Initial

Application

Part I

Received 8/9/21

RECEIVED: REVIEWER: APP NO: pBL2125654765 8/9/21

ABOVE THIS TABLE FOR OCD DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION Geological & Engineering Bureau



- Geological & Engin	eering Bureau –	
1220 South St. Francis Drive	, Santa Fe, NM 87505	
ADMINISTRATIVE APPL	ICATION CHECKLIST	
	E APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND	
Applicant: Tarco Energy, LC	OGRID Number: 279579	
Well Name: Brad State No. 6	API: 30-015-00719	
Pool: Empire Yates-Seven Rivers	Pool Code: 22230	
SUBMIT ACCURATE AND COMPLETE INFORMATION INDICATE		ON
1) TYPE OF APPLICATION: Check those which apply A. Location – Spacing Unit – Simultaneous Ded NSL NSP(PROJECT AREA)	_ 	5
B. Check one only for [1] or [1] [1] Commingling – Storage – Measurement DHC CTB PLC PC [11] Injection – Disposal – Pressure Increase WFX PMX SWD IPI 2) NOTIFICATION REQUIRED TO: Check those which A. Offset operators or lease holders B. Royalty, overriding royalty owners, rever C. Application requires published notice D. Notification and/or concurrent approval E. Notification and/or concurrent approval F. Surface owner G. For all of the above, proof of notification H. No notice required 3) CERTIFICATION: I hereby certify that the informat administrative approval is accurate and comple understand that no action will be taken on this a notifications are submitted to the Division. Note: Statement must be completed by an individe	OLS OLM e - Enhanced Oil Recovery EOR PPR FOR OCD ONI napply. Notice Comple Application Content Complete I by SLO I by BLM or publication is attached, and/or, tion submitted with this application for ete to the best of my knowledge. I also	
David Catanach	7/29/2021	
	Date	
Print or Type Name	(505) (00 0453	
David Catant	(505) 690-9453 Phone Number	-
Signature	catanach_david@comcast.net e-mail Address	

Energy, Minerals and Natural Resources Department Oil Conservation Division 1220 South St. Francis Drive Santa Fe, New Mexico 87505

Attention:

Ms. Adrienne Sandoval

Division Director

Re:

Form C-108

Brad State No. 6 API No. (30-015-00719)

990' FNL & 1980' FWL, Lot 3/Unit C

Section 2, T-18S, R-27E, NMPM,

Eddy County, New Mexico

Dear Ms. Sandoval,

By Order No. R-13680 dated February 14, 2013 the Oil Conservation Division approved the Tarco Energy, LC ("Tarco") Russell C Lease Pressure Maintenance Project authorizing injection into the Yates-Seven Rivers formation (Empire Yates-Seven Rivers Pool) within the Russell C Well No. 3 located in Unit O of Section 35, Township 17 South, Range 27 East, NMPM, Eddy County, New Mexico.

The Russell C Lease Pressure Maintenance Project currently comprises the following described acreage:

Township 17 South, Range 27 East, NMPM

Section 35: SE/4, NE/4 SW/4, SW/4 SW/4, SE/4 SW/4, and

Township 18 South, Range 27 East, NMPM

Section 2: NW/4 NE/4, NE/4 NW/4

By Administrative Order No. PMX-280 dated February 18, 2019 the Oil Conservation Division authorized Tarco to expand the Russell C Lease Pressure Maintenance Project by converting its Brad State No. 1, located in Lot 3/Unit C of Section 2, Township 18 South, Range 27 East, NMPM, Eddy County, New Mexico, to injection into the Empire Yates-Seven Rivers Pool through perforations from approximately 411'-451'.

Tarco respectfully requests authority to further expand its Russell C Lease Pressure Maintenance Project by re-entering and converting to injection the plugged and abandoned Riverwolf Unit Well No. 5 (API No. 30-015-00719) located 990 feet from the North line and 1980 feet from the West line (Lot 3/Unit C) of Section 2, Township 18 South, Range 27 East, NMPM, Eddy County, New Mexico. This well, to be redesignated the Brad State No. 6, was previously a producing well

Tarco Energy, LC Form C-108, PMX Expansion Brad State No. 6 July 29, 2021

in the Empire-Abo Pool, and was plugged and abandoned in 2008 by BP America Production Company. Tarco is seeking administrative approval to expand the Russell C Lease Pressure Maintenance Project in order to complete an efficient injection/production well pattern in this project, thereby increasing the ultimate recovery of oil from the Empire-Yates Seven Rivers Pool.

