

Submit 1 Copy To Appropriate District Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 300-045-35773
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. V-8294-2
7. Lease Name or Unit Agreement Name Sunflower Unit
8. Well Number 1
9. OGRID Number 006515
10. Pool name or Wildcat Basin Fruitland Coal

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.)

1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other
2. Name of Operator Dugan Production Corp.
3. Address of Operator PO Box 420, Farmington, NM 87499-0420
4. Well Location Unit Letter <u>I</u> : <u>1654</u> feet from the <u>South</u> line and <u>850</u> feet from the <u>East</u> line Section <u>2</u> Township <u>24N</u> Range <u>13W</u> NMPM San Juan County
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6297' GR

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐
CLOSED-LOOP SYSTEM ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐
OTHER: TD, production casing ☒

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Drill to TD @ 1130' on 11/2/17. Run 5-1/2" 15.5# J-55 csg in 7-7/8" hole. Land @ 1114', float collar @ 1072'. Cement w/110 sks, 14.5 cu ft, Halliburton HalCem cement blend (12.4#/gal, 1.95 cu ft/sk, 10.07 gals/sk mix water) as lead cement followed by 100 sks (138 cu ft) Class G w/50-50 cement blend as tail (13.5#/gal, 1.38 cu ft/sk, 5.85 gals/sk mix water). Total cement volume 352.5 cu ft, 62.5 bbls. Displaced w/25.5 bbls water. Circulated 25 bbls cement to surface. D&D Rig #1 released on 11/3/17. Pressure test will be reported on completion sundry. ✓

OIL CONS. DIV DIST. 3

Spud Date:

10/27/17

Rig Release Date:

NOV 13 2017

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

SIGNATURE Kurt Fagrelus TITLE Vice-President, Land & Exploration DATE 11/7/17

Type or print name Kurt Fagrelus E-mail address: kfagrelus@duganproduction.com PHONE: 505-325-1821

For State Use Only

APPROVED BY: [Signature] TITLE DEPUTY OIL & GAS INSPECTOR DATE 11/20/13

Conditions of Approval (if any):

AV DISTRICT #3

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2.0 Real-Time Job Summary

2.1 Job Event Log

Type	Seq. No.	Activity	Graph Label	Date	Time	Source	PS Pump Press (psi)	PS Pump Rate (bbl/min)	DH Density (ppg)	Pump Stg Tot (bbl)	Comments
Event	1	Call Out	Call Out	11/2/2017	12:00:00	USER					REQUESTED ON LOCATION TIME 17:00
Event	2	Pre-Convoy Safety Meeting	Pre-Convoy Safety Meeting	11/2/2017	14:15:00	USER					WITH HES, JSA COMPLETED, 1 F-450, 1 RED TIGER CEMENTING UNIT, 1 660 BULK TRUCK
Event	3	Arrive At Loc	Arrive At Loc	11/2/2017	16:00:00	USER					RIG RUNNING CASING, UPON HES ARRIVAL
Event	4	Assessment Of Location Safety Meeting	Assessment Of Location Safety Meeting	11/2/2017	16:10:00	USER					WITH HES, JSA COMPLETED, SDS OFFERED FOR ALL HES MATERIALS
Event	5	Other	Water Test	11/2/2017	18:20:37	USER					WATER TEST: PH 7.1, TEMP 61 DEG F, CHLORO
Event	6	Other	Other	11/2/2017	18:30:00	USER					TD 1130 FT, TP 1114.06 FT, CSG 5.5 IN 15.5 LB/FT J-55, HOLE 7.875 IN, SHOE 42 FT, SURFACE SET AT 126 FT, 8.625 IN 24 LB/FT J-55
Event	7	Other	Other	11/2/2017	18:40:00	USER					RIG CIRCULATION: 160 BBL, 40 PSI, 4 BBL/MIN, PIPE WAS STATIC, RAT HOLE LENGTH 15 FT, MWT 8.5 LB/GAL WBM
Event	8	Pre-Rig Up Safety Meeting	Pre-Rig Up Safety Meeting	11/2/2017	19:10:00	USER					WITH HES, JSA COMPLETED
Event	9	Rig-Up Equipment	Rig-Up Equipment	11/2/2017	19:25:00	USER					1 LINE RAN TO THE FLOOR, 1 LINE RAN TO THE PIT, MANIFOLD ON THE GROUND, 1 5.5 IN. QUICK-LATCH PLUG CONTAINER

iCem[®] Service

(v. 4.2.393)

