BW - 25

GENERAL CORRESPONDENCE

YEAR(S):

2008 - Present

Chavez, Carl J, EMNRD

From: Chavez, Carl J, EMNRD
Sent: Tuesday, August 6, 2019 12:45 PM
To: Hull, Jason; Pritchett, Gary
Cc: Griswold, Jim, EMNRD; Kautz, Paul, EMNRD; Ehrlich, Mark; Fairchild, Ken; Aguirre, Teresa; Wade, Gabriel, EMNRD; Rickman, Leslie, EMNRD
Subject: RE: BW-25 (Basic Energy Services Salado Well No. 2 API# 30-025-32394): (Lea Co.) Brine Well Discharge Permit Status

Jason and Gary:

Re: Basic Energy Services: BW-2 'P&S Eunice No. 1' (API# 30-025-26884) and BW-25 'Salado No. 2' (API# 30-025-32394) Status

The New Mexico Oil Conservation Division (OCD) has reviewed the admin. record for Basic Energy Services (BES) aforementioned Brine Wells.

Based on OCD's most recent communications with BES, OCD is requesting the status of the facilities.

From OCD's recollection on BW-2 in January of 2019, an annual report and a new discharge permit renewal application was supposed to be submitted to the OCD. The well was shut-in.

From e-mail correspondence on BW-25 below, it appeared BES was interested in using the facility for brine production again, after BES had been working with OCD to close the facility.

OCD requests an update before COB on Friday, August 16, 2019.

Thank you.

Mr. Carl J. Chavez, CHMM (#13099)
New Mexico Oil Conservation Division
Energy Minerals and Natural Resources Department
1220 South St Francis Drive
Santa Fe, New Mexico 87505
Ph. (505) 476-3490
E-mail: CarlJ.Chavez@state.nm.us
"Why not prevent pollution, minimize waste to reduce operating costs, reuse or recycle, and move forward with the rest of the Nation?" (To see how, go to: http://www.emnrd.state.nm.us/OCD **and see "Publications")**

From: Hull, Jason <Jason.Hull@basicenergyservices.com>
Sent: Thursday, January 31, 2019 2:03 PM
To: Pritchett, Gary <Gary.Pritchett@basicenergyservices.com>; Chavez, Carl J, EMNRD <CarlJ.Chavez@state.nm.us>
Cc: Griswold, Jim, EMNRD <Jim.Griswold@state.nm.us>; Kautz, Paul, EMNRD <paul.kautz@state.nm.us>; Ehrlich, Mark <Mark.Ehrlich@basicenergyservices.com>; Fairchild, Ken <ken.fairchild@basicenergyservices.com>; Aguirre, Teresa <Teresa.Aguirre@basicenergyservices.com>
Subject: [EXT] Re: BW-25 (Basic Energy Services Salado Well No. 2 API# 30-025-32394):

Carl,

Gary has asked me to give you an update on the Eunice brine.

Currently, we working with Permits West to take care of the permit process, Cory Walk has been my contact with them. Cory is working to get the application ready to submit. He is also putting together the annual report that is past due. I am trying to make contact with Chevron to see if we can use a monitor well that is 150 ft from our well. So far we have not been give clearance on using that well , so I have starting gathering quotes and preparing an application to drill a new monitor well on our location. I am also scheduling Harcrow surveying to do the subsidence monitoring surveys via drone. The facility has been shut down, well shut in and tanks emptied until The OCD has given us clearance to use the well. If you need anything else please feel free to email me back and I'll do my best to keep you informed as we proceed.

Jason Hull

Construction Supervisor

Office: (432) 571-8123

Mobile: (432) 816-1805

Jason.hull@basicenergyservices.com

From: Pritchett, Gary
Sent: Thursday, January 31, 2019 10:55:28 AM
To: Chavez, Carl J, EMNRD; Hull, Jason
Cc: Griswold, Jim, EMNRD; Kautz, Paul, EMNRD; Ehrlich, Mark; Fairchild, Ken; Aguirre, Teresa
Subject: RE: BW-25 (Basic Energy Services Salado Well No. 2 API# 30-025-32394):

Carl, Basic plans on renewing the permit and continue to operate the brine station. Jason Hull will e mail you shortly the current status on the permit application

From: Chavez, Carl J, EMNRD <CarlJ.Chavez@state.nm.us>
Sent: Wednesday, January 30, 2019 5:48 PM
To: Pritchett, Gary <Gary.Pritchett@basicenergyservices.com>
Cc: Griswold, Jim, EMNRD <Jim.Griswold@state.nm.us>; Kautz, Paul, EMNRD <paul.kautz@state.nm.us>
Subject: [EXTERNAL] BW-25 (Basic Energy Services Salado Well No. 2 API# 30-025-32394):

Gary:

Re: BW-25

The New Mexico Oil Conservation Division (OCD) is responding to your inquiry of 1/29 regarding the closure of the brine pond at the above facility.

Please find attached some OCD information (see the "Closure" thumbnail at the above BW-25 admin. record link) on the above subject facility.

Please advise OCD on or before 1/31/2019 Basic Energy Service's plans for completing closure of the facility so OCD Hobbs may release the well site.

Thank you.

Mr. Carl J. Chavez, CHMM (#13099)
New Mexico Oil Conservation Division
Energy Minerals and Natural Resources Department
1220 South St Francis Drive
Santa Fe, New Mexico 87505
Ph. (505) 476-3490
E-mail: CarlJ.Chavez@state.nm.us
"Why not prevent pollution, minimize waste to reduce operating costs, reuse or recycle, and move forward with the rest of the Nation?" (To see how, go to: http://www.emnrd.state.nm.us/OCD **and see "Publications")**

Chavez, Carl J, EMNRD

From: Sockwell, Lyn [Lyn.Sockwell@basicenergyservices.com]
Sent: Tuesday, April 13, 2010 3:41 PM
To: Chavez, Carl J, EMNRD
Subject: Accepted: Tentative Basic Energy Services (BES) NOV Meeting on BW-2 & BW-25

RECEIVED
2008 JUL 8 PM 1 43

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
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

For State Use Only:

Form C-137
Revised March 1, 2007

Submit 1 Copy to Santa Fe Office

APPLICATION FOR SURFACE WASTE MANAGEMENT FACILITY

A meeting should be scheduled with the Division's Santa Fe office Environmental Bureau prior to pursuing an application for a surface waste management facility in order to determine if the proposed location is capable of satisfying the siting requirements of Subsections A and B of 19.15.36.13 NMAC for consideration of an application submittal.