Enclosed please find a copy of Oil Conservation Division Form C-108 (Application for Authorization to Inject) for the Brad State No. 6.

I believe that all the information necessary to approve the application is enclosed. If additional information is needed, please contact me at (505) 690-9453.

Sincerely,

David Catanach (Agent)

David Catome

Tarco Energy, LC 3805 109th Street

Lubbock, Texas 79423

Xc:

OCD-Artesia

New Mexico State Land Office

Tarco Energy, LC Brad State No. 6 List of Attachments to C-108 Application

- 1. Division Orders No. R-13680 & PMX-280
- 2. Division Form C-108
- 3. Data Relative to C-108 Parts I, II, III, IV, V, VI, VII, VIII, IX, X, XI, XII, & XIII
- 4. Original C-102 for the Brad State No. 6 Dated July 1, 1959
- 5. Current C-102
- 6. Injection Well Data Sheet (Pages 1 & 2)
- 7. Wellbore Diagram-Brad State No. 6 Showing Current Configuration
- 8. Form C-103 Showing Plugging Detail for the Brad State No. 6 (Plugged 12/2008)
- 9. Wellbore Diagram-Brad State No. 6 Proposed Configuration
- 10. Map: Russell C Lease PMX Project Area & Injection & Production Well Pattern
- 11. Map: 1/2 Mile Area of Review: Brad State No. 6
- 12. Map: 2-Mile Radius Lease/Well: Brad State No. 6
- 13. List of AOR Wells Previously Submitted to the OCD
- 14. Supplemental AOR Well List (Well Data not Previously Provided to OCD)
- 15. AOR Wellbore Diagrams & C-103's Showing Plugging Detail
- 16. State Engineer Water Well Search Results (Pages 1-3)
- 17. C-108 Affirmative Statement
- 18. Offset Operator/Surface Owner Notification Letter
- 19. Map: ½-Mile Notice Area
- 20. Offset Operator Identification
- 21. Affidavit of Publication (Published on July 22, 2021)
- 22. Proof of Notice: Certified Mail Receipts

STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, New Mexico 87505 FORM C-108 Revised June 10, 2003

APPLICATION FOR AUTHORIZATION TO INJECT

I.	PURPOSE: Secondary Recovery X Pressure Maintenance Disposal Storage Application qualifies for administrative approval? X Yes No
II.	OPERATOR: Tarco Energy, LC (279579)
	ADDRESS: 3805 109th Street, Lubbock, Texas 79423
	CONTACT PARTY: <u>David Catanach (Agent)</u> PHONE: <u>(505) 690-9453</u>
Ш.	WELL DATA: Complete the data required on the reverse side of this form for each well proposed for injection. Additional sheets may be attached if necessary.
IV.	Is this an expansion of an existing project? X Yes No If yes, give the Division order number authorizing the project: R-13680 issued in Case No. 14931 on 2/14/2013
V.	Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.
VI.	Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.
VII.	Attach data on the proposed operation, including:
	 Proposed average and maximum daily rate and volume of fluids to be injected; Whether the system is open or closed; Proposed average and maximum injection pressure; Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and, If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).
*VIII.	Attach appropriate geologic data on the injection zone including appropriate lithologic detail, geologic name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such sources known to be immediately underlying the injection interval.
IX.	Describe the proposed stimulation program, if any.
*X.	Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resubmitted).
*XI.	Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.
XII.	Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water.
XIII.	Applicants must complete the "Proof of Notice" section on the reverse side of this form.
XIV.	Certification: I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.
	NAME: David Catanach TITLE: Agent for Tarco Energy, LC
	SIGNATURE: David Cotaul DATE: 07/29/2021
*	E-MAIL ADDRESS: catanach_david @comcast.net If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted. Please show the date and circumstances of the earlier submittal:Case No. 14931 heard by OCD on 11/29/2012; PMX Application dated

2/14/2014. PMX Application resulting in Order No. PMX-280 dated 2/18/2019.

