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Well Plugging Plan Operations Report

November 8, 2017



STATE OF NEW MEXICO OFFICE OF THE STATE ENGINEER ROSWELL

Tom Blaine, P.E.

State Engineer

DISTRICT II

1900 West Second St. Roswell, New Mexico 88201

Phone: (575) 622-6521 Fax: (575) 623-8559

November 8, 2017

Sundance Services c/o Clay Kilmer, P.G. Gordon Environmental/PSC 213 S. Camino del Pueblo Bernalillo, New Mexico 87004

RE:

Well Plugging Plan of Operations, 48 unpermitted piezometers, Sundance Services, Lea

County, New Mexico

Greetings:

Enclosed is your copy of the Well Plugging Plan of Operations for the above described project. The Plan describes abandonment of piezometers installed prior to 2005, thus do not have OSE well numbers.

The proposed method of operations for the subject wells or boreholes that are to be abandoned is found to be acceptable and in accordance with the Rules and Regulations Governing Well Driller Licensing; Construction, Repair and Plugging of Wells 19.27.4 NMAC adopted June 30, 2017 by the State Engineer subject to the following:

Plugging operations shall also be conducted in accordance with NMED, NMOCD, or other State or Federal agencies having oversight for the above described project.

Bentonite should be blended with water prior to adding Portland cement to water.

Sincerely,

Water Resources Manager I

District II Office of the State Engineer

cc Santa Fe



Ms. Catherine Goetz
Hydrogeologist
New Mexico Office of the State Engineer
Water Rights District II
1900 West Second Street
Roswell, NM 88201

213 S. Camino del Pueblo
Bernalillo, New Mexico 87004
505 867 6990
team-psc.com
October 26, 2017

RE: WELL PLUGGING PLAN OF OPERATIONS FOR ENVIRONMENTAL WELLS, LEA COUNTY

Dear Ms. Goetz:

Thank you very much for your time to discuss requirements for decommissioning shallow piezometers at the Sundance Services Inc. oilfield waste disposal site in southeastern Lea County. Per our discussion, I am transmitting a completed NMOSE form WD-08 and supporting materials to document our proposal for decommissioning 48 monitoring piezometers at the facility, which is being closed under a closure plan administered by the New Mexico Oil Conservation Division (NMOCD).

The Sundance Services facility began operations more than thirty years ago, prior to promulgation of regulations governing oil and gas exploration and production waste disposal facilities in New Mexico. Numerous groundwater piezometers are present on the property; however no logs or completion records are available for these wells. We completed a detailed site reconnaissance to locate and survey the well locations. The piezometers are variously completed with no surface construction and with small surface concrete pads. Based upon available piezometer data and our understanding of the shallow stratigraphy of the site, the piezometers are completed in basal alluvial sediments overlying laterally extensive Chinle Shale at depths ranging from near surface to approximately 90 feet below grade. **Table 1**, attached to this submittal includes a summary of the piezometers and their surveyed locations, as well as anticipated depths based upon site geology and fluid levels obtained from available site monitoring data (**Attachment 1**). A map showing the locations of the piezometers proposed for decommissioning is also attached (**Sheet1**).

Plan of Operations

Prior to performing any decommissioning action, each well will be sounded to determine the total depth and fluid level (if any). Well and fluid dimensions and calculated required grout volumes shown in Table 1 will be adjusted, as appropriate, based upon observed well geometries. Since no as-builts or completion details of the annular seals for the piezometers are available, we propose rigorous decommissioning measures for the wells. Two strategies are proposed; one for wells penetrating saturation and one for vadose zone wells completed in dry sediments, as depicted in **Sheet 2**, attached and described as follows:

Vadose Zone Piezometers

We propose to place grout, as described in attached Form WD-08 from the bottom of the well to land surface using a tremmie line inserted to the bottom of the well. We propose to excavate a 3ft x 3ft x 3ft hole centering on the well casing and exposing the well annulus. We would flood this excavation with grout to a depth of 1 foot below grade to fill any open annular space and to provide a surface seal to further prevent stormwater from entering any remaining open well annulus. The remaining 1 foot excavation would be backfilled with

Abilene Albuquerque Amariilo Austin El Paso Frisco Las Cruces Lubbock Midland team-psc.com

Ms. Catherine Goetz

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clean soil and leveled to grade. All remaining soil or other debris associated with the well decommissioning will be removed from the site.

Saturated Zone Piezometers

We propose to place grout, as described in attached Form WD-08 from the bottom of the well to the top of fluid level using a tremmie line inserted to the bottom of the well. The upper (dry) portion of the well will be overdrilled using hollow-stem augers to the depth of the fluid level. The overdrilled hole above fluid will be flooded with grout as described in attached Form WD-08, placed with a tremmie line from total depth of the drilled hole to 1 foot below grade. The remaining 1 foot excavation would be backfilled with clean soil and leveled to grade. All remaining soil or other debris associated with the well decommissioning will be removed from the site.

Piezometer Plugging Record

Upon completion of the piezometer decommissioning, we propose to prepare and file a Well Plugging Record in accordance with NMOSE Form WD-11. The form will be submitted with a table containing Form WD-11 information, including measured well geometries and fluid levels, calculated and actually used grout volumes for each of the 48 site piezometers.

I appreciate your effort to process this submittal. If you have any questions or comments, please do not hesitate to contact me. Thanks again for your effort on this.

Sincerely,

GORDON ENVIRONMENTAL/PSC

Clay Kilmer, P.G.

Senior Hydrogeologist

Attachments: Completed NMOSE Form WD-08; Well Plugging Plan

Table 1.—Summary of piezometers, locations and projected grouting requirements

Sheet 1.—SSI Monitoring Well Locations

Sheet 2.—SSI Proposed Piezometer Decommissioning Approach

Attachment 1.—Summary of Sundance Services piezometer monitoring data

cc: Charles Fiedler, Practice Leader, Gordon-PSC

NMOSE Form WD-08
Well Plugging Plan of Operations

Sundance Services, Lea County NM



WELL PLUGGING PLAN OF OPERATIONS



NOTE: A Well Plugging Plan of Operations shall be filed with and accepted by the Office of the State Engineer prior to plugging.

I. FILING FEE: There is no filing fee for this form.

II. GE	NERAL / WELL OWN	ERSHIP:								
Existin	g Office of the State En	gineer POD Number (Well N	umber) for	well to be plugg	ed: 48 unpermitted	piezome	ters		
	of well owner: Sundan									
	g address: 1001 6th Stre				·					
City: _	Eunice		State:		New Mexico	Zip code:	88231			
Phone 1	number: 505-235-4482 (Clay Kilmer, Agent)		E-mail: _			(C)			
								Cris Sil		
III. W	ELL DRILLER INFOR	RMATION:					(2004)	£		
Well D	riller contracted to provid	le plugging services: <u>J</u>	R Drillin	g	·		() ()	**************************************		
New M	exico Well Driller Licens	se No.: 1644			Expiration	Date:	*13	e de la companya de l		
							434.53B			
IV. W	ELL INFORMATION:						.53	S. C.		
Note: A	A copy of the existing Wo	ell Record for the well t	o be plu	igged shoul	d be attached to th	is plan.	W			
			-			g et w				
1)	GPS Well Location:	Latitude: Longitude:		deg,	min,	sec				
		Longitude:	(leg,		sec, WGS84 onds are decimal forma				
2)	Reason(s) for plugging	well:			Check if seco	mas are decimal forma				
_,		decommissioning 48 ur	npermit	ed shallow	piezometers. No	loas or completion de	etails are			
	available for these piezo	ometers. The piezomet	ers are	completed i	n shallow alluvium	atop Chinle Shale.				
					<u> </u>	÷				
3)	Was well used for any t	ype of monitoring prog	ram?	Yes In	f yes, please use s	section VII of this f	orm to d	letail		
	what hydrogeologic pa						poor qu	ıality		
	water, authorization fro	m the New Mexico Env	/ironme	nt Departme	ent may be require	ed prior to plugging.				
4)	Does the well tap brac	kish, saline, or otherwis	se poor	quality wat	er? Yes	If yes, provide add	itional d	etail,		
	including analytical results and/or laboratory report(s):									
	Site is regulated by NM	Oil Conservation Divisi	ion							
		-d/C-t				· · · · · · · · · · · · · · · · · · ·				
5)	Static water level:	adose/Sat feet below	land su	face / feet a	above land surface	c (circle one)				
6)	Depth of the well:A	ve 45 feet feet								