1 Application: ☐ New ☐ Modification ☒ Renewal

2. Type: ☐ Evaporation ☐ Injection ☐ Treating Plant ☐ Landfill ☐ Landfarm ☒ Other

3. Facility Status: ☒ Commercial ☐ Centralized

4. Operator: **BASIC ENERGY SERVICES, L.P.**

Address: **PO BOX 10460, MIDLAND TX 79702**

Contact Person: **Steve Prather** Phone: **575-390-1435**

5. Location: **NE** /4 **NE** /4 Section **20** Township **25 S** Range **37 E**

6. Is this an existing facility? ☒ Yes ☐ No If yes, provide permit number **BW-25**

7. Attach the names and addresses of the applicant and principal officers and owners of 25 percent or more of the applicant. Specify the office held by each officer and identify the individual(s) primary responsible for overseeing management of the facility.

8. Attach a plat and topographic map showing the surface waste management facility's location in relation to governmental surveys (quarter-quarter section, township and range); highways or roads giving access to the surface waste management facility site; watercourses; fresh water sources, including wells and springs; and inhabited buildings within one mile of the site's perimeter.

9. Attach the names and addresses of the surface owners of the real property on which the surface waste management facility is sited and surface owners of the real property within one mile of the site's perimeter.

10. Attach a description of the surface waste management facility with a diagram indicating the location of fences and cattle guards, and detailed construction/installation diagrams of pits, liners, dikes, piping, sprayers, tanks, roads, fences, gates, berms, pipelines crossing the surface waste management facility, buildings and chemical storage areas.

11. Attach engineering designs, certified by a registered professional engineer, including technical data on the design elements of each applicable treatment, remediation and disposal method and detailed designs of surface impoundments.

12. Attach a plan for management of approved oil field wastes that complies with the applicable requirements contained in 19.15.36.13, 19.15.36.14, 19.15.36.15 and 19.15.36.17 NMAC.

13. Attach an inspection and maintenance plan that complies with the requirements contained in Subsection L of 19.15.36.13 NMAC.

14. Attach a hydrogen sulfide prevention and contingency plan that complies with those provisions of 19.15.3.118 NMAC that apply to surface waste management facilities.

15. Attach a closure and post closure plan, including a responsible third party contractor's cost estimate, sufficient to close the surface waste management facility in a manner that will protect fresh water, public health, safety and the environment (the closure and post closure plan shall comply with the requirements contained in Subsection D of 19.15.36.18 NMAC).

16 Attach a contingency plan that complies with the requirements of Subsection N of 19.15.36.13 NMAC and with NMSA 1978, Sections 12-12-1 through 12-12-30, as amended (the Emergency Management Act).

17. Attach a plan to control run-on water onto the site and run-off water from the site that complies with the requirements of Subsection M of 19.15.36.13 NMAC.

18. In the case of an application to permit a new or expanded landfill, attach a leachate management plan that describes the anticipated amount of leachate that will be generated and the leachate's handling, storage, treatment and disposal, including final post closure options.

19. In the case of an application to permit a new or expanded landfill, attach a gas safety management plan that complies with the requirements of Subsection O of 19.15.36.13 NMAC

20. Attach a best management practice plan to ensure protection of fresh water, public health, safety and the environment.

21. Attach a demonstration of compliance with the siting requirements of Subsections A and B of 19.15.36.13 NMAC.

22. Attach geological/hydrological data including:

(a) a map showing names and location of streams, springs or other watercourses, and water wells within one mile of the site;

(b) laboratory analyses, performed by an independent commercial laboratory, for major cations and anions; benzene, toluene, ethyl benzene and xylenes (BTEX); RCRA metals; and total dissolved solids (TDS) of ground water samples of the shallowest fresh water aquifer beneath the proposed site;

(c) depth to, formation name, type and thickness of the shallowest fresh water aquifer;

(d) soil types beneath the proposed surface waste management facility, including a lithologic description of soil and rock members from ground surface down to the top of the shallowest fresh water aquifer;

(e) geologic cross-sections;

(f) potentiometric maps for the shallowest fresh water aquifer; and

(g) porosity, permeability, conductivity, compaction ratios and swelling characteristics for the sediments on which the contaminated soils will be placed.

23. In the case of an existing surface waste management facility applying for a minor modification, describe the proposed change and identify information that has changed from the last C-137 filing.

24. The division may require additional information to demonstrate that the surface waste management facility's operation will not adversely impact fresh water, public health, safety or the environment and that the surface waste management facility will comply with division rules and orders

25. CERTIFICATION

I hereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and belief.

Name: **Eddie W. Seay** Title: **AGENT**

Signature: Eddie W Seay Date: **6-26-08**

E-mail Address: **seay04@leaco.net**

Name and address of applicant

Basic Energy Services, L.P.
PO Box 10460
Midland, TX 79702

Phone: 575-394-2545

Topographic map – showing location

Topographic map attached

Name and address of the land owner

Basic Energy Services, L.P.
PO Box 10460
Midland, TX 79702

Phone: 575-394-2545

Types and quantities of fluids at facility

This facility will temporarily store for sale brine water, fresh water and Fresh water treating chemicals, all in fiberglass containments.

1) 20 gal liquid KCL.
2) 30 gal. packer fluid.

Description of fluid transfer and storage

Please refer to the Site Facility Schematic and the Wellbore Schematic for the Brine Well for the following steps in fluid transfer and storage:

1) Fresh water is pumped from the fresh water well to the pump house.
2) The fresh water is transferred from the pump house into a 1000 barrel fresh water storage tank.
3) Fresh water is transferred to
    a) The fresh water may be pumped directly into a truck loading system.
    b) Fresh water may also be diverted into the annulus of the brine well.
4) Fresh water flows down the annulus of the brine well and brine water flows
   Back up the tubing and is directed back into the pump house.
5) The brine fluid is pumped into one of four 1000 barrel storage tanks.

6) The brine fluid is finally removed from the storage tanks into truck loading outlets.

Tank trucks are loaded over a loading rack drain. The loading racks are 14' x 14' concrete pads with pads sloping toward center. A drain in the center is connected to the 4" drain lines. The concrete pads are 8" thick with rebar. Concrete used was 6 sacks cement per square yard with fibermesh.

Description and Inventory of Surface Facility

1. 4- 1000 bbl brine storage tanks
   2-500 bbl storage tanks.

2. Above ground loading line.
   The 4 storage tanks are connected to this line and at each end of the line is a loading rack.

3. Below ground drain lines.
   The 4" lines are buried 1 " below ground and slopes toward the 5" line.
   The 5" line is buried 1 ½" below ground and slopes toward the washout facility.
   The 4" lines have a valve where the lines can be closed to the 5" line in case 5" line ever becomes plugged and pressure has to be applied to clean line.