DISTRIBUTION: Original and one copy to Santa Fe with one copy to the appropriate District Office

III. WELL DATA

- A. The following well data must be submitted for each injection well covered by this application. The data must be both in tabular and schematic form and shall include:
 - (1) Lease name; Well No.; Location by Section, Township and Range; and footage location within the section.
 - (2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.
 - (3) A description of the tubing to be used including its size, lining material, and setting depth.
 - (4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

Division District Offices have supplies of Well Data Sheets which may be used or which may be used as models for this purpose. Applicants for several identical wells may submit a "typical data sheet" rather than submitting the data for each well.

- B. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well.

 Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.
 - (1) The name of the injection formation and, if applicable, the field or pool name.
 - (2) The injection interval and whether it is perforated or open-hole.
 - (3) State if the well was drilled for injection or, if not, the original purpose of the well.
 - (4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.
 - (5) Give the depth to and the name of the next higher and next lower oil or gas zone in the area of the well, if any.

XIV. PROOF OF NOTICE

All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

Where an application is subject to administrative approval, a proof of publication must be submitted. Such proof shall consist of a copy of the legal advertisement which was published in the county in which the well is located. The contents of such advertisement must include:

- (1) The name, address, phone number, and contact party for the applicant;
- (2) The intended purpose of the injection well; with the exact location of single wells or the Section, Township, and Range location of multiple wells;
- (3) The formation name and depth with expected maximum injection rates and pressures; and,
- (4) A notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, New Mexico 87505, within 15 days.

NO ACTION WILL BE TAKEN ON THE APPLICATION UNTIL PROPER PROOF OF NOTICE HAS BEEN SUBMITTED.

NOTICE: Surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date this application was mailed to them.

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

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION DIVISION FOR THE PURPOSE OF CONSIDERING:

APPLICATION OF TARCO ENERGY, L.C. FOR APPROVAL OF A PRESSURE MAINTENANCE PROJECT IN THE YATES AND SEVEN RIVERS FORMATIONS, EDDY COUNTY, NEW MEXICO.

CASE NO. 14931 ORDER NO. R-13680

ORDER OF THE DIVISION

BY THE DIVISION:

This case came on for hearing at 8:15 a.m. on November 29, 2012, at Santa Fe, New Mexico, before Examiner Richard I. Ezeanyim.

Now, on this 14th day of February, 2013, the Division Director, having considered the testimony, the record and the recommendations of the Examiner,

FINDS THAT:

- (1) Due public notice has been given and the Division has jurisdiction of this case and its subject matter.
- (2) Tarco Energy, L.C. ("Tarco" or "Applicant"), seeks approval to institute a lease Pressure Maintenance Project into the Yates and Seven Rivers formations, Empire-Yates-Seven Rivers Pool (Code 22230) through its Russell C Well No. 3 (API No. 30-015-37783) located 990 feet from the South line and 2225 feet from the East line in Unit O of Section 35, Township 17 South, Range 27 East, NMPM, Eddy County, New Mexico.
- (3) Tarco submitted to the Division in October of 2012 an administrative application for salt water disposal. The Division directed Tarco to set the matter for hearing due to the presence of producing wells within one half mile of the proposed well in the proposed disposal interval. Applicant did not find water wells within one mile of the proposed well. Any possible fresh waters will be protected by surface casing and cement.

(4) The lease acreage consists of the following lands:

Township 17 South, Range 27 East, NMPM
Section 35: SE/4, NE/4 SW/4, SW/4 SW/4, SE/4 SW/4, and