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			TETT!
		2	
		ä	FVIETS
7)	Inside diameter of innermost casing: inches.	41-47-5- 41-47-5-	
8)	Casing material: Sch 40 PVC	generally # 5	
9)	The well was constructed with:	J.J	C 16
	an open-hole production interval, state the open interval:		40
	a well screen or perforated pipe, state the screened interval(s): Unknown screens-annular ma	terial	_
10)	What annular interval surrounding the artesian casing of this well is cement-grouted? Unknown annula	ar material	_
11)	Was the well built with surface casing?NoIf yes, is the annulus surrounding the surface casi	ng grouted o	r
	otherwise sealed? Not Known If yes, please describe:		
	48 piezometers completed above Chinle Shale. Logs not available, depths undetermined.		
12)	Has all pumping equipment and associated piping been removed from the well?no pumpsIf no remaining equipment and intentions to remove prior to plugging in Section VII of this form.	ot, describe	_i
	ESCRIPTION OF PLANNED WELL PLUGGING: If this plan proposes to plug an artesian well in a way other than with cement grout, placed bottom to top	with a tremi	e
Note: pipe, a techni	ESCRIPTION OF PLANNED WELL PLUGGING: If this plan proposes to plug an artesian well in a way other than with cement grout, placed bottom to top a detailed diagram of the well showing proposed final plugged configuration shall be attached, as well as a cal information, such as geophysical logs, that are necessary to adequately describe the proposal. Describe the method by which cement grout shall be placed in the well, or describe requested plugging in the second content of the	any additiona	al
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Note: pipe, a techni 1) 2) VI. P Note: 1) 2) 3) 4)	If this plan proposes to plug an artesian well in a way other than with cement grout, placed bottom to top a detailed diagram of the well showing proposed final plugged configuration shall be attached, as well as a cal information, such as geophysical logs, that are necessary to adequately describe the proposal. Describe the method by which cement grout shall be placed in the well, or describe requested plugging proposed for the well: Neat portland cement grout with 2% bentonite mix will be placed from the bottom of each well with a tree flooding the well from TD back to surface. Grout to be mixed thin (5.5 gal/94-lb bag portland) to promote well screen and flooding gravel pack. Grout will be reapplied after settling to ensure casing is entirely flow. Will well head be cut-off below land surface after plugging? Yes LUGGING AND SEALING MATERIALS: The plugging of a well that taps poor quality water may require the use of a specialty cement or specialty. For plugging intervals that employ cement grout, complete and attach Table A. For plugging intervals that will employ approved non-cement based sealant(s), complete and attach Table Theoretical volume of grout required to plug the well to land surface: Ave 3.1 ft3 (23 gal) Type of Cement proposed: neat (aggregateless) portland cement	methodology mmie line, e flow throug ooded. sealant	al ,

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7) Grout additives requested, and percent 2% bentonite powder	•
2% bentonite powder	by dry weight relative to cement:
	C.3
Ì	e distribution of the control of the
8) Additional notes and calculations:	<u></u>
	; !
VII. ADDITIONAL INFORMATION: List a	additional information below, or on separate sheet(s):
saturation will be sealed in the saturated zone by upper (dry) portion of the casing and flooding the Wells completed in dry sediments will be flooded	e decommissioning strategies are proposed for each. Wells penetrating y placing grout from TD to the fluid level with a tremmie line, overdrilling the e upper overdrilled hole to 1 ft below grade with grout using a tremmie line from TD to land surface with grout using a tremmie line. A 3ftx3ftx3ft oded with grout to 1 ft below grade. All excess soil and casing debris will e leveled to existing grade.
VIII. SIGNATURE:	
YIII. SIGNATURE: Clay Kilmer, Gordon Environmental-PSC Operations and any attachments, which are a par Engineer pertaining to the plugging of wells and Plugging Plan of Operations and attachments are	
Clay Kilmer, Gordon Environmental-PSC Operations and any attachments, which are a par Engineer pertaining to the plugging of wells and	will comply with them, and that each and all of the statements in the We true to the best of my knowledge and belief.
Clay Kilmer, Gordon Environmental-PSC Operations and any attachments, which are a par Engineer pertaining to the plugging of wells and	will comply with them, and that each and all of the statements in the We true to the best of my knowledge and belief.

TABLE A - For plugging intervals that employ cement grout. Start with deepest interval.

	Interval 1 – deepest	Interval 2	Interval 3 – most shallow
			Note: if the well is non-artesian and breaches only one aquifer, use only this column.
Top of proposed interval of grout placement (ft bgl)	0		0
Bottom of proposed interval of grout placement (ft bgl)	45		45
Theoretical volume of grout required per interval (gallons)			11 gal for 45 ft 2-inch well calclated 1.5X required volume
Proposed cement grout mix gallons of water per 94-lb. sack of Portland cement			5.5 gallons per 94 lb for thin mix to promote flow through screen into gravel pack
Mixed on-site or batch- mixed and delivered?			On Site
Grout additive 1 requested			Bentonite powder
Additive 1 percent by dry weight relative to cement			2%
Grout additive 2 requested			3
Additive 2 percent by dry weight relative to cement			

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TABLE B - For plugging intervals that will employ approved non-cement based sealant(s). Start with deepest interval.

	Interval 1 – deepest	Interval 2	Interval 3 – most shallow			
			Note: if the well is non-artesian and breaches only one aquifer, use only this column.			
Top of proposed interval of sealant placement (ft bgl)						
Bottom of proposed sealant of grout placement (ft bgl)						
Theoretical volume of sealant required per interval (gallons)						
Proposed abandonment sealant (manufacturer and trade name)						
	<u> </u>		: <u>a</u>			

Well Plugging Plan Version: 06/30/2017 Page 5 of 5 TABLE 1. Summary of Piezometers, Locations, and Projected Grouting Requirements

Table 1.—Summary of piezometers, locations and projected grouting requirements
Sundance Services site, Lea County, New Mexico

