District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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

For temporary pits, closed-loop systems, and below-grade tanks, submit to the appropriate NMOCD District Office.

For permanent pits and exceptions submit to the Santa Fe Environmental Bureau office and provide a copy to the appropriate NMOCD District Office.

District Office,
Pit, Closed-Loop System, Below-Grade Tank, or Proposed Alternative Method Permit or Closure Plan Application
Proposed Alternative Method Permit or Closure Plan Application Type of action: Permit of a pit, closed-loop system, below-grade tank, or proposed alternative method Closure of a pit, closed-loop system, below-grade tank, or proposed alternative method Modification to an existing permit Closure plan only submitted for an existing permitted or non-permitted pit, closed-loop system, below-grade tank, or proposed alternative method
Instructions: Please submit one application (Form C-144) per individual pit, closed-loop system, below-grade tank or alternative request
Please be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinan
Upciawi. Dugan Production Corp. OGRID#: 006515
Address: 709 East Murray Drive, Farmington, New Mexico 87401
Facility or well name: Sanchez O'Brien #90-S
API Number: 30-045-35/46 OCD Permit Number:
API Number: 30-045-35/46 OCD Permit Number: U/L or Qtr/Qtr E Section 6 Township 24N Range 9W County: San Juan County
Center of Proposed Design: Latitude 36.34633 N Longitude 107.83498 W NAD: 1927 X 1983
Surface Owner: X Federal State Private Tribal Trust or Indian Allotment
2
Pit: Subsection F or G of 19.15.17.11 NMAC Temporary: Drilling Workover Permanent Emergency Cavitation P&A Lined Unlined Liner type: Thickness 20 mil LLDPE HDPE PVC Other
Temporary: X Drilling Workover
Permanent Emergency Cavitation P&A
Permanent Emergency Cavitation P&A Section P&A Section P&A Cavitation P
∑ String-Reinforced
Liner Seams: Welded X Factory Other Volume: 600 bbl Dimensions: L V6 OlwCONS. DIV DISE3
3. Closed-loop System: Subsection H of 19.15.17.11 NMAC Type of Operation: P&A Drilling a new well Workover or Drilling (Applies to activities which require prior approval of a permit or notice of
Closed-loop System: Subsection H of 19.15.17.11 NMAC
Type of Operation: P&A Drilling a new well Workover or Drilling (Applies to activities which require prior approval of a permit or notice of intent)
□ Drying Pad □ Above Ground Steel Tanks □ Haul-off Bins □ Other
Drying Pad Above Ground Steel Tanks Haul-off Bins Other Lined Unlined Liner type: Thickness mil LLDPE HDPE PVC Other
Liner Soume: Wolded Factors: Other
Below-grade tank: Subsection I of 19.15.17.11 NMAC
Volume:bbl_ Type of fluid:
and the second s
Tank Construction material: Secondary containment with leak detection Visible sidewalls. liner. 6-inch lift and automatic overflow shut-off Visible sidewalls and liner Visible sidewalls only Other
☐ Visible sidewalls and liner ☐ Visible sidewalls only ☐ Other
Liner type: Thicknessmil
5.
Alternative Method:
Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.

Fencing: Subsection D of 19.15.17.11 NMAC (Applies to permanent pits, temporary pits, and below-grade (anks)				
Chain link, six feet in height, two strands of barbed wire at top (Required if located within 1000 feet of a permanent residence, school	', hospital,			
institution or church				
Four foot height, four strands of barbed wire evenly spaced between one and four feet Alternate: Please specify 4' Hogwire				
Netting: Subsection E of 19.15.17.11 NMAC (Applies to permanent pits and permanent open top tanks)	,			
Screen Netting Other				
Monthly inspections (If netting or screening is not physically feasible)				
8.				
Signs: Subsection C of 19.15.17.11 NMAC				
12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers				
Signed in compliance with 19.15.3.103 NMAC				
9.				
Administrative Approvals and Exceptions: Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance.	1			
Please check a box if one or more of the following is requested, if not leave blank:				
🗵 Administrative approval(s): Requests must be submitted to the appropriate division district or the Santa Fe Environmental Bureau office for consideration of approval.				
Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.				
Siting Criteria (regarding permitting): 19.15.17.10 NMAC				
Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of acce	ptable source			
material are provided below. Requests regarding changes to certain siting criteria may require administrative approval from the appro office or may be considered an exception which must be submitted to the Santa Fe Environmental Bureau office for consideration of a	opriate district			
Applicant must attach justification for request. Please refer to 19.15.17.10 NMAC for guidance. Siting criteria does not apply to drying pads or				
above-grade tanks associated with a closed-loop system.				
Ground water is less than 50 feet below the bottom of the temporary pit, permanent pit, or below-grade tank. NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	Yes X No			
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse or lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	Yes X No			
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.	Yes X No			
(Applies to temporary, emergency, or cavitation pits and below-grade tanks) - Visual inspection (certification) of the proposed site: Acrial photo: Satellite image	□ NA			
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.	Yes No			
(Applies to permanent pits)	☑ NA			
- Visual inspection (certification) of the proposed site: Aerial photo: Satellite image Within 500 horizontal fact of a private, domestic facts private well or oping that less than five horizontal fact of a private domestic facts private than the fact of a private domestic facts private than the fact of a private domestic facts private than the fact of a private domestic facts private than the fact of a private domestic facts private than the fact of a private domestic facts private than the fact of a private domestic facts private than the fact of a private domestic facts private than the fact of a private domestic facts private than the fact of a private domestic facts private than the fact of a private domestic facts private than the fact of a private domestic fa	Yes X No			
Within 500 horizontal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application. - NM Office of the State Engineer - iWATERS database search: Visual inspection (certification) of the proposed site				
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance	Yes X No			
adopted pursuant to NMSA 1978. Section 3-27-3, as amended. - Written confirmation or verification from the municipality: Written approval obtained from the municipality				
Within 500 feet of a wetland.	Yes X No			
- US Fish and Wildlife Wetland Identification map: Topographic map: Visual inspection (certification) of the proposed site	L 162 M NO			
Within the area overlying a subsurface mine. - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	Yes X No			
Within an unstable area. Engineering measures incorporated into the design, NM Pursua of Coolean, R. Minarel D. Coolean, USCS, NM Cooleaning	☐ Yes ☑ No			
 Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map 				
Within a 100-year floodplain FEMA map	☐ Yes ☒ No			