Township 18 South, Range 27 East, NMPM

Section 2: NW/4 NE/4 and NE/4 NW/4

- (5) Applicant has indicated that the proposed well located in Unit O of Section 35 is the only well it intends to use for injection purposes at this time. Therefore, the approved Project Area would be the above described lands contained in Section 35, Township 17 South, Range 27 East, and Section 2, Township 18 South, Range 27 East, NMPM, Eddy County, New Mexico.
- (6) Within one half mile from the proposed injection well, there are 86 total wells drilled to this depth. Forty-nine of those are plugged and abandoned, and one is temporarily abandoned. All of these Area of Review wells are cased, cemented, and/or plugged to adequately isolate the intended injection interval within the Yates and Seven Rivers formations and to protect any underground fresh waters.
- (7) Notice was provided by Applicant in this case of its intent to inject. Applicant notified all "affected persons" as defined in Rule 19.15.26.7A. NMAC. The surface owner at the well site of Russell C Well No. 3 is the Bureau of Land Management which was notified. The State Land Office was also notified of this application. There were no objections to the proposed Pressure Maintenance project.
 - (8) No other parties appeared at the hearing to oppose this application.
- (9) Applicant (OGRID 279579) is the operator of this well located on the above described acreage. Applicant is now in compliance with Division Rule 19.15.5.9 NMAC and therefore eligible for approval of disposal and injection permits.
- (10) Water from outside the Russell C lease should not be injected into this well. The operator should monitor the oil and water production from the producing area of review wells and report these productions to the Division on a quarterly basis.
- (11) The proposed project should be called the Russell C Lease Pressure Maintenance Project. The Project Area to be affected by this Pressure Maintenance operation should consist of the lands described in Finding Paragraph (4), contained in Section 35, Township 17 South, Range 27 East, and Section 2, Township 18 South, Range 27 East, NMPM, Eddy County, New Mexico.
- (12) Applicant should be approved to inject into the Russell C Well No. 3 (API 30-015-37783) located in Unit O of Section 35, into the Yates and Seven Rivers formations from perforated depths of 418 feet to 460 feet.

IT IS THEREFORE ORDERED THAT:

- (1) The Applicant, Tarco Energy, L.C is hereby authorized to implement Lease Pressure Maintenance operations within the project area of its Russell C Lease by water injection into the Yates and Seven Rivers formations, Empire-Yates-Seven Rivers Pool (Code 22230).
- (2) The project shall be called the Russell C Lease Pressure Maintenance Project and the Project Area shall consist of the above described lands contained in Section 35, Township 17 South, Range 27 East, and Section 2, Township 18 South, Range 27 East, NMPM, Eddy County, New Mexico.
- (3) Injection is approved within the Russell C Well No. 3 (API No. 30-015-37783), located 990 feet from the South line and 2225 feet from the East line in Unit O of Section 35, Township 17 South, Range 27 East, NMPM, Eddy County, New Mexico. Injections shall be through perforations from a depth interval from 418 feet to 460 feet, and through lined tubing and a packer set no higher than 100 feet above the injection interval.
- (4) Water from outside the Russell C lease shall not be injected into this well. The operator shall monitor the oil and water production from the producing area of review wells and report these productions to the Division on a quarterly basis.
- (5) The operator shall take all steps necessary to ensure that the injected water enters only the permitted injection intervals and is not permitted to escape to other formations or onto the surface from injection, production, or plugged and abandoned wells.
- (6) The casing-tubing annulus shall be filled with an inert fluid, and a gauge or approved leak-detection device shall be attached to the annulus in order to detect any leakage in the casing, tubing or packer.
- (7) The injection well or pressurization system shall be equipped with a pressure control device or acceptable substitute that will limit the maximum surface injection pressure to 84 psi.
- (8) The Division Director may administratively authorize a pressure limitation in excess of the above, upon a showing by the operator, supported by approved Step Rate Tests that such higher pressure will not result in the fracturing of the injection formation or confining strata or damage to the reservoir.
- (9) In accordance with Division Rule 19.15.26.11A. NMAC, the operator shall test the approved injection well for mechanical integrity prior to commencing injection into that well and prior to resuming injection each time the packer is unseated. All MIT testing procedures and schedules shall follow the requirements in Division Rule