Well	Latitude	Longitude	Land Surface Elevation (ft above MSL)	Projected Top of Chinle Elevation (ft above MSL)	Projected Depth to Top of Chinle (ft)	Assumed Total Depth (ft)	WL (ft)	Assumed Water Column (ft)	² Calculated Grout Volume Lower Hole (ft ³)	³ Calculated Grout Volume Upper Hole (ft ³)	Total Calculated Hole Grout Volume (ft³)	⁴ Surface Plug Grout Volume (ft ³)	Total Calculated Grout Volume (ft ³)
Saturated Zo	one Piezometers				L				1	<u> </u>		(11.7	1 111
MW-2A	32 26 45.10103	103 04 48.47023	3468	3444	24	29	6.11	22.89	2.0	2.13	4.1	N/A	4.1
MW-2B	32 26 45.05601	103 04 48.24914	3467	3444	23	28	6.11	21.89	1.9	2.13	4.0	N/A	4.0
MW-3A	32 26 44.53638	103 04 49.02356	3466	3442	24	29	11.9	17.1	1.5	4.15	5.6	N/A	5.6
MW-3B	32 26 44.46202	103 04 48.83041	3466	3442	24	29	11.6	17.4	1.5	4.05	5.6	N/A	5.6
MW-3C	32 26 44.36061	103 04 48.63875	3466	3442	24	29	11.1	17.9	1.6	3.87	5.4	N/A	5.4
MW-3D	32 26 44.16941	103 04 48.69627	3465	3441	24	29	10	19	1.7	3.49	5.1	N/A	5.1
MW-3E	32 26 44.09193	103 04 48.87731	3464	3441	23	28	9.11	18.89	1.6	3.18	4.8	N/A	4.8
MW-4	32 26 45.29055	103 04 51.85692	3465	3444	21	26	2.4	23.6	2.1	0.84	2.9	N/A	2.9
MW-6	32 26 45.70812	103 04 53.78370	3465	3444	21	26	7.9	18.1	1.6	2.76	4.3	N/A	4.3
MW-7	32 26 46.01997	103 04 55.53087	3465	3444	21	26	4.8	21.2	1.8	1.68	3.5	N/A	3.5
MW-13	32 26 49.54788	103 05 08.92520	3474	3451	23	28	18.8	9.2	0.8	6.56	7.4	N/A	7.4
MW-40	32 26 57.68098	103 04 42.50905	3480	3455	25	30	16.5	13.5	1.2	5.76	6.9	N/A	6.9
MW-41	32 26 51.32878	103 05 11.24260	3469	3448	21	26	20.1	5.9	0.5	7.01	7.5	N/A	7.5
MW-46	32 26 57.33282	103 05 13.94460	3459	3425	34	39	20.8	18.2	1.6	7.26	8.8	N/A	8.8
MW-51	32 26 53.75453	103 05 12.45410	3468	3435	33	38	23.2	14.8	1.3	8.10	9.4	N/A	9.4
Vadose Zone	Piezometers										<u> </u>		
MW-3X	32 26 42.89944	103 04 51.49262	3459	3438	21	26	Dry	0	0.9	0.35	1.2	18	19.2
MW-5	32 26 44.53941	103 04 50.25111	3463	3443	20	25	Dry	0	0.9	0.33	1.2	18	19.2
MW-7	32 26 54.88246	103 04 25.97379	3465	3444	21	26	Dry	0	0.9	0.35	1.2	18	19.2
MW-35	32 27 03.24278	103 04 49.39900	3481	3458	23	28	Dry	0	0.9	0.39	1.3	18	19.3
MW-36	32 27 03.26563	103 04 46.90639	3473	3457	16	21	Dry	0	0.9	0.24	1.1	18	19.1
MW-37	32 27 02.63521	103 04 44.42085	3482	3456	26	31	Dry	0	0.9	0.46	1.3	18	19.3
MW-45	32 26 56.08045	103 05 14.72403	3457	3435	22	27	Dry	0	0.9	0.37	1.2	18	19.2
MW-47	32 26 58.60840	103 05 12.67846	3458	3438	20	25	Dry	0	0.9	0.33	1.2	18	19.2
MW-52	32 26 53.99796	103 04 38.59367	3476	3451	25	30	Dry	0	0.9	0.44	1.3	18	19.3
MW-68X	32 26 42.18177	103 04 29.14020	3454	3432	22	27	Dry	0	0.9	0.37	1.2	18	19.2
MW-68XX	32 26 54.21942	103 04 26.05644	3462	3435	27	32	Dry	0	0.9	0.48	1.4	18	19.4
MW-71A	32 26 36.96221	103 04 41.86038	3443	3380	63	68	Dry	0	0.9	1.26	2.1	18	20.1
MW-71	32 26 36.84622	103 04 41.43192	3443	3379	64	69	Dry	0	0.9	1.29	2.2	18	20.2
MW-68	32 26 41.01970	103 04 32.39228	3445	3382	63	68	Dry	0	0.9	1.26	2.1	18	20.1
MW-69	32 26 38.85444	103 04 34.92620	3443	3370	73	78	Dry	0	0.9	1.48	2.4	18	20.4
MW-70	32 26 38.04249	103 04 38.40574	3442	3408	34	39	Dry	. 0	0.9	0.63	1.5	18	19.5
MW-71B	32 26 36.75575	103 04 41.80326	3443	3378	65	70	Dry	0	0.9	1.31	2.2	18	20.2
MW-71C	32 26 37.05113	103 04 41.61669	3443	3380	63	68	Dry	0	0.9	1.26	2.1	18	20.1
MW-71D	32 26 37.12835	103 04 41.33080	3443	3380	63	68	Dry	. 0	0.9	1.26	2.1	18	20.1
MW-71E	32 26 37.20937	103 04 41.08249	3442	3381	61	66	Dry	0	0.9	1.22	2.1	18	20.1
MW-71F	32 26 36.86058	103 04 41.27519	3443	3379	64	69	Dry	0	0.9	1.29	2.2	18	20.2
MW-71G	32 26 36.65988	103 04 41.36314	3443	3378	65	70	Dry	. 0	0.9	1.31	2.2	18	20.2
MW-71H	32 26 36.83360	103 04 41.41226	3443	3375	68	73	Dry	. 0	0.9	1.37	2.2	18	20.2
MW-71Y	32 26 35.56120	103 04 41.08423	3443	3360	83	88	Dry	0	0.9	1.70	2.6	18	20.6
MW-71Z	32 26 36.54082	103 04 40.16906	3442	3376	66	71	Dry	0	0.9	1.33	2.2	18	20.2
MW-71EE	32 26 35.46070	103 04 41.57162	3443	3360	83	88	Dry	0	0.9	1.70	2.6	18	20.6
MW-7111	32 26 36.07887	103 04 39.61947	3441	3365	76	81	Dry	0	0.9	1.55	2.4	18	20.4
MW-71XX	32 26 36.09011	103 04 41.81167	3443	3365	78	83	Dry	0	0.9	1.59	2.5	18	20.5
MW-71YY	32 26 35.71235	103 04 40.62928	3443	3365	78	83	Dry	0	0.9	1.59	2.5	18	20.5
MW-71/77	32 26 35.67387	103 04 41.93019	3443	3360	83	88	Dry	0	0.9	1.70	2.6	18	20.6
MW-73	32 26 37.37631	103 04 51.77587	3445	3417	28	33	Dry	. 0	0.9	0.50	1.4	18	19.4
MW-74	32 26 40.21836	103 04 51.91483	3450	3422	28	33	Dry	0	0.9	0.50	1.4	18	19.4

¹Projected top of Chinle Shale from Gordon Environmental 5/24/2016 map

²Lower hole volume assumes 2-inch diameter casing + 8-inch diameter gravel annulus (20% void ratio); water column length on Sat Zone wells, assumed 10 ft screen on Vadose Zone wells

³Upper hole volume assumes 8-inch overdrill hole above water on sat zone wells, 2-inch casing above assumed 10-ft screen on Vadose Zone wells

 $^{^4\}text{Surface}$ plug grout volume in 3-ft x 3-ft x 2-ft fill below grade on Vadose Zone wells only

Sheet 1. SSI Monitoring Well Locations

2017 001 30





SSI MONITORING WELL LOCATIONS

LEA COUNTY, NEW MEXICO

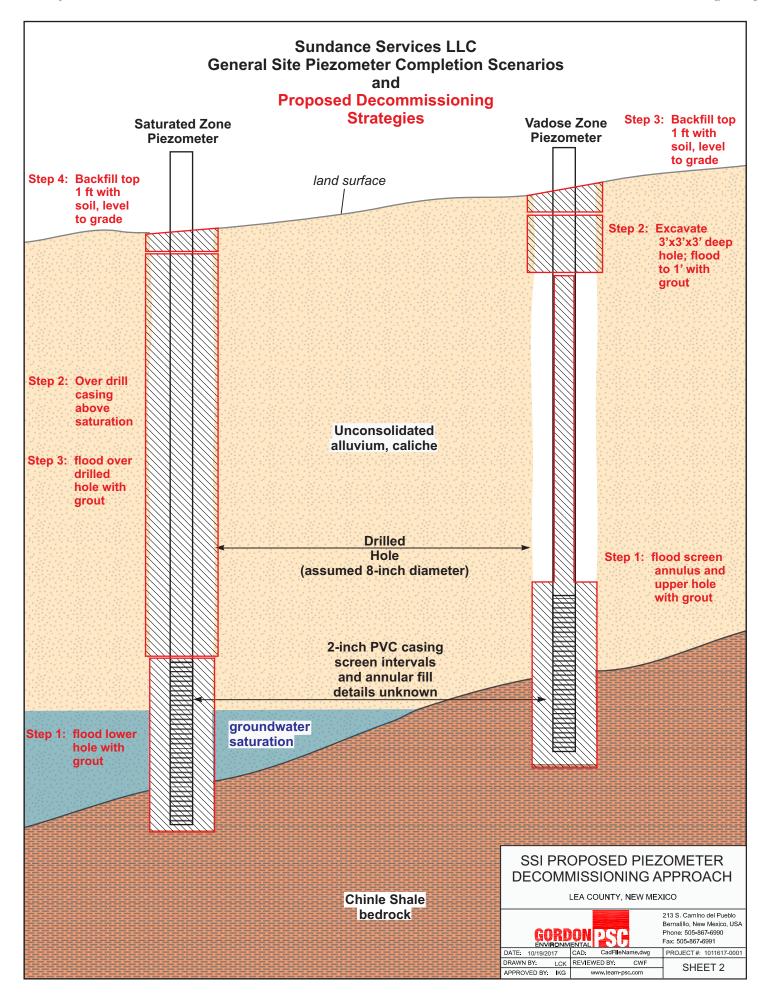
213 S. Camirio del Pueblo Bernaliki, New Mexico, USA Phone: 505-867-8000

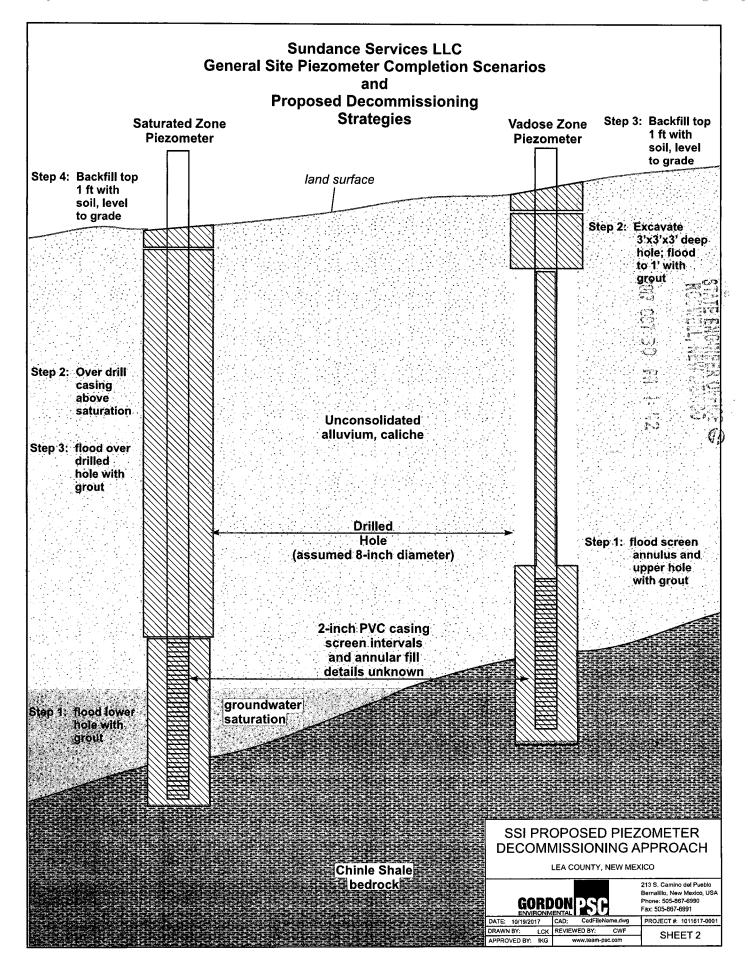
DRAWN BY: DMI REVIEWED BY: CWF SHEET 1

NOT FOR CONSTRUCTION Drowing Pflaces 2003/501/55 91/sectech mapping 541/ well boordors dwg SIZE: ARICHO Desw TenerCes. 11, 2617-10/20/51 - LAVOUT Laynes2-C (LS) Cosyniget © AB Rights Reserved. Gordon Environmental (1950 - 2016)