(

Temporary Pits, Emergency Pits, and Below-grade Tanks Permit Application Attachment Checklist: Subsection B of 19.15.17.9 NMAC Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached. [] Hydrogeologic Report (Below-grade Tanks) - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC [] Hydrogeologic Data (Temporary and Emergency Pits) - based upon the requirements of Paragraph (2) of Subsection B of 19.15.17.9 NMAC [] Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC [] Design Plan - based upon the appropriate requirements of 19.15.17.12 NMAC [] Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC [] Closure Plan (Please complete Boxes 14 through 18. if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC [] Previously Approved Design (attach copy of design) API Number:
12.
Closed-loop Systems Permit Application Attachment Checklist: Subsection B of 19.15.17.9 NMAC Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.
Geologic and Hydrogeologic Data (only for on-site closure) - based upon the requirements of Paragraph (3) of Subsection B of 19.15.17.9 Siting Criteria Compliance Demonstrations (only for on-site closure) - based upon the appropriate requirements of 19.15.17.10 NMAC Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC
and 19.15.17.13 NMAC
Previously Approved Design (attach copy of design) API Number:
Previously Approved Operating and Maintenance Plan API Number:(Applies only to closed-loop system that use
above ground steel tanks or haul-off bins and propose to implement waste removal for closure)
Permanent Pits Permit Application Checklist: Subsection B of 19.15.17.9 NMAC Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached. Hydrogeologic Report - based upon the requirements of Paragraph (1) of Subsection B of 19.15.17.9 NMAC Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC Climatological Factors Assessment Certified Engineering Design Plans - based upon the appropriate requirements of 19.15.17.11 NMAC Dike Protection and Structural Integrity Design - based upon the appropriate requirements of 19.15.17.11 NMAC Liner Specifications and Compatibility Assessment - based upon the appropriate requirements of 19.15.17.11 NMAC Quality Control/Quality Assurance Construction and Installation Plan Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC Nuisance or Hazardous Odors. including H ₂ S, Prevention Plan Emergency Response Plan Oil Field Waste Stream Characterization Monitoring, and Inspection Plan Erosion Control
Proposed Closure: 19.15.17.13 NMAC Instructions: Please complete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan.
Type: Drilling Workover Emergency Cavitation P&A Permanent Pit Below-grade Tank Closed-loop System Alternative Proposed Closure Method: Waste Excavation and Removal Waste Removal (Closed-loop systems only) Con-site Closure Method (Only for temporary pits and closed-loop systems) In-place Burial On-site Trench Burial
Alternative Closure Method (Exceptions must be submitted to the Santa Fe Environmental Bureau for consideration)
Waste Excavation and Removal Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the closure plan. Please indicate, by a check mark in the box, that the documents are attached. Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings) Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC

Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only: (19.15.17.13) Instructions: Please indentify the facility or facilities for the disposal of liquids, drilling fluids and drill cuttings. Use attachment if facilities are required.	
Disposal Facility Name: Disposal Facility Permit Number:	
Disposal Facility Name: Disposal Facility Permit Number:	
Will any of the proposed closed-loop system operations and associated activities occur on or in areas that will not be used for future set \[\sum \text{Yes (If yes, please provide the information below)} \] No	vice and operations?
Required for impacted areas which will not be used for future service and operations: Soil Backfill and Cover Design Specifications based upon the appropriate requirements of Subsection H of 19.15.17.13 NMA Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC	C
Siting Criteria (regarding on-site closure methods only): 19.15.17.10 NMAC Instructions: Each siting criteria requires a demonstration of compliance in the closure plan. Recommendations of acceptable sou provided below. Requests regarding changes to certain siting criteria may require administrative approval from the appropriate disconsidered an exception which must be submitted to the Santa Fe Environmental Bureau office for consideration of approval. Just demonstrations of equivalency are required. Please refer to 19.15.17.10 NMAC for guidance.	trict office or may be
Ground water is less than 50 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search: USGS; Data obtained from nearby wells	☐ Yes ☐ No ☒ NA
Ground water is between 50 and 100 feet below the bottom of the buried waste - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	Yes No
Ground water is more than 100 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	∑ Yes □ No □ NA
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse or lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☒ No
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes 🗓 No
Within 500 horizontal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application. - NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site	☐ Yes 🖫 No
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended. - Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ Yes 🗓 No
Within 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map: Topographic map: Visual inspection (certification) of the proposed site	Yes 🕅 No
Within the area overlying a subsurface mine. - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	Yes X No
Within an unstable area. - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map	☐ Yes 🛛 No
Within a 100-year floodplain FEMA map	☐ Yes 🗵 No
18.	
On-Site Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the closure plan by a check mark in the box, that the documents are attached.	an. Please indicate,
☐ Proof of Surface Owner Notice - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of 19.15.17.11 NMAC	l
Sonstruction/Design Plan of Temporary Pit (for in-place burial of a drying pad) - based upon the appropriate requirements of 19.	15.17.11 NMAC
☑ Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC	
 ☑ Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC ☑ Waste Material Sampling Plan - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC 	
Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings or in case on-site closure standards cann	of be achieved)
Soil Cover Design - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC Respectation Plans based upon the appropriate requirements of Subsection L of 19.15.17.13 NMAC	
Re-vegetation Plan - based upon the appropriate requirements of Subsection Lof 19,15,17,13 NMAC Site Reclamation Plan - based upon the appropriate requirements of Subsection Cof 19,15,17,13 NMAC	

the system of the

Operator Application Certification: I hereby certify that the information submitted with this application is true, accurate and complete to the best of my know	ludge and belief
Name (Print): Kurt Fagrelius Title: Vice President,	
Signature: , lurt Fignation Date: August 24, 20	
e-mail address: kfagrelius@duganproduction.com Telephone: 505-325-1821(o), 505-320-8248 (H)
OCD Approval: Permit Application (including closure plan) Closure Plan (only) OCD Conditions (see attention)	achment)
OCD Representative Signature: Bal Sal Dan Approval Date	e: 7/9/10
Title: Eudin / Spec OCD Permit Number:	
21. Closure Report (required within 60 days of closure completion): Subsection K of 19.15.17.13 NMAC Instructions: Operators are required to obtain an approved closure plan prior to implementing any closure activities an The closure report is required to be submitted to the division within 60 days of the completion of the closure activities. It section of the form until an approved closure plan has been obtained and the closure activities have been completed. Closure Completion Date://	Please do not complete this
12.	7 4 4 7 4 5 7 5
Closure Method: ☐ Waste Excavation and Removal	al_(Closed-loop systems only)
Closure Report Regarding Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tank Instructions: Please indentify the facility or facilities for where the liquids, drilling fluids and drill cuttings were dispose two facilities were utilized. Disposal Facility Name: Disposal Facility Permit Number:	ed. Use attachment if more than
Disposal Facility Name: Disposal Facility Permit Number: Were the closed-loop system operations and associated activities performed on or in areas that <i>will not</i> be used for future so	·
Yes (If yes, please demonstrate compliance to the items below) \(\subseteq \text{No} \)	invice and operations.
Required for impacted areas which will not be used for future service and operations: Site Reclamation (Photo Documentation) Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique	
Closure Report Attachment Checklist: Instructions: Each of the following items must be attached to the closure report mark in the box, that the documents are attached. Proof of Closure Notice (surface owner and division) Proof of Deed Notice (required for on-site closure) Plot Plan (for on-site closures and temporary pits) Confirmation Sampling Analytical Results (if applicable) Waste Material Sampling Analytical Results (required for on-site closure) Disposal Facility Name and Permit Number Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique Site Reclamation (Photo Documentation) On-site Closure Location: Latitude 34.34627 /// Longitude 107.83508 W	
25. Operator Closure Certification:	
I hereby certify that the information and attachments submitted with this closure report is true, accurate and complete to the belief. I also certify that the closure complies with all applicable closure requirements and conditions specified in the approximately than the closure complies with all applicable closure requirements and conditions specified in the approximately conditions.	rved closure plan.
Name (Print): Kurt Fegrelin Title: Geolog15t Signature: Kurt Fegrelius Date: 12/1/261	
Kuthan 1/2	
e-mail address: Kfagrelius a dugan production con Telephone: 505-325-	>

