Farmington

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)

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

NMOCD

Additional data for EC transaction #434369 that would not fit on the form

32. Additional remarks, continued

high, 250 low) to 3000 psi high for 10 mins, and 250 low for 5 mins. All tests passed. Pressure test casing to 800 psi and held good for 30 mins. Low pressure test to 250 psi for 15 mins and held ok. Accumulator function test passed. Bill Diers w/BLM witnessed tests. Tagged cement at FC @ 302'. Started drilling casing shoe w/8-3/4" bit @ 1:30 am 8/26/18.

1.0 Real-Time Job Summary

1.1 Job Event Log

Type	Seq. No.	Graph Label	Date	Time	Source	DH Density (ppg)	Comb Pump Rate (bbl/min)	PS Pump Press (psi)	Pump Stg Tot (bbl)	Comments
Event	1	Depart Yard Safety Meeting	8/24/2018	15:15:00	USER					ALL HES PRESENT
Event	2	Crew Leave Yard	8/24/2018	15:30:00	USER					CREW AND EQUIPMENT LEFT TO STAGE FOR JOB. 1 RED TIGER #11528220, 1 660 BULK TRUCK, 1 SERVICE PICKUP
Event	3	Call Out	8/24/2018	17:00:00	USER					REQUESTED ON LOCATION @ 20:30. CREW WAITING IN FIELD.
Event	4	Arrive At Loc	8/24/2018	18:30:00	USER					RIG DRILLING UPON HES ARRIVAL
Event	5	Assessment Of Location Safety Meeting	8/24/2018	19:00:00	USER					MET WITH COMP REP, WENT OVER NUMBERS AND JOB PROCEDURE. WALKED AROUND LOCATION AND COLLECTED WATER SAMPLE. COMP REP WAS OFFERED SDS FOR ALL CHEMICALS USED BY HES.
Event	6	Spot Equipment	8/24/2018	20:40:00	USER					1 RED TIGER #11528220, 1 660 BULK TRUCK, 1 SERVICE PICKUP
Event	7	Pre-Rig Up Safety Meeting	8/24/2018	21:00:00	USER					ALL HES PRESENT
Event	8	Pre-Job Safety Meeting	8/25/2018	00:30:00	USER					ALL HES AND RIG CREW PRESENT RIG CIRCULATED WITH RETURNS.

Event	9	Start Job	8/25/2018	00:57:20	USER					PRESSURIZED MUD SCALES WERE CALIBRATED TO DRINKING WATER PRIOR TO JOB. TD 380', TP 366', SJ 42', CSG 9 5/8" 36# J-55, OH 12 1/4", MUD 9.1 PPG
Event	10	Prime Lines	8/25/2018	00:57:52	COM5	8.33			2	PRIMED LINES WITH FRESH WATER VIA 6X5
Event	11	Test Lines	8/25/2018	01:02:29	COM5			2700		PRESSURE HELD
Event	12	Pump Spacer	8/25/2018	01:10:11	COM5	8.33	5.0	90	10	FRESH WATER
Event	13	Check Weight	8/25/2018	01:11:45	COM5					WEIGHT VERIFIED VIA PRESSUREIZED MUD SCALES
Event	14	Pump Lead Cement	8/25/2018	01:14:13	COM5	15.8	5.0	150	42	200 SKS HALCEM CMT 15.8 PPG, 1.18 FT3/SK, 5.24 GAL/SK.
Event	15	Shutdown	8/25/2018	01:22:47	USER					END OF CEMENT. WASHED UP INTO CELLUR
Event	16	Drop Top Plug	8/25/2018	01:28:58	COM5					DROPPED 3RD PARTY TOP PLUG VERIFIED BY FLAG INDICATOR
Event	17	Pump Displacement	8/25/2018	01:29:20	COM5	8.33	5.0	170	15	FRESH WATER
Event	18	Slow Rate	8/25/2018	01:32:48	USER	8.33	2.0	130	7	SLOWED TO BUMP PLUG
Event	19	Bump Plug	8/25/2018	01:36:39	COM5	8.33	2.0	150	22	PLUG BUMPED
Event	20	Check Floats	8/25/2018	01:39:18	USER			1150		FLOATS HELD 1 BBL FLOW BACK TO TRUCK
Event	21	End Job	8/25/2018	01:40:24	COM5					RETURNS THROUGHOUT JOB. USED 100 LBS SUGAR. 12 BBL CMT TO SURFACE.
Event	22	Post-Job Safety Meeting	8/25/2018	02:00:00	USER					ALL HES PRESENT

(Pre Rig-Down)

Event	23	Pre-Convoy Safety Meeting	8/25/2018	02:45:00	USER	ALL HES PRESENT
Event	24	Depart Location	8/25/2018	03:00:00	USER	THANK YOU FOR CHOOSING HALLIBURTON CEMENT, DUSTIN HYDE AND CREW

2.0 Attachments

2.1 CHART.png