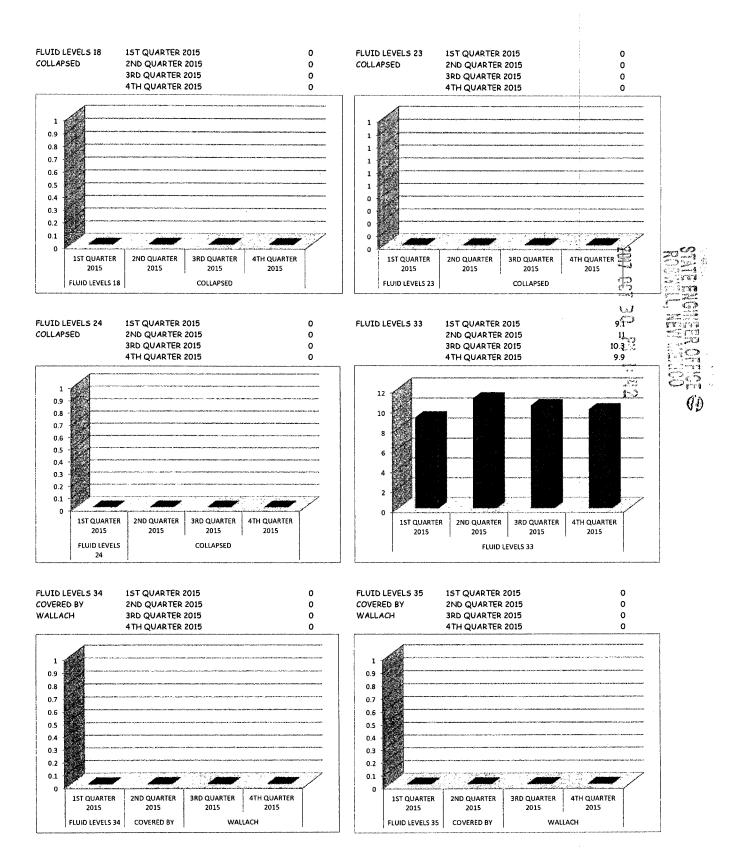
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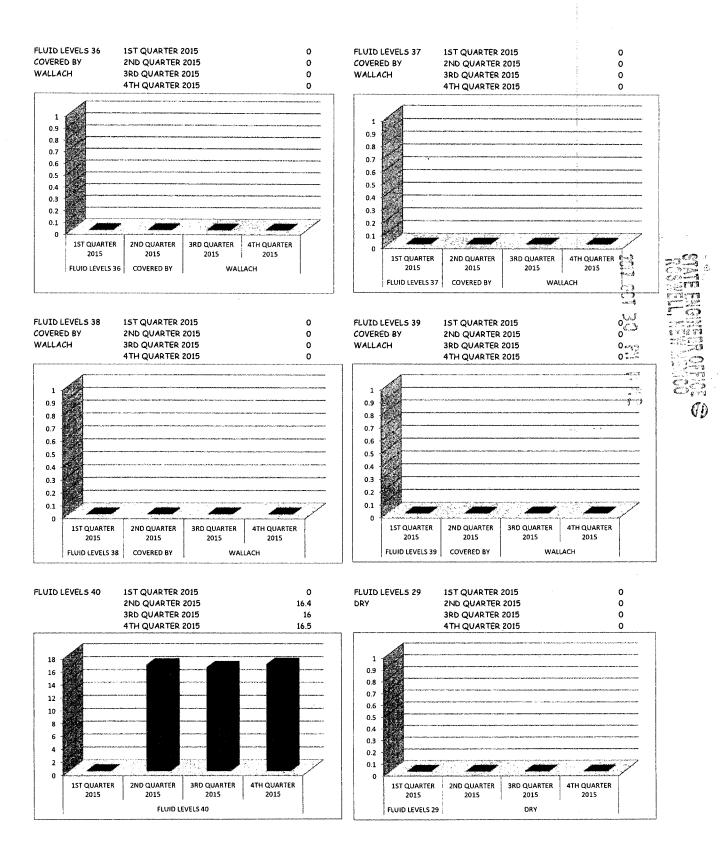
Sheet 2. SSI Proposed Piezometer Decommissioning Approach