Dugan Production Corp. Closure Report

Lease Name: Sanchez O'Brien #90S

API No.: 30-045-35146

In accordance with Rule 10.15.17.13 NMAC the following information describes the closure of the temporary pit referenced above. All proper documentation concerning closure activities is included with the C-144. The temporary pit for this location was an approved design under Rule 19.15.17. The closure plan for the temporary pit was submitted on 8-24-2009 and approved on 7-9-2010.

1. Comply with siting criteria for temporary pits established by the State of New Mexico, Energy Minerals and Natural Resources Department 19.15.17.10 NMAC.

See approved permit dated 7-9-2010.

2. Provide the NMOCD district office at least 72-hours notice but no greater than 1-week prior to any closure operations. Notice will include operator name, well name and number, API number, and location (unit letter, section, township and range).

See email notification dated 11-22-2010.

3. Provide the surface owner notice of the operator's proposal of an on-site closure method. Proof of notice will be attached to the permit application. Also, proof of closure notice will be provided by certified mail to surface owner after closure. Proof of notice will be attached to final closure report.

Federal surface, certified notification not applicable as per BLM/OCD MOU.

4. Remove all liquid from pit and reclaim, re-use or dispose of at an NMOCD approved facility. Upon completion of drilling operations, drilling mud will be vacuumed from pit and transported to the next reserve pit for re-use at another drilling location. After the remaining mud settles, the free water that shakes out and any free water left over from completion operations will be hauled to the Dugan Production operated Sanchez O'Brien #1 SWD located 1650 feet from the South line and 990 feet from the West line (Unit L) of Section 6, Township 24 North, Range 9 West NMPM, San Juan County, New Mexico. The disposal facility was permitted by the NMOCD with Administrative Order SWD-694.

Drilling rig was released 9-10-2010) and drilling mud was transferred to the Coaly #3 for re-use (9-11-2010). Remaining free water was transferred to Basin Disposal Inc. (see attached invoice #508803) and the Sanchez O'Brien SWD #1 salt water disposal well. Remaining water and wet mud was transferred by Polaris Services to IEI Industrial Ecosystems Inc. on 11/12/2010 (see attached invoices #7357 and 15513).

5. Remove all fluids from temporary pit within 30-days and close within 6-months following release of drilling rig.

Free water was removed within 30-days and temporary pit was closed (11-27-2010).

6. Air dry pit contents and stabilize or solidify to a load bearing capacity sufficient to support the temporary pit's final cover.

Pit contents were allowed to dry prior to temporary pit closure.

7. Collect a five point, composite sample of the pit contents to demonstrate that Benzene, BTEX, the GRO and DRO combined fraction, TPH. and chlorides (depth to groundwater from bottom of pit is greater than 100-feet), do not exceed the standards as specified in 19.15.17.9.B or the background concentration, whichever is greater.

A five point composite sample was taken of remaining cuttings in temporary pit and was tested

in accordance with Subsection B of 19.15.17.13 (B)(1)(b)(ii). Depth from bottom of pit to top of ground-water is greater than 100-feet. Sample results are attached.

Components	Test Method	Limit (mg/kg)	*Results (mg/kg)
Benzene	EPA SW-846 8021B or 8260B	0.2	<0.100
BTEX	EPA SW-846 8021B or 8260B	50	<0.300
TPH	EPA SW-846 418.1	2500	452
GRO/DRO	EPA SW-846 8015M	500	<10
Chlorides	EPA 300.1	1000 / 500	784

8. Other methods if the standards in 19.15.17.9.B can not be met will include: The pit contents may be mixed to a ratio not to exceed 3:1, un-contaminated soil or other material to pit contents. A second five point, composite sample of the contents after treatment or stabilization will be taken to demonstrate that the contents do not exceed the standards. If the second soil analyses do no satisfy the closure standards, the operator will close the temporary pit using the waste excavation and removal method.

Not applicable, testing standards of 19.15-17.9 were met.

9. Cut pit liner off at the mud line (solids level); remove liner and apron and transport to a NMOCD approved facility for disposal.

Pit liner was removed 11-27-2010 and disposed of at the Crouch Mesa Waste Management facility on 11-27-2010 (see attached invoice #1322299).

10. Stockpiled sub-surface soil will be used to backfill pit and re-contour well pad (to a final or intermediate cover that blends with the surrounding topography). A minimum of four-feet of compacted, non-waste containing, earthen material will be used as backfill.

Stockpiled sub-surface soil was used to backfill temporary pit and re-contour well pad. A minimum of four-feet of compacted, non-waste containing, earthen material was used to backfill pit.

11. Stockpiled surface soil will be used as a cover over the backfilled pit and disturbed areas of the well pad no longer needed for production operations. The soil cover will include either the background thickness of top soil or one foot of suitable material to establish vegetation at the site whichever is greater.

Stockpiled surface soil was used to cover backfilled temporary pit and disturbed areas of the well pad no longer needed for production operations. The soil cover included the greater of either the background thickness or one foot of suitable material necessary to establish vegetation. The location was re-contoured to approximate the original topography of the site and diversions were constructed to protect soil cover and minimize erosion.

12. The area will be re-seeded as per BLM guidelines. Re-seeding will be repeated until 70% of the native natural cover is achieved and maintained for two successive growing seasons. The first growing season after the pit is closed the disturbed area will be re-seeded. The seeding method will be to drill on contour whenever possible.

Re-seeding will be done according to BLM guidelines as specified by BLM/OCD memorandum of understanding.

13. The NMOCD will be notified once successful re-vegetation has been achieved.

Re-seeding will be done according to BLM guidelines as specified by BLM/OCD memorandum of understanding.