Created: Thursday, November 02, 2017

Event	10	Pre-Job Safety Meeting	Pre-Job Safety Meeting	11/2/2017	19:50:00	USER	72.00	0.00	8.28	13.2	WITH HES, DUGAN, AND D&D 1, ISA COMPLETED
Event	11	Start Job	Start Job	11/2/2017	20:07:57	COM4	72.00	0.00	8.27	0.0	
Event	12	Prime Pumps	Fill Lines	11/2/2017	20:15:56	USER	45.00	2.40	8.24	0.7	2 BBL FRESH WATER, RETURNS AT 1 BBL AWAY
Event	13	Test Lines	Test Lines	11/2/2017	20:19:23	USER	2526.00	0.00	8.34	2.1	LOW TEST AT 1900 PSI, HIGH TEST AT 2525 PSI, PRESSURE HOLDING
Event	14	Check Weight	Check weight	11/2/2017	20:25:08	COM4	2479.00	0.00	8.33	2.1	
Event	15	Pump Spacer	Pump Fresh Water Spacer	11/2/2017	20:26:24	USER	97.00	4.10	8.29	20.0	RETURNS AT 1 BBL AWAY
Event	16	Pump Lead Cement	Pump Lead Cement	11/2/2017	20:31:38	USER	124.00	4.10	12.57	38.2	MIXED AT 12.4 LB/GAL, 110 SKS, 1.95 FT3/SK, 10.07 GAL/SK, DENSITY VERIFIED USING PRESSURIZED MUD SCALES
Event	17	Pump Tail Cement	Pump Tail Cement	11/2/2017	20:42:04	USER	80.00	4.10	13.28	24.5	MIXED AT 13.5 LB/GAL, 100 SKS, 1.38 FT3/SK, 5.85 GAL/SK, DENSITY VERIFIED USING PRESSURIZED MUD SCALES
Event	18	Shutdown	Shutdown	11/2/2017	20:49:49	USER	108.00	4.10	13.69	24.5	
Event	19	Clean Lines	Clean Lines	11/2/2017	20:50:41	USER	17.00	4.10	13.79	7.0	WASHED PUMPS AND LINES TO THE RESERVE PIT
Event	20	Drop Top Plug	Drop Top Plug	11/2/2017	20:52:25	USER	2.00	0.00	8.09	0.0	PLUG LAUNCHED
Event	21	Pump Displacement	Pump Displacement	11/2/2017	20:53:38	USER	42.00	4.00	7.99	0.9	FRESH WATER
Event	22	Slow Rate	Slow Rate	11/2/2017	20:59:21	USER	330.00	2.00	8.34	20.0	
Event	23	Bump Plug	Bump Plug	11/2/2017	21:01:17	USER	363.00	2.00	8.33	25.5	PLUG BUMPED AT CALCULATED DISPLACEMENT
Event	24	Check Floats	Check Floats	11/2/2017	21:03:35	USER	990.00	0.00	8.34	25.5	FLOATS HOLDING, .5 BBL RETURNED TO THE TRUCK

Event	25	End Job	End Job	11/2/2017	21:04:25	COM4	13.00	0.00	8.34	27.0	GOOD CIRCUCLATION, RIG SUPPLIED TOP PLUG, RIG DID NOT USE SUGAR
Event	26	Pre-Rig Down Safety Meeting	Pre-Rig Down Safety Meeting	11/2/2017	21:10:00	USER	1.00	1.70	8.85	6.3	WITH HES, JSA COMPLETED
Event	27	Rig Down Lines	Rig Down Lines	11/2/2017	21:30:00	USER					
Event	28	Other	Other	11/2/2017	21:37:53	USER					SPACER 20 BBL FRESH WATER, LEAD CEMENT 38.2 BBL, TAIL CEMENT 24.5 BBL, FINAL DISPLACEMENT 25.5 BBL, TOP OF TAIL CEMENT 385.8 FT, 25 BBL CEMENT CIRCULATED TO SURFACE
Event	29	Pre-Convoy Safety Meeting	Pre-Convoy Safety Meeting	11/2/2017	21:50:00	USER					WITH HES, JSA COMPLETED
Event	30	Crew Leave Location	Crew Leave Location	11/2/2017	22:00:00	USER					THANKS FOR USING HALLIBURTON, JOHN KEANE AND CREW

3.0 Attachments

3.1 DUGAN - SUNFLOWER -1 - PRODUCTION-Custom Results.png