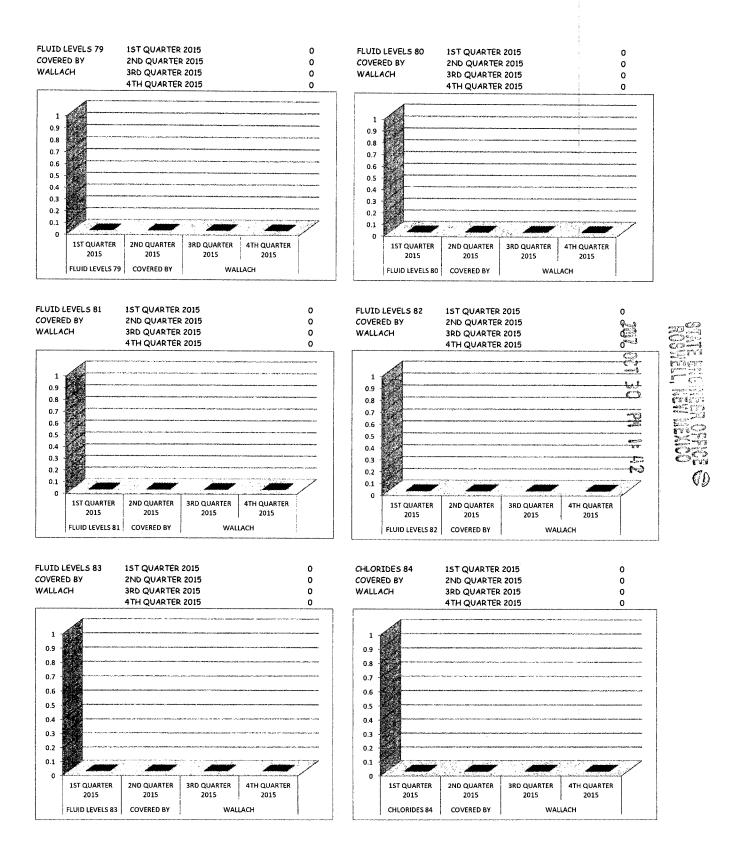


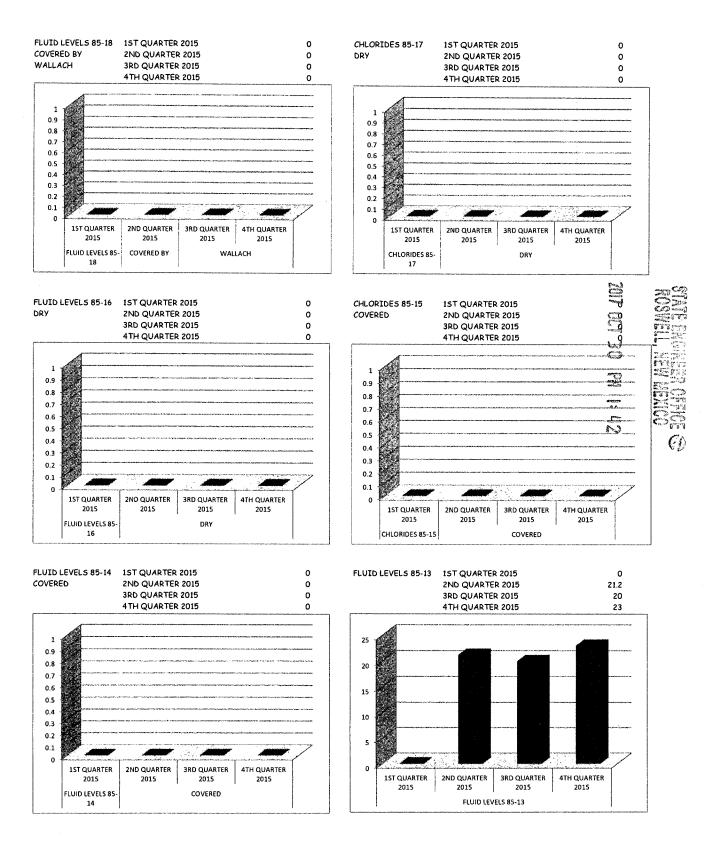


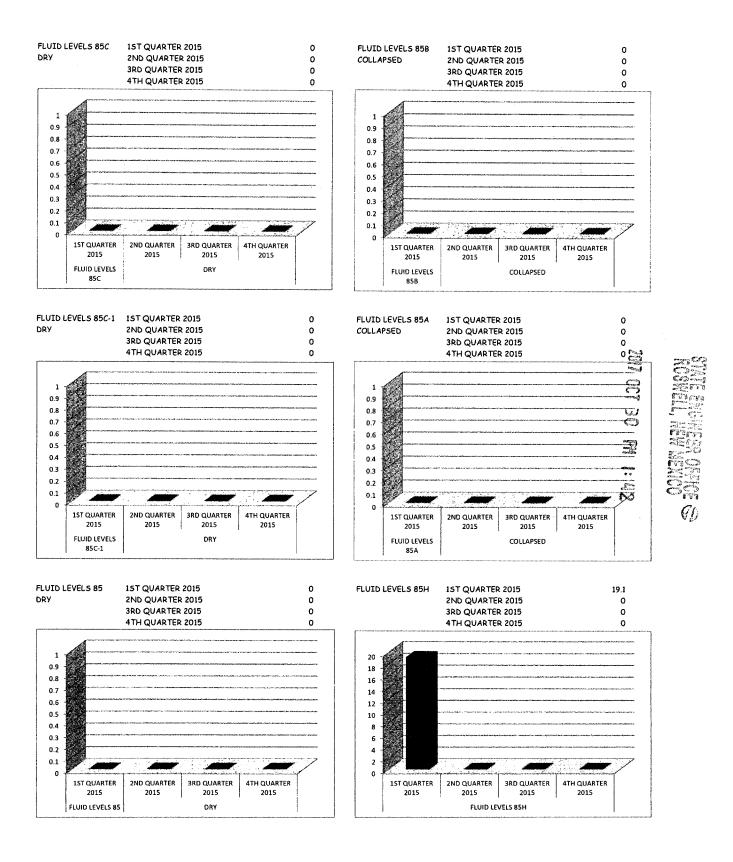
Attachment 1. Summary of Sundance Services Monitoring Data