14. A steel marker will be set at the center of the on-site burial following onsite-pit closure (see application for administrative approval). The marker will be (24" X 24") and will have the operator name, lease name, well number, location (UL, Sec., Twp. and Rge.) and that it designates an "on-site burial location" lettering welded on the

top side with a 4" threaded collar welded to the bottom side. The marker will be set at ground level and attached to a 4" diameter pipe that is cemented in a hole three feet deep. When the well is abandoned, a steel riser that is 4" in diameter, extending 4' above the ground will be welded to the pipe anchored in cement below the surface. The riser will have lettering welded on side showing operator name, well number, location (UL, Sec., Twp., and Rge.) and that it designates an on-site burial location.

A flat steel marker (24" X 24") with the lettering "on-site burial location" was set at ground-level in the center of the burial site. The marker is welded to a 4" pipe that is cemented in a 3-foot deep hole and is shown in the attached photographs (administrative approval was received). When the well is P&A'd, the steel plate will be removed and a riser that is 4" in diameter, extending 4' above the ground will be welded to the pipe anchored in cement below the surface. The riser will have lettering welded on the side showing operator name, well number, location (UL, Sec., Twp., and Rge.) and that it designates an on-site burial location.

- 15. Closure Report will be submitted within 60-days of completion of temporary pit closure. Closure report will include the following: 1) Proof of Closure Notice.
 - 2) Proof of Deed Notice (if applicable).
 - 3) Plot Plan.
 - 4) Confirmation Sampling Analytical Results.
 - 5) Waste Material Sampling Analytical Results.
 - 6) Disposal Facility Name and Permit Number.
 - 7) Soil Backfilling and Cover Installation.
 - 8) Re-vegetation Application Rates and Seeding Technique.

All items listed above if applicable are attached and submitted on this date.

16. A deed notice identifying the exact location of the on-site burial will be filed with the County clerk in the county where the on-site burial occurs.

Federal surface, deed notice identifying exact location of on-site burial is not applicable according to BLM/OCD MOU.

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9-10	Whym Sm Whym Ss	17h 4'				Add I look with
,	Whym Sm	17h 4'		-	-	Pdl 1 Lord cut Restore & Count
9-10	Wayne Sm Wayne S	174 4' 21/2 4'			£	Poll 1 lost with Med Poll 1 lost with Rent Correy & Count To 3'
,	Whym Sm Whym Ss	174 4' 21/2 4'			<u></u>	Pdl 1 Lord cut Restore & Count
9-10	Wayne Sm Wayne S	174 4' 21/2 4'			<u>-</u>	Poll 1 lost with Med Poll 1 lost with Rent Correy & Count To 3'
9-10	Wayne Sm Wayne S	174 4' 21/2 4'				Poll 1 lost with Med Poll 1 lost with Rent Correy & Count To 3'
9-10	Wayne Sm Wayne S	174 4' 21/2 4'			<u>-</u>	Poll 1 lost with Med Poll 1 lost with Rent Correy & Count To 3'
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9-10	Wayne Sm Wayne S	174 4' mir 4' mir 4'				Poll 1 lost with Med Poll 1 lost with Rent Correy & Count To 3'

From: Kurt Fagrelius

Sent: Monday, November 22, 2010 11:12 AM

<u>.</u> 'Powell, Brandon, EMNRD'; 'Spencer, Bertha'; Evan Rowland (erowland@slo.state.nm.us); 'dave_mankiewicz@nm.blm.gov'; 'Mark_Kelly@nm.blm.gov'; 'lucas_vargo@blm.gov'; Kurt Fagrelius

Subject: Notice to Close Temporary Drilling Reserve Pits

Attachments: 72-Hr Notice to Close Temp Drlg Pits 11-26&27-2010.xls

November 22, 2010

Mr. Brandon Powell, Ms. Bertha Spencer, Mr. Evan Rowland, Mr. Dave Mankiewicz, Mr. Mark Kelly and Mr. Lucas Vargo

Dugan Production Corp. is hereby giving notice that Dugan will be closing the following drilling reserve pits (Temporary Pits)

- 1) Federal I Com #102S Private Surface
- Coaly #3 Navajo Tribal Trust Surface
- 3) Martinez Begay Com #1 Navajo Allotted Surface
- 4) Sixteen G's #90S Federal Surface
- Sixteen G's Com #91 Federal Surface
- 6) Sixteen G's Com #91S Federal Surface
- 7) Sanchez O'Brien #90S Federal Surface

Site specific and cuttings analysis information for each drilling reserve pit is included in the enclosed attachment

Depending on prevailing weather conditions; those highlighted in red (#'s 1 - 3) will be closed on Friday. November 26, 2010; and those highlighted in blue (#'s 4 - 7) will be closed on Saturday, November 27, 2010.

If you have any questions or require additional information, please contact me

Kurt Fagrelius Dugan Production Corp 709 East Murray Drive Farmington, New Mexico 87401 505-325-1821 (O), 505-320-8248 (C) kfagrelius@duganproduction.com

Dugan Production Corp. Permanent Pits to be Closed on November 8, 2010

Lease Name	Federal I Com #102S	Coalv #3	Martinez Begay Com #1
API Number	30-045-35013	30-045-35012	30-045-34983
Surface Owner - Notice Sent	Private	Navajo Tribal Trust Navajo Allotted	Navajo Allotted
Location - UL, Sec., Twp, Rge	I-12-29N-14W	P-28-27N-12W	P-34-24N-10W
Latitude	36.74038 N	36.54076 N	36.26631 N
Longitude	108.25630 W	108.11156 W	107.887816 W
Benzene (<0.2 mg/kg)	<0.050 mg/kg	<0.100 mg/kg	<0.100 mg/kg
Betex (<50 mg/kg)	0.201 mg/kg	<0.300 mg/kg	<0.300 mg/kg
TPH - Analytic Mthd-418.1 (<2500 mg/kg)	517 mg/kg	386 mg/kg	473 mg/kg
GRO + DRO - Analytic Mthd-8015 (<200 mg/kg)	15.6 mg/kg	35.9 mg/kg	<10 mg/kg
Chlorides (<1000 mg/kg)	448 mg/kg	544 mg/kg	752 mg/kg
Thresholds as per "Pit Rule" 19.15.17 NMAC are highlighted in red.			,

Dugan Production Corp. Permanent Pits to be Closed on November 8, 2010

Sixteen G's #90S 30-045-35143	Sixteen G's Com #91 30-045-35144	Sixteen G's Com #91 Sixteen G's Com #91S Sanchez O'Brie #90S 30-045-35144 30-045-35145 30-045-35146	Sanchez O'Brie #90S 30-045-35146
Federal	Federal	Federal	Federal
D-7-24N-9W	M-7-24N-9W	W6-N	E-6-24N-9W
36.33228 N	36.32419 N	36.32446 N	36.34627 N
107.83704 W	107.83658 W	<	107.83508 W
<0.050 mg/kg	0.061 mg/kg	<0.050 mg/kg	<0.100 mg/kg
<0.150 mg/kg	0.536 mg/kg	0.288 mg/kg	<0.300 mg/kg
80 mg/kg	32 mg/kg		452 mg/kg
<10 mg/kg	<10 mg/kg	<u>a</u>	<10 mg/kg
560 mg/kg	768 mg/kg		784 ma/ka