4. Loading rack drain – described above

5. Washout facility

6. All solids accumulated at washout are taken to an OCD approved disposal facility.

Description of Underground Facility

The only underground facilities will be the brine well and its piping construction. Enclosed is the schematic of the existing and proposed wellbore.

The well bore construction is as follows:

10" surface casing set at 60' with cement circulated to surface.
7" production casing from surface to 1220 with cement circulated to surface

2 7/8' plastic lined tubing set at approximately 1385'. The total depth of the well is 1420'. Well Schematic attached.

Contingency Plan for reporting and clean-up spills or releases

All above ground piping, pumps and tanks will be visually inspected for leaks by company personnel on a weekly basis and after each heavy rain. Any problems such as leaks, spills or well abnormality will be taken to the attention of Basic Energy Services supervisor immediately. Supervisor will assess the problem and proceed with proper notification and repairs as OCD Rule 116 requires. Basic Energy Services owns and operates vacuum trucks and construction equipment commonly employed on spill clean-ups. In the event of an unplanned release of brine water, Basic will immediately notify the Hobbs office of the NMOCD and remove all free liquids and transport to an approved disposal facility.

All impacted soils will be delineated as to both vertical and lateral extent and all affected soils removed to an approved disposal facility. Were soils have been removed new soil will be added to the excavated area and leveled to match the surrounding topography.

Geology

Alluvium (Quaternary)- The alluvium consists 0- 40 feet of hard caliche surface, calcareous silt and unconsolidated sand found in depressions in the surface.

Chinle Formation (Triassic)- The Chinle Formation or as it is referred to locally as "Red Beds" is approximately 400 feet thick and is overlain by the surface alluvium. The Red Beds consists of red claystone and minor amounts of siltstone.

Santa Rosa Formation (Triassic)- The Santa Rosa Formation unconformabliy overlies the Dewey Lake Formation. The Santa Rosa Formation consists of approximately 300 feet of coarse grain sandstone interbedded with red claystone and silty claystone. In the vicinity of the site the Santa Rosa is approximately 440-740 feet from the surface.

Dewey Lake Formation (Upper Permian)- The Dewey Lake Formation overlies the Rustler Formation and is the Late Permian in age. In this area the Dewey Lake Formation is approximately 300 feet thick and is found at a depth of 740-1040 feet below the surface. The Dewey Lake consists of red fine grain siltstone interbedded silty claystone and minor gypsum near the base.

Rustler Formation (Upper Permian)- The Rustler Formation overlies the Salado Formation and consists of approximately 200 feet of interbedded anhydrite, limestone and sandstone.

Hydrology

Ground water in the vicinity of the proposed site is derived from the Santa Rosa Formation. Ground water is encountered at a depth of approximately 400-500 feet.

Above the Santa Rosa Formation is the undifferentiated redbeds of the Dockum Group. The Santa Rosa Formation is the lowest formation of the Dockum Group. The Red Beds are relatively impermeable and act as a barrier to downward or upward movement of ground water.

Samples for the supply wells and brine attached.

FACILITY CLOSURE PLAN

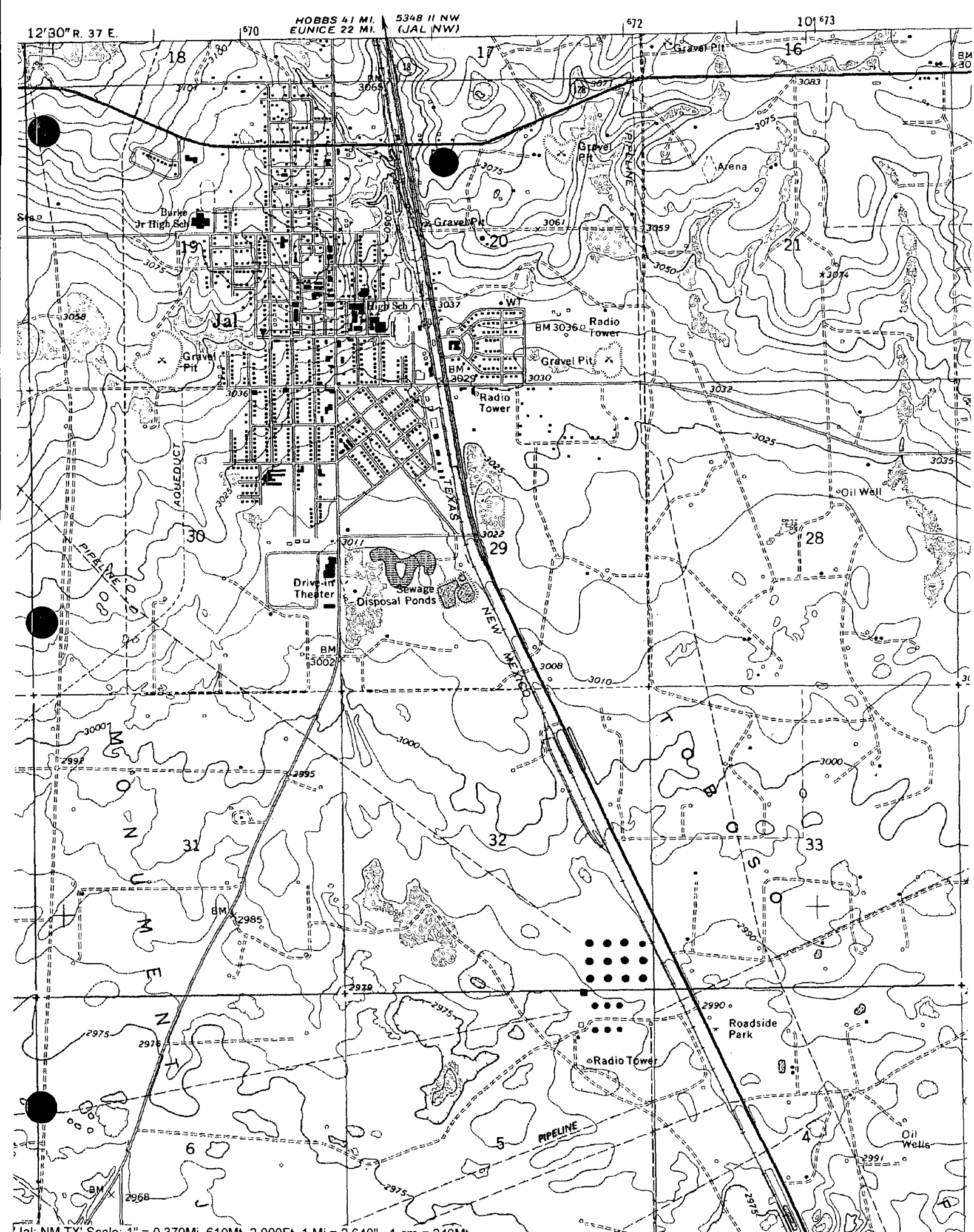
All reasonable and necessary measures will be taken to comply with the WQCC and NMOCD rules and regulations should Basic Energy Services, LP. close this facility. Basic will remove all above ground tanks and equipment. All waste will be removed from the site and properly disposed of with approval from NMOCD. No work will be performed without prior approval from the regulating authority.