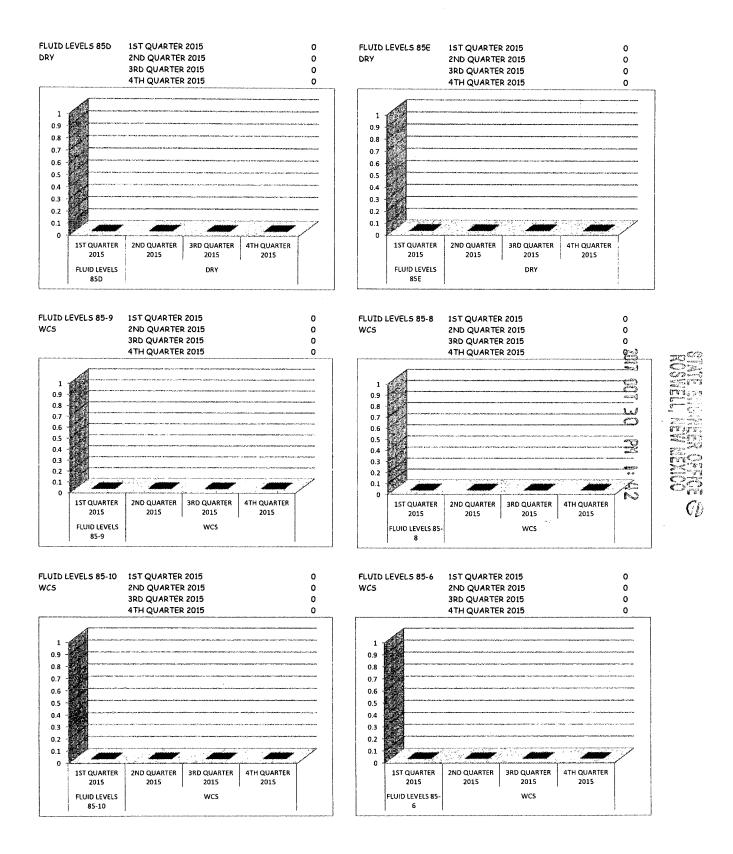


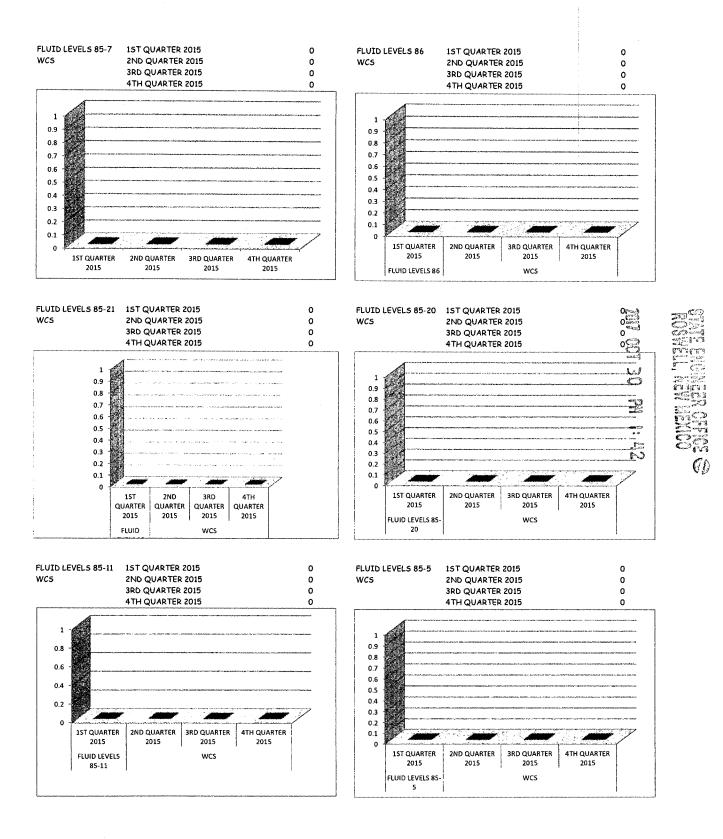


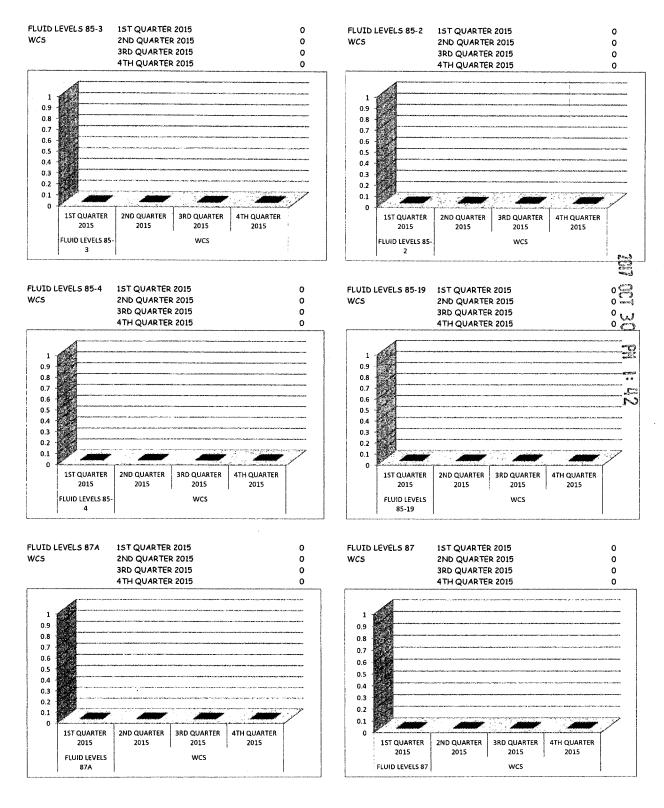


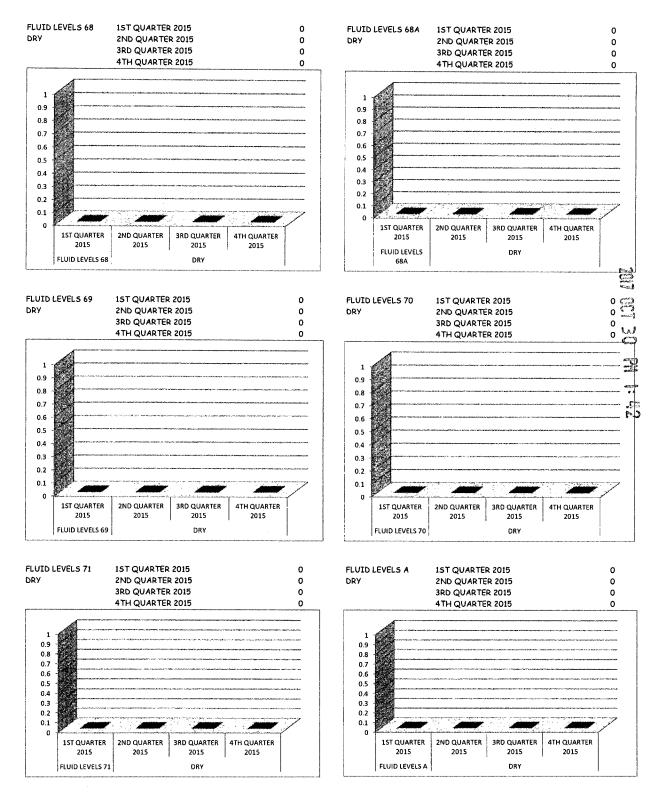


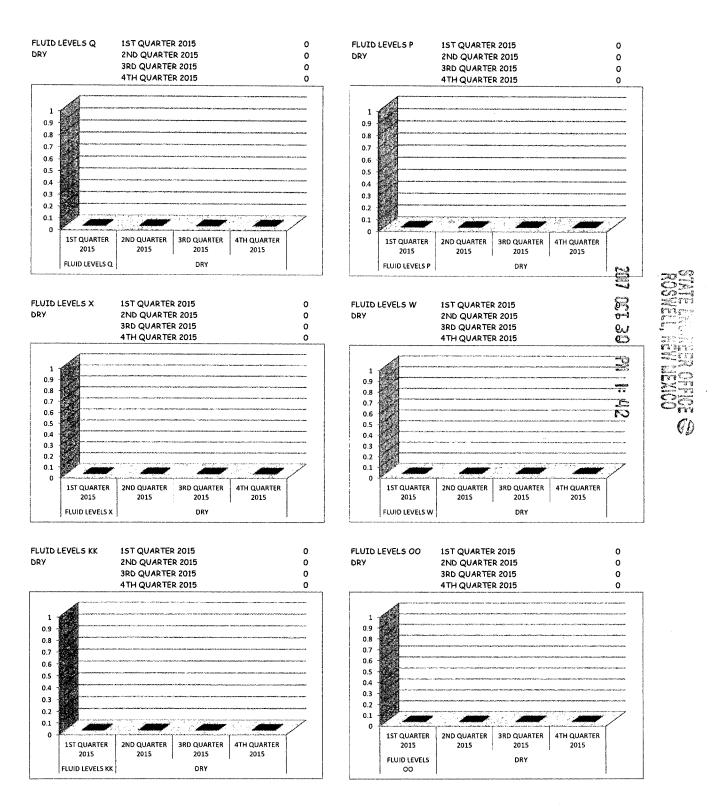


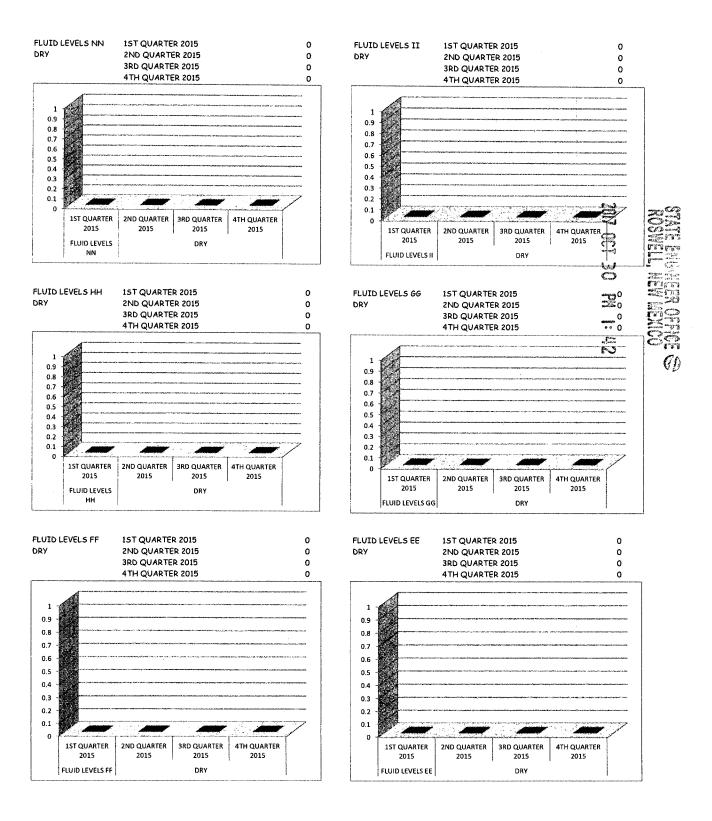


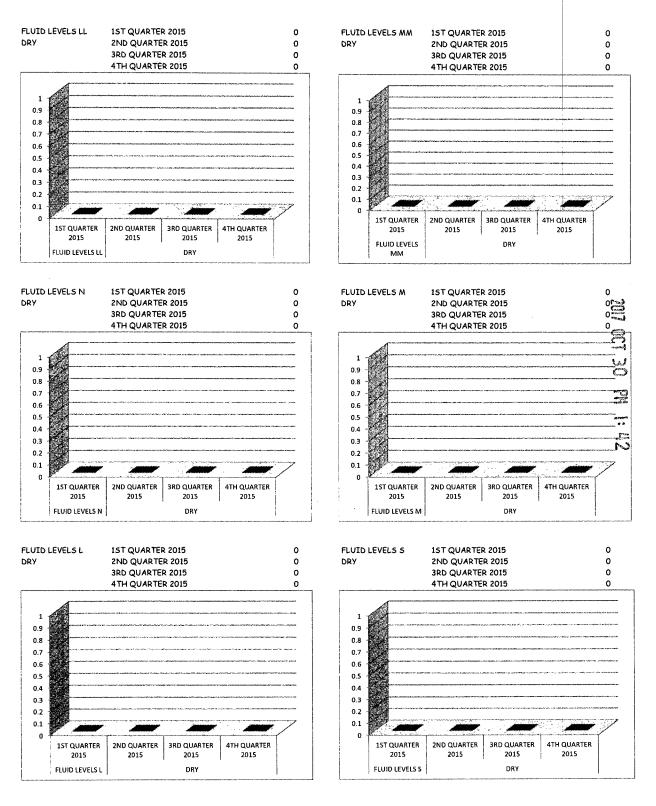


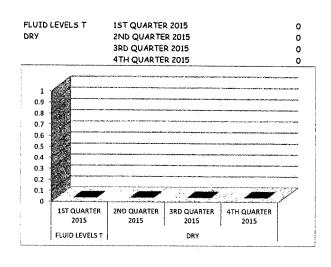


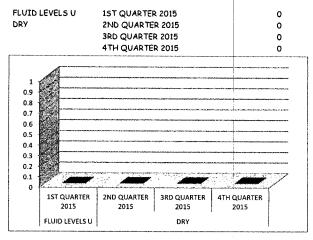


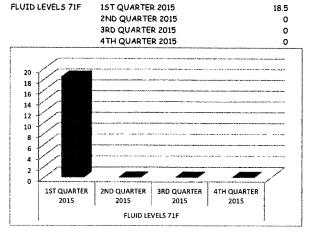


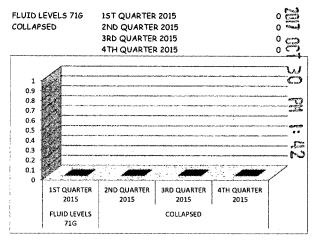


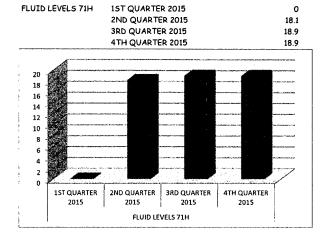


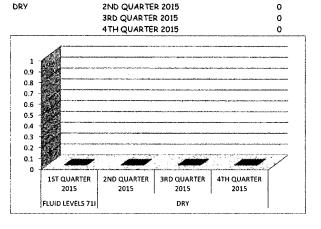






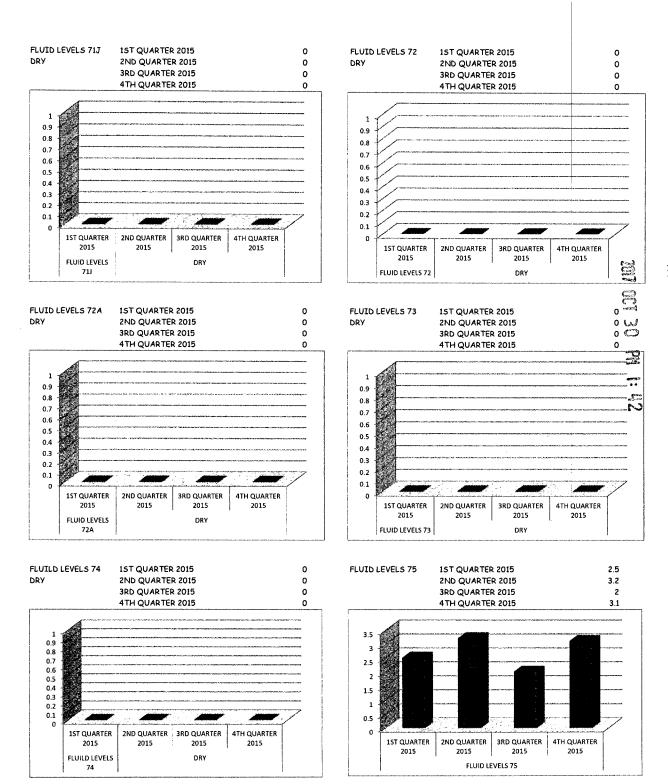


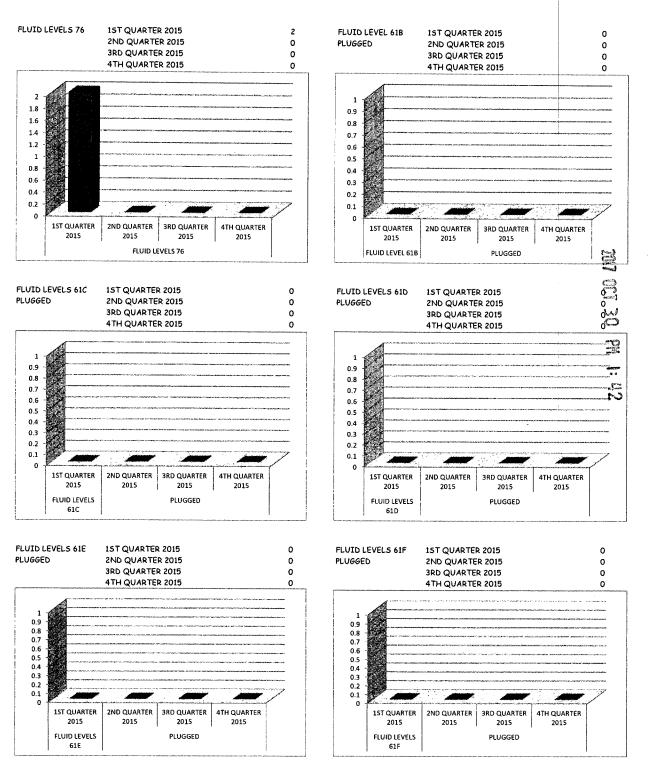


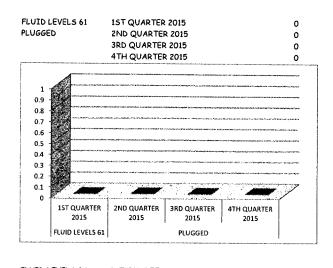


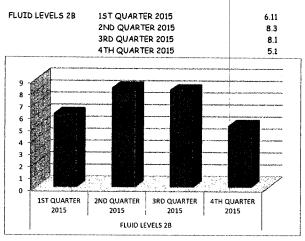
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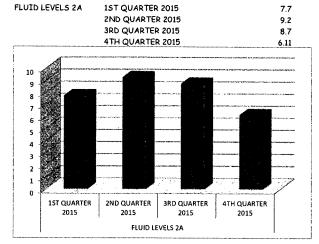
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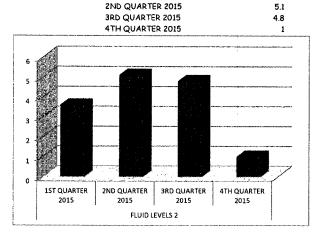








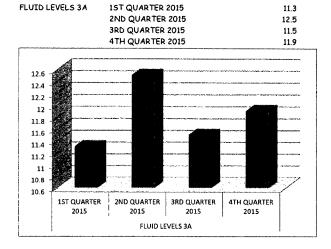