From:

System Administrator

To:

Kurt Fagrelius

Sent:

Monday, November 22, 2010 11:12 AM

Subject:

Delivered: Notice to Close Temporary Drilling Reserve Pits

Your message

To:

Powell, Brandon, EMNRD; Spencer, Bertha; Evan Rowland (erowland@slo.state.nm.us); dave_mankiewicz@nm.blm.gov;

Mark_Kelly@nm.blm.gov; lucas_vargo@blm.gov; Kurt Fagrelius

Subject:

Notice to Close Temporary Drilling Reserve Pits

Sent:

11/22/2010 11:12 AM

was delivered to the following recipient(s):

Kurt Fagrelius on 11/22/2010 11:12 AM

From:

Rowland, Evan [erowland@slo.state.nm.us]

To:

Kurt Fagrelius

Sent:

Subject:

Monday, November 22, 2010 1:33 PM Read: Notice to Close Temporary Drilling Reserve Pits

Your message

To:

erowland@slo.state.nm.us

Subject:

was read on 11/22/2010 1:33 PM.

From:

Sent:

Mark_Kelly@blm.gov Tuesday, November 23, 2010 6:09 AM Kurt Fagrelius

To:

Subject:

Notice to Close Temporary Drilling Reserve Pits

Return Receipt

Your

Notice to Close Temporary Drilling Reserve Pits

document:

was

Mark Kelly/FFO/NM/BLM/DOI

received

by:

at:

11/23/2010 06:09:15 AM

From:

Sent:

Lucas_Vargo@blm.gov Tuesday, November 23, 2010 9:29 AM

To:

Kurt Fagrelius

Subject:

Notice to Close Temporary Drilling Reserve Pits

Return Receipt

Your

Notice to Close Temporary Drilling Reserve Pits

document:

was

Lucas Vargo/FFO/NM/BLM/DOI

received

by:

at:

11/23/2010 09:29:19 AM

From:

postmaster@duganproduction.com

Sent:

Monday, November 22, 2010 11:13 AM

To:

Kurt Fagrelius

Subject:

Delivery Status Notification (Relay)

Attachments:

ATT20879.txt; Notice to Close Temporary Drilling Reserve Pits





ATT20879.txt (407

Notice to Close Temporary Dril...

This is an automatically generated Delivery Status Notification.

Your message has been successfully relayed to the following recipients, but the requested delivery status notifications may not be generated by the destination.

Brandon.Powell@state.nm.us

	5 Centrol con
	4 Sixteen Gs / Sixteen Gs/
1 tee, 65	3 2ANCheZ PARIEN 90 SIZESIS 90 S.
	2 mAKings MBAY 90
89 850 68° FROUTE 1	$\frac{1}{2} \left(\frac{C_0 A}{2} \right)^{3/2}$
VOLUME AM PM COST TOTAL	NO. TRUCK LOCATION(S)
##	WASTE DESCRIPTION: X Exempt Oliffeld Waste STATE: D'NM DCO DAZ DUT TREATMENT/DISPOSA
CODES: (Print Full Name)	ORDERED BY: HULL FASTELIAS
DRIVER: J KS find	HAULING CO. 550 WATER SERVICE
BILL TO: DUJAN	GENERATOR: DUGAN
DEL TKT#_6584	DATE 16-21-10
NO. 508803 NMOCD PERMIT: NM -001-0005 DRILLING MUD Oil Field Waste Document, Form C138 (505) 632-8936 INVOICE:	SPECIALIZING IN DISPOSAL OF PRODUCED WATER AND DRILLING MUD P.O. BOX 100 · AZTEC, NEW MEXICO 87410 · PHONE (505) 632-8936

FOCT 21 18:56AM

ing policy.

Approved

□ Denied

ATTENDANT SIGNATURE:

is RCRA Exempt. Oil field wastes generated from oil and gas exploration and production operations and not mixed with non-exempt waste, per OCD's mix-

ation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination that the above described waste

_ representitive or authorized agent for the above generator and hauler hereby certify that according to the Resource

TOTAL



, hydro-excavation & controlled recovery services

P.O. Box 1060 Aztec, NM 87410 (505) 334-5300 2211 FM 920 Weatherford, TX 70688 (817) 594-6770

"THE DIFFERENCE BETWEEN DARK & DAYLIGHT"

Job Date:/ /- 12 /O		Company	Name:	WAGAN / ROIN	C.TWN	
Operator: Joseph Abenta		Company	Rep: Lui	1 Fager	UIS	
Unit #:		Purchase (Order / Job	#:		
Mileage: (Start)		Location:	Cartiero	19 # 8 / 3a	18.2 Unior	1 :
(Finish)						
PRE-JOB HAZARD ANALYSIS		TAIL	GATE SAFET	Y MEETING		
Worksite Identified YES NO One Call Confirmed YES ANO Overhead Power Lines YES ANO Loaded Lines YES ANO		lysis Discussed With V Discussed: <u>ちゃくしい</u>	· frag.			_
Confined Space Entry Customer Present Hazardous Materials Onsite Excavation Permit Required Hot Work Permit Required YES NO YES NO YES NO YES NO YES NO			re Equipment Req	uired: (circle all that a	pply)	-
Contaminated Soil Onsite YES <no other:<="" th=""><th>-</th><th>The same of the sa</th><th>Face Shields endance (name ar</th><th>Safety Glasses Glove</th><th>s FRC's</th><th></th></no>	-	The same of the sa	Face Shields endance (name ar	Safety Glasses Glove	s FRC's	
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ITEMIZED CHARGES			HRS / OTY	RATE	TOTAL	P
Hydro-Excavation Unit *Unit rate includes Operator	and Assistant	AND THE STATE OF T		196 . Benedika a Malayara . Walandarak malayara	1 Can San Ser De L'Education and Constitution of the	PLEASE
Travel Rate (Portal to Portal)		,				-
Dump Charges (If Applicable)						PA
Travel Per Diem (If Applicable)						YE
Project Coordinator (If Requested) *Includes Picku	p					YFROM
Support Truck(If Requested)					1	
Support Personnel (If Requested)						
,500 Gallon Water Trailer	Agrica english of the			<u> </u>		INVOICE
Fuel Surcharge						
		. 4				73
By signing below, you agree that all hours are accurate and	that work was perf	ormed to the satisfacti	on of the custome	TAX TOTAL		FOLLOW
Operator Signature:	and here			(T)	L	_] >
Customer Signature: Twi Fr.			WORI	CTICKET# 73	57	-

Distribution: WHITE - Accounting CANARY - File Copy PINK - Customer Copy GOLDEN ROD - Book Copy



Industrial Ecosystems Inc.