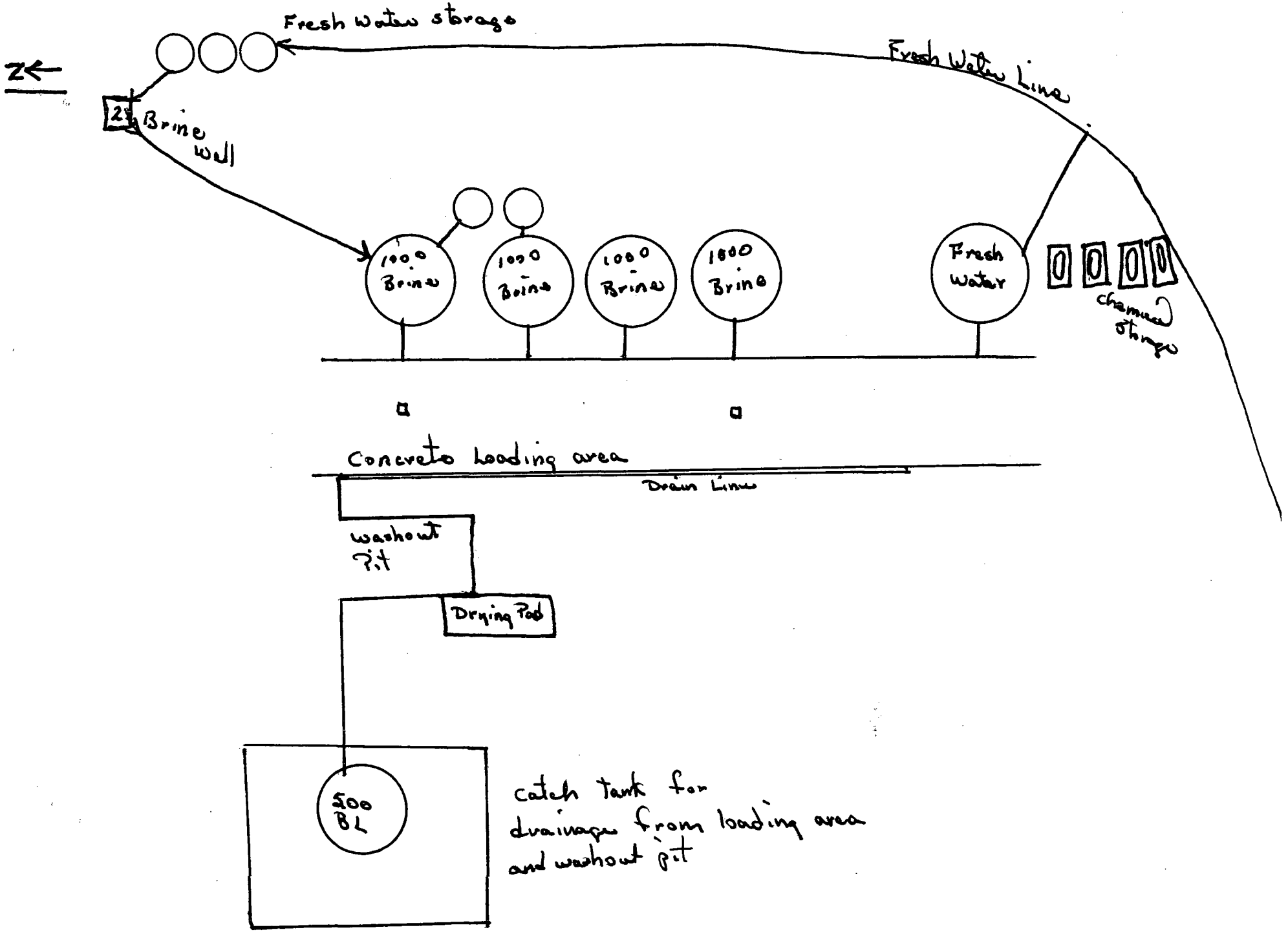
Basic Energy Services LP. will comply with any rule regulation or order which the OCD or WQCC currently has or any new rule and regulation that pertains to this type of facility that the OCD or WQCC may initiate in the future.

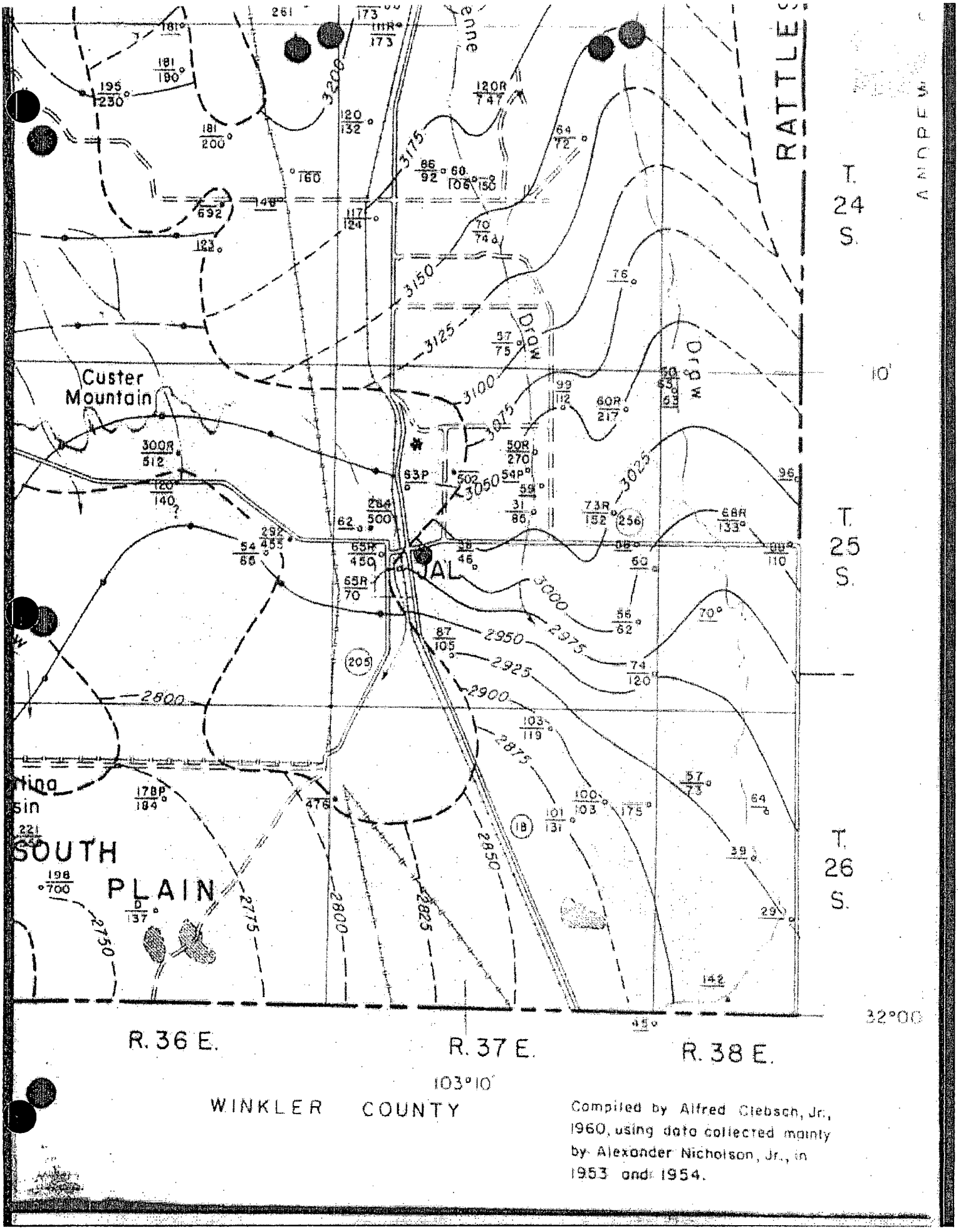
ITEMS INCLUDED:

$100.00 Application Fee to Water Quality Management Fund.

Copies of proposed advertisement, which will be put in the Hobbs News Sun both in Spanish and English, if this meets with your approval.


12'30" R. 37 E.
HOBBS 41 MI.
EUNICE 22 MI.
5348 II NW
(JAL NW)
Gravel Pit
Arena
Burke
Jr High Sch
Gravel Pit
Jal
High Sch
WT
BM 3036
Radio
Tower
Gravel Pit
BM
3029
Radio
Tower
AQUEDUCT
TEXAS
PIPELINE
Oil Well
PIPELINE
Drive-in
Theater
Sewage
Disposal Ponds
NEW MEXICO
BM
3002
BM
2985
Roadside
Park
Radio Tower
PIPELINE
Oil
Wells
BM
2968
Jal; NM,TX' Scale: 1" = 0.379Mi 610Mt 2,000Ft, 1 Mi = 2.640" , 1 cm = 240Mt


Fresh water storage
Fresh Water Line
Brine well
1000 Brine
1000 Brine
1000 Brine
1800 Brine
Fresh water
Chemical storage
Concrete loading area
Drain Line
washout Pit
Drying Pad
500 BL
catch tank for drainage from loading area and washout pit



Compiled by Alfred Clebsch, Jr., 1960, using data collected mainly by Alexander Nicholson, Jr., in 1953 and 1954.

EXPLANATION

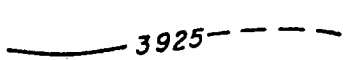
$\frac{150}{252}$ •

Water well

Upper figure is depth to water; lower figure is depth of well. Open circles are wells finished in Tertiary or Quaternary rocks; solid circles are wells finished in Triassic rocks

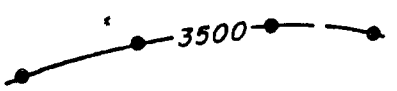
F = Flowing
R = Reported
P = Water level measured while pumping
D = Dry
? = Uncertainty as to aquifer
> = More than
< = Less than

(See tables 6 and 7 for detailed well data.)



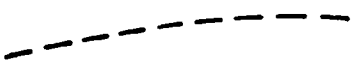
Water-table contour in Tertiary or Quaternary rocks

Dashed where inferred or uncertain. Contour interval 25 feet. Datum mean sea level



Water-table or piezometric contour on water body in Triassic aquifers

Dashed where inferred or uncertain. Contour interval 100 feet. Datum mean sea level



Approximate position of boundary between Triassic rocks and saturated Tertiary and Quaternary rocks

20'

103°10'