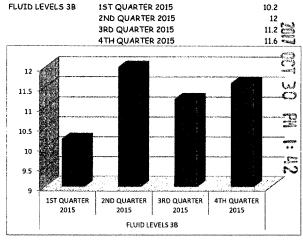


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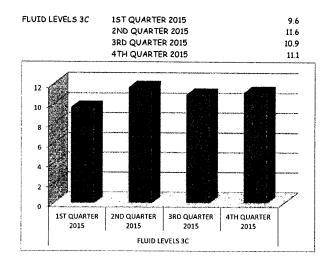
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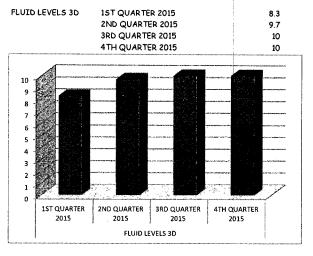


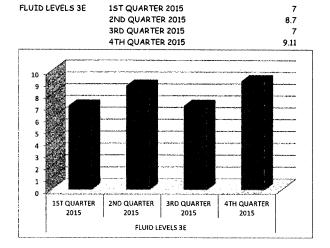


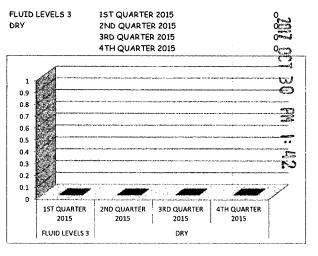


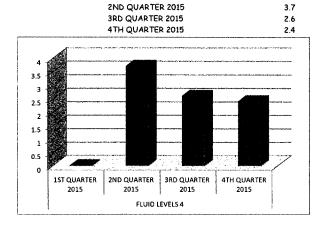
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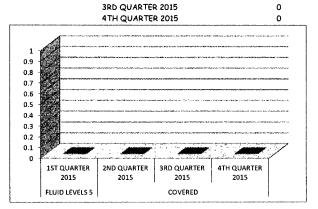








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1ST QUARTER 2015

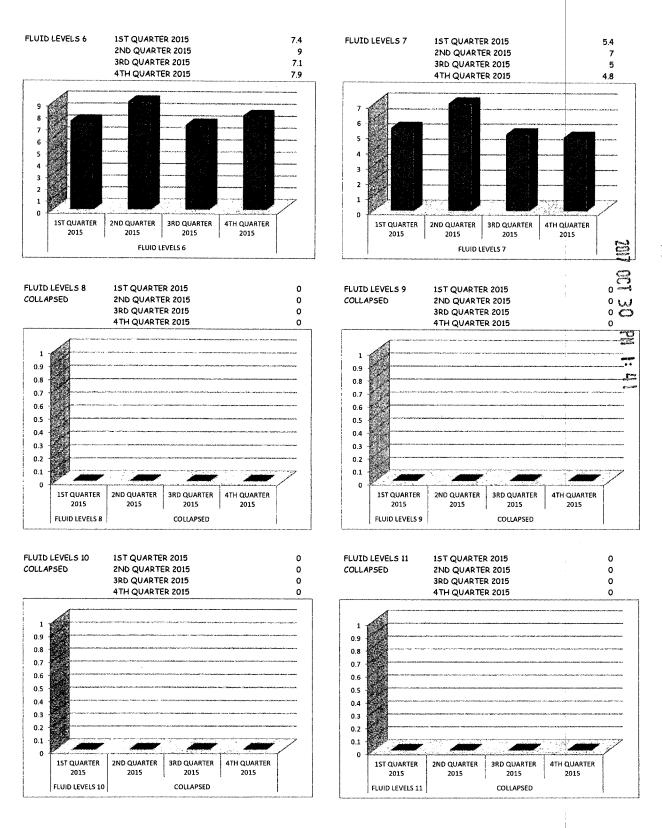
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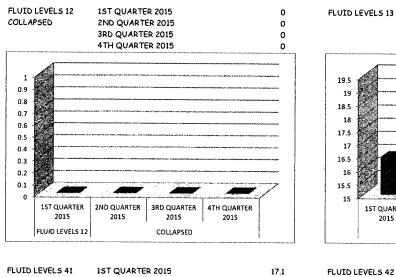


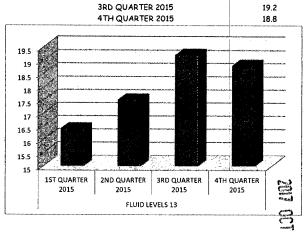
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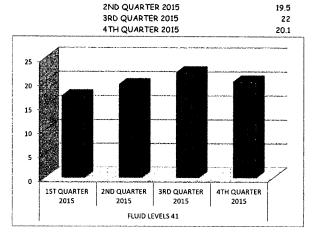
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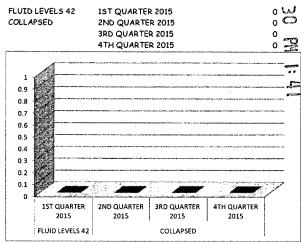




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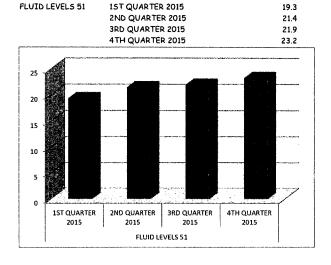