P.O. Box 1202 Flora Vista, NM 87415 PH: (505) 632-1782 Fax: (505) 632-1876

TAX I.D. #94-3200034

Invoice Number: 15513

Invoice Date: Nov 18, 2010

Page:

PLEASE REMIT PAYMENT TO: Industrial Ecosystems, Inc.

PO Box 1202

Flora Vista, NM 87415

Sold To: DUGAN PRODUCTION CORP

709 E MURRAY DRIVE FARMINGTON, NM 87499-0420 Location: KURT FAGRELIUS

SANCHEZ O'BRIEN #90-S

Contact	Payment Terms	Due Date	Customer PO
KURT FAGRELIUS	Net 30 Days	12/18/10	

Quantity	Description	Unit Price	Extension
	DATE OF SERVICE: 11/12/10		
	IEI WO #14995	,	
	MATERIAL TRANSPORTED BY POLARIS, 502		
	DISPOSED OF DRILL MUD		
7.00 55.00	CHLORIDE TEST	15.00 17.50	15.00 962.50
:		`	:

FOR	BILLI	NG II	NQUIRIES	PLEASE	CALL
	(505)	632-1782		

ACCOUNTS ARE DUE NET 30 DAYS. PURCHASER AGREES TO PAY FINANCE CHARGES OF 1.5% PER MONTH (ANNUAL PERCENTAGE RATE OF 18%) OR A MINIMUM CHARGE OF .50 PER MONTH. ACCOUNTS THAT HAVE BEEN PLACED FOR COLLECTION WILL BE CHARGED A \$100.00 COLLECTION FEE IN ADDITION TO REASONABLE ATTORNEY FEES AND COLLECTION CHARGES.

Subtotal Sales Tax	977.50 61.70
Total Invoice Amount	1,039.20
TOTAL	1,039.20

TOTAL



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

November 21, 2010

KURT FAGRELIUS

DUGAN PRODUCTION

P. O. BOX 420

FARMINGTON, NM 87499

RE: PIT CLOSURES

Enclosed are the results of analyses for samples received by the laboratory on 11/16/10 10:00.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021

Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method SW-846 8260

Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method TX 1005

Total Petroleum Hydorcarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

Cardinal Laboratories is accredițated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2

Haloacetic Acids (HAA-5)

Method EPA 524.2

Total Trihalomethanes (TTHM)

Method EPA 524.4

Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

Celey D. Keine



Analytical Results For:

DUGAN PRODUCTION KURT FAGRELIUS P. O. BOX 420 FARMINGTON NM, 87499 Fax To: (505) 327-4043

Received:

11/16/2010

Reported: Project Name: 11/21/2010

Project Number:

PIT CLOSURES NONE GIVEN

Project Location:

NOT GIVEN

Sampling Date:

11/12/2010

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By: Hope S. Moreno

Sample ID: SANCHEZ O'BRIEN #90-S (H021305-01)

BTEX 8260B	mg/	kg	Analyze	d By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	< 0.100	0.100	11/19/2010	ND	4.59	115	4.00	5.41	
Toluene*	0.119	0.100	11/19/2010	0.114	4.70	118	4.00	5.75	
Ethylbenzene*	< 0.100	0.100	11/19/2010	ND	4.64	116	4.00	6.17	
Total Xylenes*	<0.300	0.300	11/19/2010	ND	13.8	115	12.0	6.36	
Surrogate: Dibromofluoromethane	97.2	% 80-120			•		· - · · ·		
Surrogate: Toluene-d8	101	% 80-120							
Surrogate: 4-Bromofluorobenzene	106	% 80-120							
Chloride, SM4500CI-B	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	784	16.0	11/18/2010	ND	432	108	400	0.00	
TPH 418.1	mg/	kg	Analyze	d By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TPH 418.1	452	100	11/17/2010	ND	1260	110	1140	0.478	
TPH 8015M	mg/	kg	Analyze	d By: AB			<u> </u>		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/18/2010	ND	163	81.3	200	3.90	
DRO >C10-C28	<10.0	10.0	11/18/2010	ND	158	79.2	200	3.14	
Total TPH C6-C28	<10.0	10.0	11/18/2010						
Surrogate: 1-Chlorooctane	103 5	70-130						* *** *	_
Surrogate: 1-Chlorooctadecane	107 9	% 70-130							

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: LightNoty and Damages. Cardanal's habity and cleam's exclusive remedy for any claim ansing, whether based in contract or tort, shall be limited to the amount paid by client for analysiss. All claims, including those for nephrence and any other cause while because while the properties of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by Client, its subsidianes, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

Chloride by SM4500CI-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remetly for any daim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whitstoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be lable for incidental or consequential damages, including, white including, whose the performance of the performance of the services hereunder by Cardinal, regardless of whether such claims is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratomes.

Celey D. Keine

Analytical Laboratories

CHAIN OF CUSTODY RECORD

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___of

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(X)	
8	

1) Ensure proper container packaging.

Address:

FAX Number:

Phone Number:

- 2) Ship samples promptly following collection.
- PO# 3) Designate Sample Reject Disposition.

Project Name:

Samplers Signature:

1 = Surface Wate 3 = Soil/Sedimer 6 =Waste, 7 =

	e, 5=0il	nd Water
Other (Specify)	nt, $4 = Rinsate$, $5 = Oil$	er, $2 = Ground Water$

Table 1. – Matrix Type	FOR GALTISE ONLY
face Water, 2 = Ground Water	GAL JOB#
Sediment, 4 = Rinsate, 5 = Oil	
ste, 7 = Other (Specify)	
Signature:	

•											H2351				
Relinquished by:	Relinquished by:	10.	9.	8.	7.	6.	5.	4.	s #50.5	2016rica	Ton Les	Sample ID		Address: 75 Suttle S	Lab Name: Green Anal
`\	team										11-12-10	Date	Collection	75 Suttle Street, Durango, CO 81303	Green Analytical Laboratories
	G.										Lactor	Time	tion	ço, CO 8130	tories
Date:	Date:											Collected by: (Init.) Matrix Type From Table 1	Miscellaneous)3	(970) 247-4220
	420											No. of Containers Sample Filtered ? Y/N	aneous		
Time:	Time:											Unpreserved (Ice Only) HNO3 HCL	Preservative(s)		FAX (970) 247-4227
Received by:	Réceived hoil		2									H2SO4 NAOH Other (Specify)			4227
The Contract of the Contract o	My Wax											Dolling Semple BTEX TPH 418.1 TPH 8015	<i>P</i> ;	<i>+</i>	Analyses Required
Date: Time: 1/6/00	Daty //2/// Times / 5											Comments			