WEST TEXAS WATER WELL SERVICE

3432 W. University Blvd.
Odessa, Texas 79764

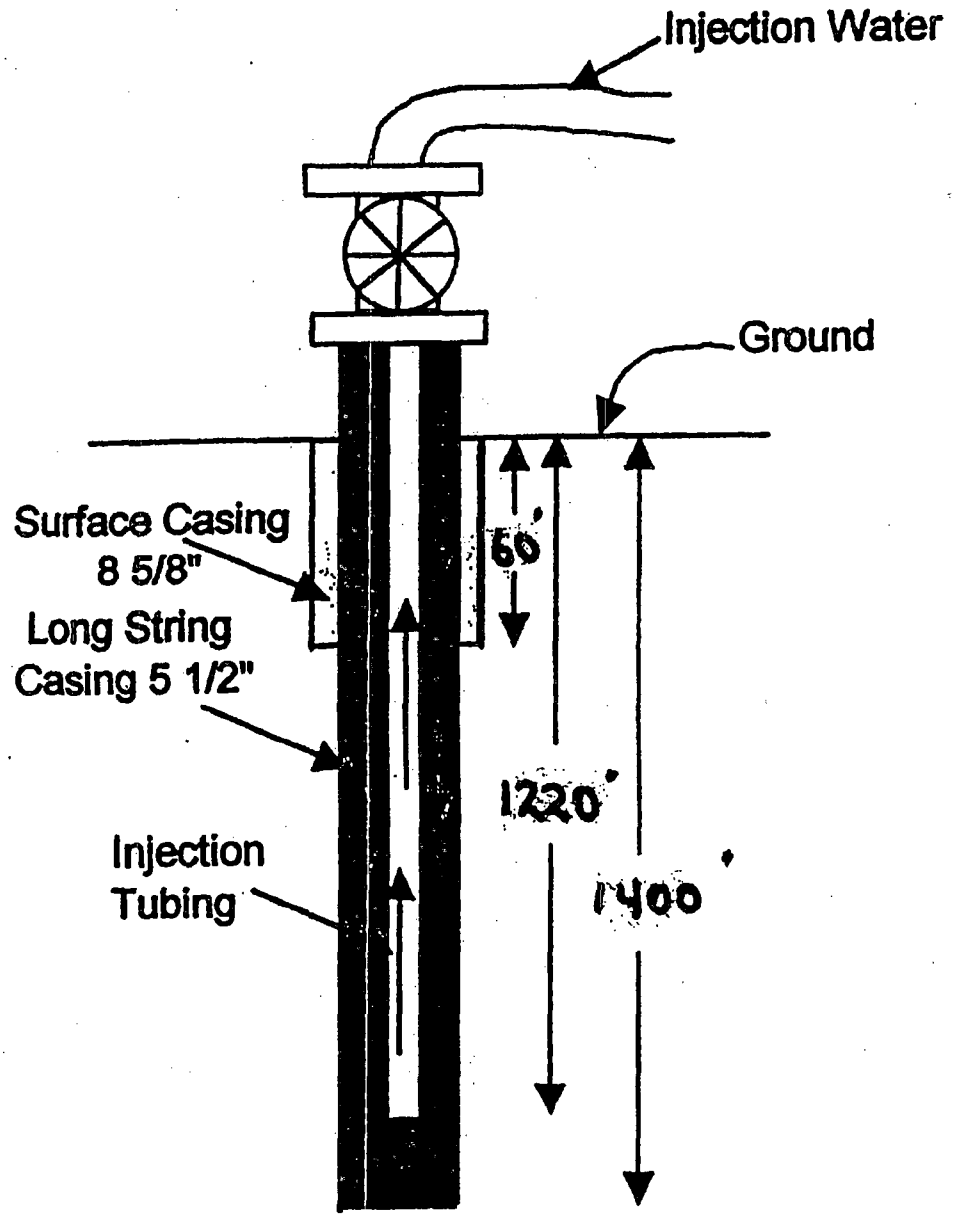
(915) 381-2687 Fax (915) 381-7853

XL Transportation
P.O. Drawer A
Jal, NM 88252

Salado #2

0 -	1	Topsoil
1 -	12	Broken caliche
12 -	15	Granite
15 -	40	Red sand
40 -	60	Gray & red shale
60 -	120	Red bed
120 -	130	Blue shale
130 -	137	Brown lime
137 -	145	Red & brown rock - hard
145 -	165	Gray shale
165 -	175	Red bed
175 -	205	Brown shale w/streaks of gray
205 -	325	Red bed
325 -	340	Brown lime, medium
340 -	355	Red sand & water
355 -	485	Hard red sandy shale
485 -	495	Red rock
495 -	525	Brown sand & water
525 -	580	Red bed
580 -	600	Red rock
600 -	675	Red bed
675 -	1025	Red rock & anhydrite
1025 -	1080	Gray lime
1080 -	1095	Anhydrite
1095 -	1125	Red sand
1125 -	1140	Gray lime
1140 -	1185	Salt & anhydrite
1185 -	1230	Blue shale
1230 -	1240	Anhydrite & potash, some salt
1240 -	140 --	Salt

Brine Well Schematic



CARDINAL LABORATORIES

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

ANALYTICAL RESULTS FOR
EDDIE SEAY CONSULTING
ATTN: EDDIE SEAY
601 W. ILLINOIS
HOBBS, NM 88242
FAX TO: (575) 392-6949

Receiving Date: 07/02/08
Reporting Date: 07/03/08
Project Owner: BASIC ENERGY
Project Name: BASIC ENERGY SALADO BRINE
Project Location: JAL, NM OFF OF 128

Sampling Date: 07/02/08
Sample Type: WATER
Sample Condition: INTACT
Sample Received By: ML
Analyzed By: HM/KS

LAB NUMBE SAMPLE ID	Na (mg/L)	Ca (mg/L)	Mg (mg/L)	K (mg/L)	Conductivity (μS/cm)	T-Alkalinity ($mgCaCO_3/L$)
ANALYSIS DATE:	07/02/08	07/02/08	07/02/08	07/02/08	07/02/08	07/02/08
H15093-1 SALADO FRESH #1	69	90	32	4.91	890	188
H15093-2 SALADO BRINE #2	120,000	1,190	1,920	872	412,000	96
Quality Control	NR	52.1	51.0	1.95	1,418	NR
True Value QC	NR	50.0	50.0	2.00	1,413	NR
% Recovery	NR	104	102	97.7	100	NR
Relative Percent Difference	NR	< 0.1	< 0.1	2.5	0.8	NR
METHODS:		SM3500-Ca-D	3500-Mg E	8049	120.1	310.1

	Cl (mg/L)	SO_4 (mg/L)	CO_3 (mg/L)	HCO_3 (mg/L)	pH (s.u.)	TDS (mg/L)
ANALYSIS DATE:	07/02/08	07/02/08	07/02/08	07/02/08	07/02/08	07/02/08
H15093-1 SALADO FRESH #1	60	232	0	229	7.68	693
H15093-2 SALADO BRINE #2	189,000	6,390	0	117	6.52	324,000
Quality Control	510	43.1	NR	1010	7.06	NR
True Value QC	500	40.0	NR	1000	7.00	NR
% Recovery	102	108	NR	101	101	NR
Relative Percent Difference	2.0	3.0	NR	2.5	0.6	NR
METHODS:	SM4500-Cl-B	375.4	310.1	310.1	150.1	160.1

Kristen Sanders
Chemist

07/03/08
Date

H15093 E. SEAY

CARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240
(575) 393-2326 Fax (575) 393-2476

Page____ of____

Company Name:	Eddie Seay Consulting	**BILL TO**	
Project Manager:	Eddie Seay	P.O. #:	
Address:	601 W Illinois	Company:	SAME
City:	Hobbs	State: NM Zip: 88242	Attn:
Phone #:	392.2236	Fax #: 392.6949	Address:
Project #:	Basic Energy	Project Owner: Basic	City:
Project Name:	Basic Energy Salado Brine		State: Zip:
Project Location:	Jal NM off of 128		Phone #:
Sampler Name:	Eddie Seay		Fax #:

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	ANALYSIS REQUEST: Cations	Anions
H15093-1	Salado Fresh #1	✓	1	✓							✓		7/2	7:15	✓	✓
-2	Salado Brine #2	✓	1		✓						✓		7/2	7:40	✓	✓