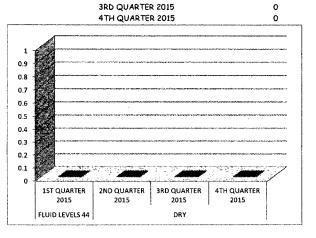


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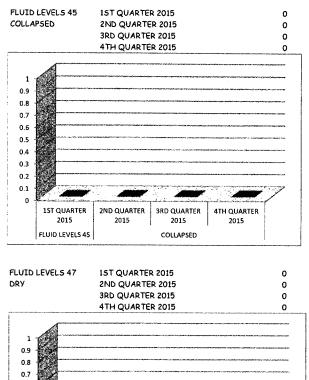
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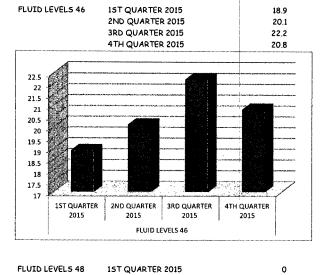
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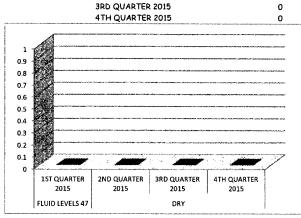


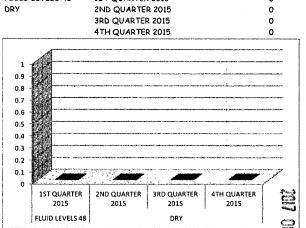


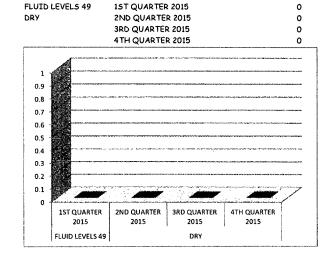
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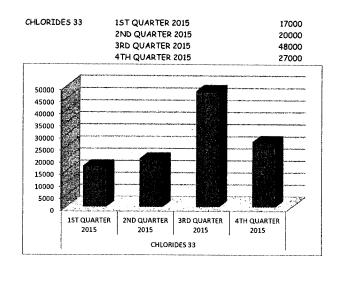


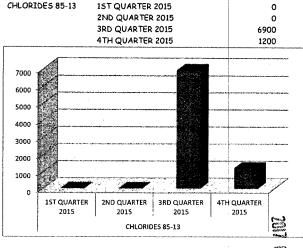


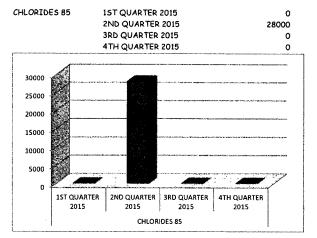


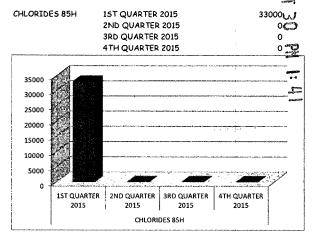


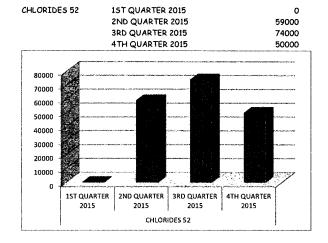


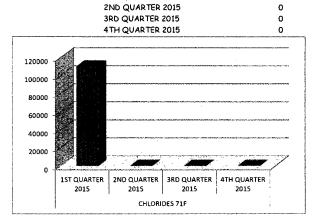










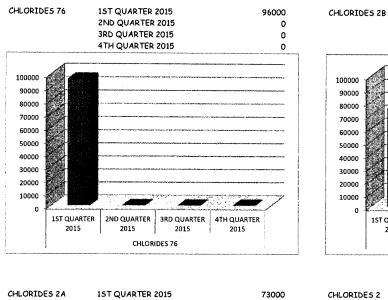


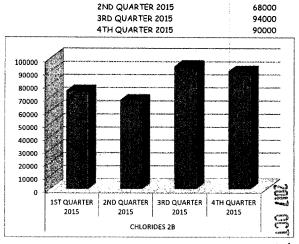
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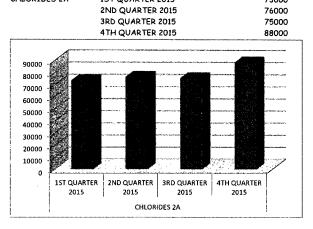
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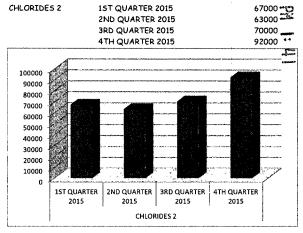
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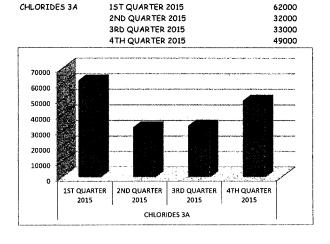


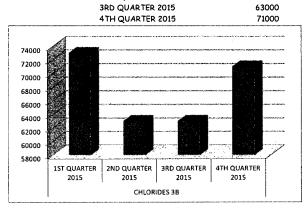


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1ST QUARTER 2015

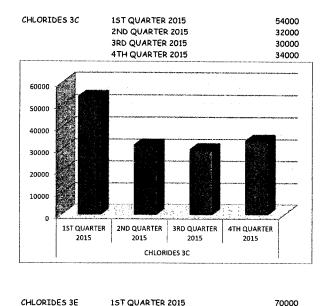
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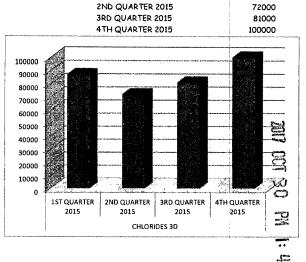
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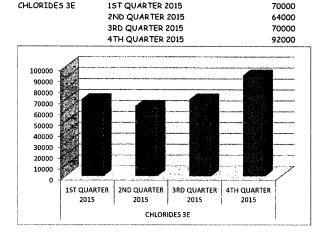


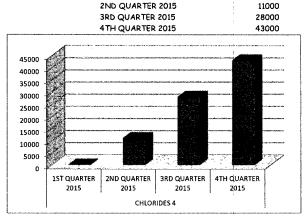
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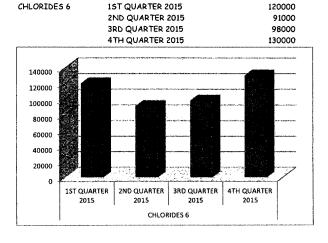
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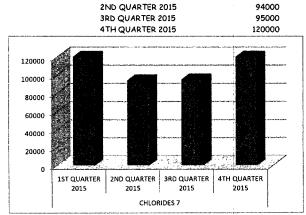
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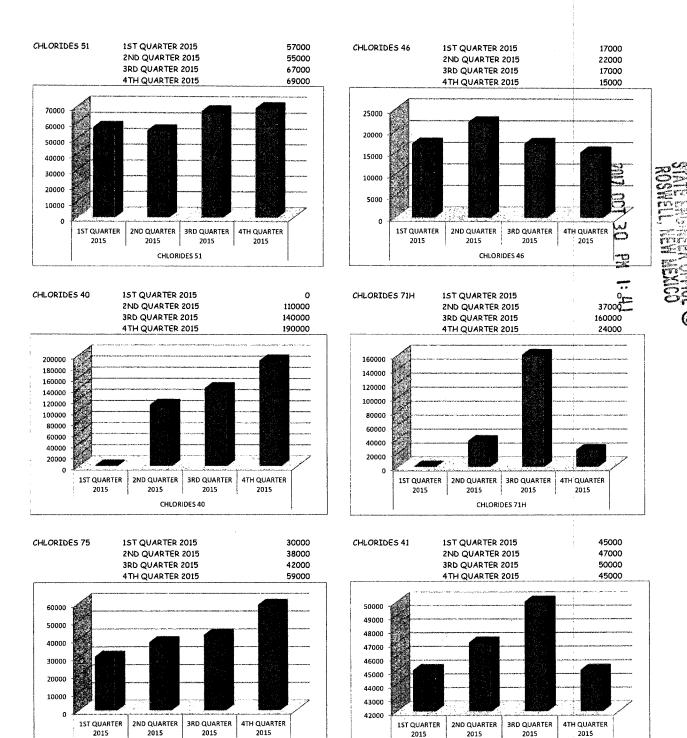


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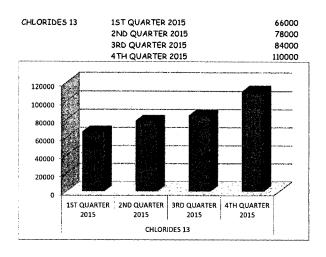


1ST QUARTER 2015



CHLORIDES 41

CHLORIDES 75



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

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**

CONDITIONS

Action 125063

CONDITIONS

Operator:	OGRID:				
SUNDANCE SERVICES, INC.	149972				
P.O. Box 1737	Action Number:				
Eunice, NM 88231	125063				
	Action Type:				
	[C-137] Non-Fee SWMF Submittal (SWMF NON-FEE SUBMITTAL)				

CONDITIONS

Created By		Condition Date
bjones	None	7/13/2022