*Sample Reject: [] Return [] Dispose [] Store (30 Days)

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Page 4 of 4

Who ar Mr. D. + John Carner To Dounty Road 3149 ruteta ina 0.410 165 (CDD) 164 (

JF 14 12 12 1 Turketh . 322290

THE OWN HAM SUBMIT SHOULD BE SEEN AND DESCRIPTION OF THE SUBMITTED THE SEED OF THE SUBMITTED SUB サンロットエデオー 大型担任 Perchan. Ticher Date 11 17/2010 thugans the distinctions 1 gla pre 1 . . . marial licasta Haulino lichett Checks Pilling # MARKADI C Falle State Waste . 70e ten EPA III Manirest Destinction Gend ρ_0 Profile 7.3 13 JETS (196)

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Commercial +

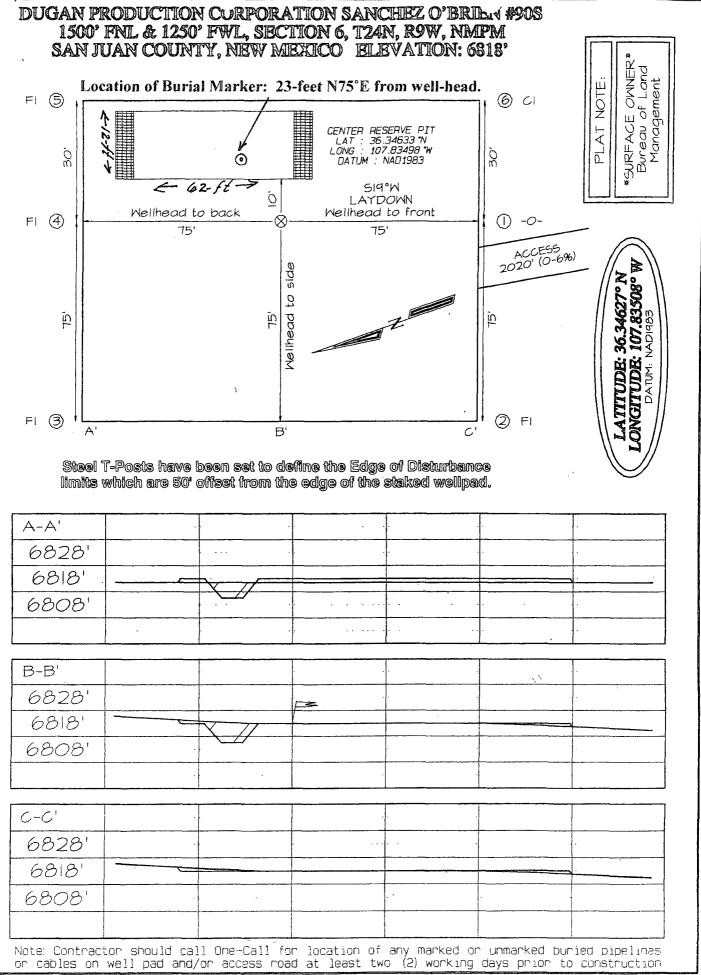
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	** ** . *		** *				
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Kinst Fayerlus

1 李月時 望。

Sanchez O'birra#905

Driver = Scanature



District I 1625 N. French Dr., Hobbs, NM 88240

District II 1301 W. Grand Avenue, Artesia, NM 88210

District III 1000 Rio Brazos Rd., Aztec, NM 87410

District IV 1220 S. St. Francis Dr., Santa Fe. NM 87505

State of New Mexico Energy, Minerals & Natural Resources Department

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

Form C-102 Revised October 12, 2005 Instructions on back Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

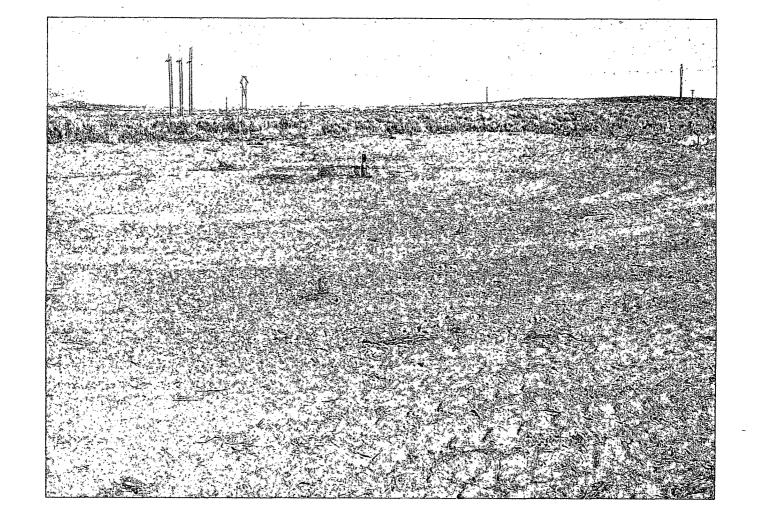
AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

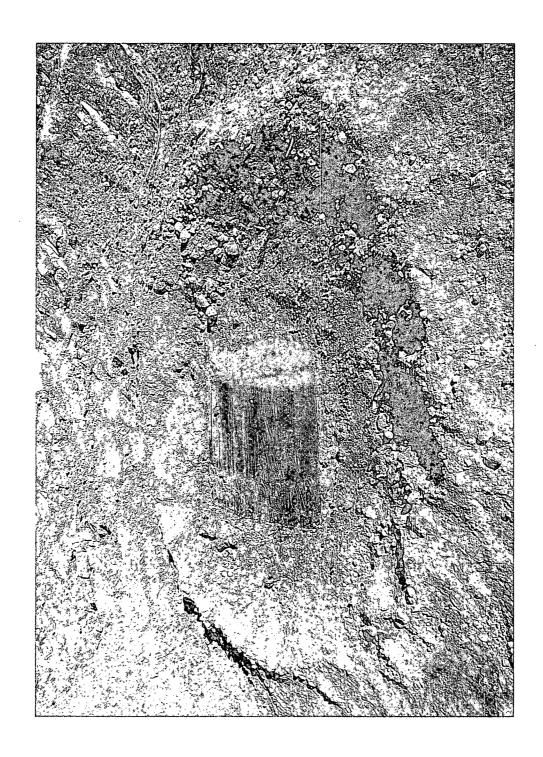
			MALTIT	LUCAI.	TOIN AIND A	CHLAGE DED	TOATION FL	_A I					
17	API Numbe	r			³Pool Name								
70 0112		7.1629 BASIN FRUITLAND CO											
	20·045·35146												
Property	Code		*Property Name										
Ì			SANCHEZ O'BRIEN 908										
'OGRID	No.				"Operator	Name			* E	levatıon			
00653	15			DUGAN			ΩN			6818 ·			
L		5 DUGAN PRODUCTION CORPORATION 6818:											
¹⁰ Surface Location													
UL or lot no.	Section	Township	Range	Lat Idn	Feet from the	North/South line	Feet from the	East/Wes	st line	County			
E	6	24N	9W		1500	NORTH	1250	WES	ST.	SAN JUAN			
		11 Bo	ottom	Hole L	ocation I	f Different	From Surf	ace					
UL or lot no.	Section	Township	~~ ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~					East/Wes	it line	County			
		1 1]						
12 Dedicated Acres	l	L			13 Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.		· · · · · · ·	l			
Dedicated Acres		.60 Acres	5 (W	/2)	Some of min	CONSULTABLIBRI CODE	Urber No.						
324.00 ACI C3 (11/ E)													
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED													
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION .													
¹⁶ 1250.	70.	1220) (OO '		264	0.00 '	17 OPER	ATOR (CERTI	FICATION			
1230.	′′	1320	0.00	 	204	1							
- c		1					herein is to	rue and co no belief	mplete to	the best of my			
1 4 7 7 7	- 六1	1 (* /	I hereby certify that the information contained herein is true and complete to the best of my COT OD either owns a working interest or unleased										