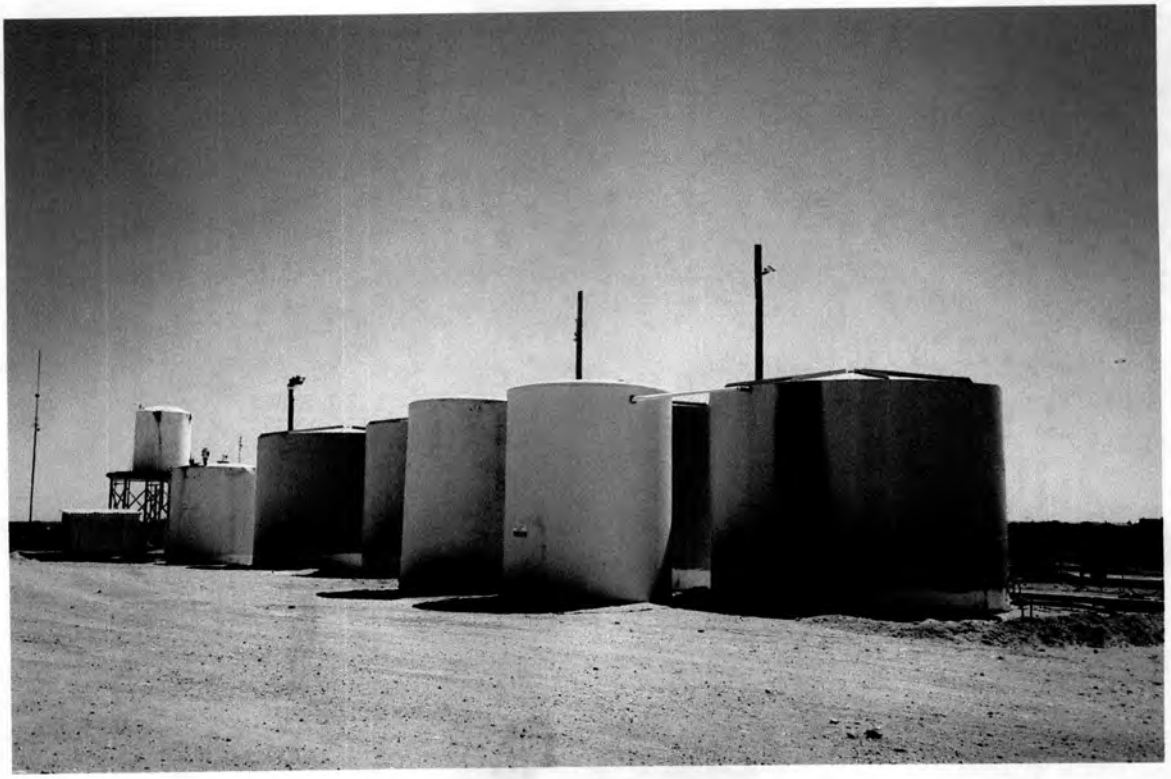
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

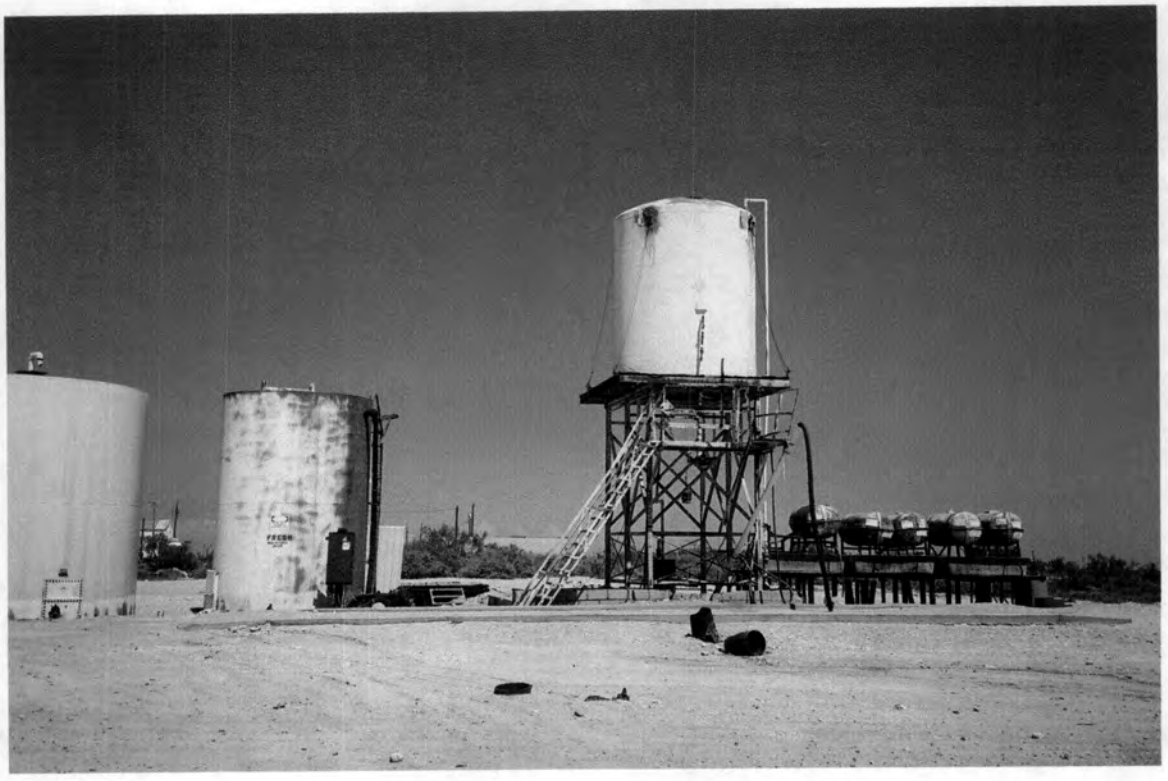
Terms and Conditions: Interest will be charged on all accounts more than 30 days past due at the rate of 24% per annum from the original date of invoice, and all costs of collections, including attorney's fees.

Sampler Relinquished: Eddie Seay	Date: 7/2	Received By: Misty LeBert	
	Time: 8:50		
Relinquished By:	Date:	Received By:	
	Time:		
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Temp.	Sample Condition: Cool ☐ Yes ☐ No; Intact ☑ Yes ☐ No	CHECKED BY: (Initials) MCB

Phone Result: ☐ No Add'l Phone #:
Fax Result: ☐ No Add'l Fax #:
REMARKS: DON'T MAIL! Call Eddie + he will pick up! ASAP Cell: 392-2236

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476.





PUBLIC NOTICE

Basic Energy Service, L.P., Mr. Steve Prather, P.O. Box 10460 Midland, Texas 79702, has applied for a renewal of its existing discharge permit, Salado BW-025, to the Energy, Minerals and Natural Resources Department, Oil Conservation Division. The facility is located in the NE 1/4 of the NE 1/4 of Section 20, Township 25 S., Range 37 E., Lea Co. Directions to the facility are: go East .5 miles out of Jal off of hwy 18 on hwy 128, turn right on dirt road, go .4 miles to facility. The facility produces and sells approximately 875 bbls of brine per day from an approved brine extraction well. Groundwater at this facility is found at approximately 400 ft. and has a chloride concentration that ranges from 100 ppm per liter to 190 ppm per liter and a total dissolved solids concentration that ranges from 500 milligrams per liter to 1500 milligrams per liter. The facility location is underlain by alluvial sediment and/or Quaternary Lake basins. The permit application addresses all phases of its operations.