either owns a working interest or unleased mineral interest in the land including the proposed bottom-hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. 500 LOT LOT LOT LOT 341. 2 4 3 Center of Pit: 23-ft. N75°E LAT: 36.34627 N LONG: 107.83508 W 7-25-2009 Kurt 1250 Signature/ Date DATUM: NAD1983 32 Kurt Fagrelius LOT 1321. Printed Name 5 18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and congect to the best of my belief Date of Survey: JUNE 19, 2009 Signature and Seal of Professional Surveyor LOT C. EDWARDS JASON 6 MEXICO SEW. 58 2641.98 POPESSIONAL PROPERSIONAL PROPERTY. SAME YOR 2648. Dugan LOT NM-97108 SON 1332.541 1318.68 2638.02 Certificate Number

DUGAN PRODUCTION CORP.
|| SANCHEZ O'BRIEN # 905
|| NM-97108
| API # 30-045-35146
| 1500' FNL, 1250' FWL
| SWNW SEC. 06, T24N, R09W
| LAT. 36°20'47" LONG. 107°50'6"
| SAN JUAN COUNTY, NM
| FOR EMERGENCY CALL (505)325-1823







- Submit To Appropriate Copies District I	State of New Mexico Energy, Minerals and Natural Resources							Form C-105 July 17, 2008									
1625 N. French Dr District II	Zhoigy, withorais and valual resources							1. WELL API NO.									
1301 W. Grand Av District III	Oil Conservation Division							30-045-35146 2. Type of Lease									
1000 Rio Brazos R District IV	d., Aztec, l	NM 874	110	1220 South St. Francis Dr.							STATE FEE SED/INDIAN						
1220 S. St. Francis	Dr., Santa	Fe, NM	1 87505	Santa Fe, NM 87505							3. State Oil & Gas Lease No.						
		LET	ION OR	RECC	MPL	MPLETION REPORT AND LOG						(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)					
4. Reason for file	ing:			5. Lease Name or Unit Agreement Name Sanchez O'Brien													
COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only)											6. Well Number: 1314 1516 /7 7876						
C-144 CLOS	Sanchez O'Brien 6. Well Number: #905 #905																
7. Type of Comp	DIFFERE	NT RESER	OTHER 6 ALOUM					701 2									
8. Name of Opera	ator Du	qan	Produ	ctio:	ion Corp.					9. OGRID			06515 Wildeat Wilcons. DIV. DIST. 3			DIST. 3 A	
10. Address of Operator												\cdot					
						ington,	NM 87499-0420			20	i	rui	प्रैand		- CU /		
12.Location	Unit Ltr	5	Section	Towns		Range	Lot		Feet from	the	N/S Line	Feet	from the	E/W Li	i986	ZCounty	
Surface:	E	_	6	24		9₩						ļ					
13. Date Spudded	1 14 D	ate T F	D. Reached	1 15 1	Date Rig	Released	<u> </u>	16	Date Com	nleter	(Ready to Prod	luce)	11	7. Elevatio	ns (DF	and RKB	
				9-10-2010									R	T, GR, etc	.)		
18. Total Measur	ed Depth	of Wel	11	19. F	19. Plug Back Measured Depth				. Was Direc	I Survey Made? 21. 7			ype Electric and Other Logs Run				
22. Producing Interval(s), of this completion - Top, Bottom, Name																	
23. CASING RECORD (Report all strings set in well)																	
												CEMENTING RECORD AMOUNT PULLED					
														<u>=</u> _			
SIZE	TOP		BC	OTTOM	LIN	R RECORD SACKS CEMENT		SCREEN		SIZ		TUBING REC					
26. Perforation	record (i	nterval	, size, and m	imber)				27. 40	TOUS CIL	LD	ACTURE CE	MEN	T SOLI	EEZE E	rc .		
20. Crioration	record (1	inci vai	i, size, and in	iiiiioci j		DEPTH INTER					RACTURE, CEMENT, SQUEEZE, ETC AMOUNT AND KIND MATERIAL USE						
28.							PR	ODUC	TION								
Date First Produc	tion		Produ	ction Met	nod (Flo	wing, gas lift, pi				v)	Well Status	(Prod.	or Shut-	-in)			
		~							···								
Date of Test	Date of Test Hours Tested		d Ci	Choke Size		Prod'n For Test Period		Oil - Bbl Ga		s - MCF Wate		ter - Bbl.	- Bbl. Gas - Oil Ratio				
Flow Tubing	Casing Pressure		sure C	Calculated 24-		Oil - Bbl.		Gas - MCF		Water - Bbl.	1_	Oil Gra	rity - API - (Corr.)				
Press.				Iour Rate		Oli - Bol.		Gas - IVIC1		İ	Water Bot.		Oil Glavity - Art - (Cort.)			·'	
29. Disposition o	f Gas (So	ld, used	d for fuel, ve	nted, etc.)								30. To	est Witne	essed By			
31. List Attachments																	
32. If a temporary	y pit was	used at	the well, att	ach a plat	with the	e location of the	temp	orary pit.									
33. If an on-site b				•					3 N		1	107	834	QQ W	NIAT	1037 (1083)	
I hereby certij	fy that t	he inf	formation	shown c	n both	sides of this	fori	n is true	and comp	olete	to the best o	f my i	knowled	dge and	belief	<u>) 1927 (1983)</u>	
Signature //				_	I	Printed Kuri Name	† j	zg ro	lius Ti	tle					Date		
E-mail Addre	ss k£	ágr	elius@	duga	npro	oduction	1.C	om	VP	-E	xplorat:	ion		12-	1-2	010	