Any interested person may obtain further information, submit comments or request to be placed on a facility-specific mailing list for future notices by contacting Carl Chavez at the New Mexico Energy, Minerals & Natural Resources Dept. Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, New Mexico 87505, E-mail carlj.chavez@state.nm.us, telephone (505)476-3491. The OCD will accept comments and statements of interest regarding the renewal and will create a facility-specific meeting list for persons who with to receive future notices.

NOTICE OF PUBLICATION

STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION

Notice is hereby given that pursuant to New Mexico Water Quality Control Commission Regulations (20.6.2.3106 NMAC), the following discharge permit application(s) has been submitted to the Director of the New Mexico Oil Conservation Division ("NMOCD"), 1220 S. Saint Francis Drive, Santa Fe, New Mexico 87505, Telephone (505) 476-3440:

(GW-397) DCP Midstream L.P., 370 17th Street, Suite 2500, Denver, Colorado 80202 has submitted a new discharge plan application for their Rambo Compressor Station located in NW/4 SE/4 of Section 9, Township 21 South, Range 27 East, NMPM, Eddy County. The facility provides natural gas compression for the locale gathering system. Approximately 210 bbls/month of produced water, 420 bbls of condensate, 550 gallons of wash water and 800 gallons/year of used oil are generated and stored in onsite. Groundwater most likely to be affected by a spill, leak or accidental discharge is at a depth of approximately 1090 feet, with a total dissolved solids concentration of approximately 76.9 mg/L.

(GW-049) Mr. Richard Duarte, Principle Environmental Representative, El Paso Natural Gas Company, 8725 Alameda Park Drive NE, Albuquerque, N.M., has submitted a renewal application for the previously approved discharge plan for their Blanco A compressor station, located in Section 11 & 14, Township 29 North, Range 11 West, NMPM, San Juan County. The facility compresses natural gas. Approximately 17000/gallons of engine oil, 908 gallons of inhibitors and 1000 gallons of gasoline are generated and stored in onsite. Groundwater most likely to be affected by a spill, leak or accidental discharge is at a depth of approximately 14 - 39 feet, with a total dissolved solids concentration of approximately 640 - 6700 mg/L.

(GW-021) Oxy USA WTP Limited Partnership, 5 Greenway Plaza, Houston TX 77046 has submitted a renewal application for the previously approved discharge plan for their Indian Basin Gas Plant, 329 Marathon Road, County road 401, Lakewood, N.M. located in the NE/4 Section 23, Township 21 South, Range 23 East, NMPM, Eddy County. The facility processes natural gas. Oxy acquired this facility from Marathon Oil in July, 2009. Approximately 200 bbls/day of produced water, 195 bbls/day of process effluents and 50 bbls/day of waste water are generated and stored in onsite. Groundwater most likely to be affected by a spill, leak or accidental discharge is at a depth of approximately 15 - 25feet, with a total dissolved solids concentration of approximately 380 - 5900 mg/L.

(BW-8) Salty Dog, Inc., PO Box 2724, Lubbock Texas 79408 has submitted an application for renewal of the discharge plan for their brine station located in Section 5, Township 19 South, Range 36 East, NMPM, Lea County, NM. Groundwater pumped from the regional aquifer is injected into the subsurface at a depth of approximately 1,871 feet thereby solution mining salt. The extracted brine has an approximate dissolved solids concentration of 350,000 mg/l. The brine is stored in above-ground tanks for use by the oil and gas industry. Groundwater most likely to be affected by a spill or leak is at a depth of approximately 70 feet with a total dissolved solids concentration of 400 mg/l. The plan addresses how spills and leaks will be managed in order to protect fresh water.

(BW-25) Basic Energy Services, LP , PO Box 10460, Midand, Texas 79702 has submitted an application for renewal of the discharge plan for the brine station located in Section 20, Township 25 South, Range 37 East, NMPM, Lea County, east of Jal, NM. Fresh water from the city is injected into the subsurface at a depth of approximately 1,100 feet thereby solution mining salt. The extracted brine has an approximate dissolved solids concentration of 350,000 mg/l. The brine is stored in above-ground tanks for use by the oil and gas industry. Groundwater most likely to be affected by a spill or leak is at a depth of approximately 40 feet with a total dissolved solids concentration of 875 mg/l. The plan addresses how spills and leaks will be managed in order to protect fresh water.

(BW-27) Mesquite SWD, Inc., PO Box 1479, Carlsbad, New Mexico 88221 has submitted an application for renewal of the discharge plan for the brine station located in Section 23, Township 22 South, Range 27 East, NMPM, Eddy County, east of Otis, NM. Fresh water is injected into the subsurface at a depth of approximately 1,064 feet thereby solution mining salt. The extracted brine has an approximate dissolved solids concentration of 350,000 mg/l. The brine is stored in above-ground tanks for use by the oil and gas industry. Groundwater most likely to be affected by a spill or leak is at a depth of approximately 50 feet with a total dissolved solids concentration of 4,000 mg/l. The plan addresses how spills and leaks will be managed in order to protect fresh water.

The NMOCD has determined that the application is administratively complete and has prepared a draft permit. The NMOCD will accept comments and statements of interest regarding this application and will create a facility-specific mailing list for persons who wish to receive future notices. Persons interested in obtaining further information, submitting comments or requesting to be on a facility-specific mailing list for future notices may contact the Environmental Bureau Chief of the Oil Conservation Division at the address given above. The administrative completeness determination and draft permit may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday through Friday, or may also be viewed at the NMOCD web site http://www.emnrd.state.nm.us/ocd/. Persons interested in obtaining a copy of the application and draft permit may contact the NMOCD at the address given above. Prior to ruling on any proposed discharge permit or major modification, the Director shall allow a period of at least thirty (30) days after the date of publication of this notice, during which interested persons may submit comments or request that NMOCD hold a public hearing. Requests for a public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Director determines that there is significant public interest.

If no public hearing is held, the Director will approve or disapprove the proposed permit based on information available, including all comments received. If a public hearing is held, the director will approve or disapprove the proposed permit based on information in the permit application and information submitted at the hearing.

Para obtener más información sobre esta solicitud en espan_ol, sirvase comunicarse por favor: New Mexico Energy, Minerals and Natural Resources Department (Depto. Del Energia, Minerals y Recursos Naturales de Nuevo México), Oil Conservation Division (Depto. Conservacio´n Del Petróleo), 1220 South St. Francis Drive, Santa Fe, New México (Contacto: Dorothy Phillips, 505-476-3461)

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 7th day of October 2009.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

SEAL
Mark Fesmire, Director

Legal#
Pub. October 13, 2009

Santa Fe New Mexican 10/13/09