- 19.15.26.11A. NMAC. The Division Director retains the right to require at any time wire-line verification of completion and packer setting depths in this well.
- (10) The operator shall provide notice 72 hours in advance, to the supervisor of the Division's District II office of the date and time of the installation of injection equipment, and of any mechanical integrity test so that the same may be inspected and witnessed.
- (11) The operator shall provide written notice of the date of commencement of injection to the Division's District II office. In accordance with Division rules, the operator shall submit monthly reports of the injection operations on Division Form C-115.
- (12) Without limitation on the duties of the operator as provided in Division rules, or otherwise, the operator shall immediately notify the Division's District II office of any failure of the tubing, casing or packer in the well, or of any leakage or release of water, oil or gas from or around any producing or plugged and abandoned well in the area, and shall take such measures as may be timely and necessary to correct such failure or leakage.
- (13) The injection authority granted under this order is not transferable except upon Division approval. The Division may require the operator to demonstrate mechanical integrity of any injection well that will be transferred prior to approving transfer of authority to inject.
- (14) The Division may revoke this injection permit after notice and hearing if the operator is a violation of Rule 19.15.5.9 NMAC.
- (15) The injection authority granted herein shall terminate two years after the effective date of this order if the operator has not commenced injection operations into the permitted injection well, provided however, the Division, upon written request, mailed by the operator prior to the termination date, may grant an extension thereof for good cause.
- (16) One year after all injection into the project area has ceased (or not reported), the Division shall consider the project abandoned, and the authority to inject shall terminate ipso facto. The Division, upon written request mailed by the operator prior to that termination date, may grant an extension thereof for good cause.
- (17) Compliance with this order does not relieve the operator of the obligation to comply with other applicable State, local, or Federal rules, or to exercise due care for the protection of fresh water, public health and safety, and the environment.
- (18) Jurisdiction is retained by the Division for the entry of such further orders as may be necessary for the prevention of waste and/or protection of correlative rights or upon failure of the operator to conduct operations (1) to protect fresh or protectable

waters or (2) consistent with the requirements in this order, whereupon the Division may, after notice and hearing (or without prior notice and hearing in case of emergency), terminate the injection authority granted herein.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO OIL CONSERVATION DIVISION

JAMI BAILEY

Director

State of New Mexico Energy, Minerals and Natural Resources Department

Michelle Lujan Grisham Governor

Sarah Cottrell Propst Cabinet Secretary

Todd E. Leahy, JD, PhD Deputy Secretary Gabriel Wade, Acting Director Oil Conservation Division



Administrative Order PMX-280 February 18, 2019

ADMINISTRATIVE ORDER OF THE OIL CONSERVATION DIVISION

Under the provisions of Division Order R-13680, as amended, Tarco Energy, LC (OGRID No. 279579) has made application to the Division for permission to add an additional injection well to its Russell C Pressure Maintenance Project located within the Red Lake; Glorieta-Yeso, Northeast; Pool (96836) in Eddy County, New Mexico. This well, Brad State Well No. 1 is being proposed for injection of water within this project.

THE DIVISION DIRECTOR FINDS THAT:

The application has been duly filed under the provisions of 19.15.26.8B NMAC and may be approved administratively by the Division Director without notice and hearing, per Ordering Paragraph (1) of Division Order No. R-13680 dated February 14, 2013. The proposed well is eligible for conversion to injection under the terms of that rule and Ordering paragraph (1). The applicant has presented satisfactory evidence that all requirements prescribed in 19.15.26.8 NMAC have been met and the operator is in compliance with 19.15.5.9 NMAC.

The proposed expansion of the above-referenced pressure maintenance project, will prevent waste, is in the best interests of conservation, will not impair correlative rights, and should be approved.

IT IS THEREFORE ORDERED THAT:

Tarco Energy, LC, as operator, is hereby authorized to inject water into the following well for the purpose of secondary recovery through plastic-lined tubing set into a packer:

API Number	Well Name	Lot/ Unit	Sec	Twp	Rng	Footage F/S	Footage E/W	Injection Interval; Type of Interval
30-015- 40618	Brad State Well No. 1	3/C	2	185	27E	330` FNL	2300` FWL	411`-451``; perfs

The wellhead injection pressure on the well shall be limited to **no more than 82 psi.** In addition, the disposal well or system shall be equipped with a pressure limiting device in workable condition which shall, at all times, limit surface tubing pressure to the maximum allowable

Administrative Order PMX-280 Tarco Energy, LC February 18, 2019 Page 2 of 4

pressure for this well. The operator shall set the injection packer no more than 100 feet above the shallowest perforation for the permitted injection interval for the well in the application.

IT IS FURTHER ORDERED THAT:

The operator shall take all steps necessary to ensure that the injected fluid enters only the approved injection interval and is not permitted to escape to other formations or onto the surface.

After installing tubing, the casing-tubing annulus shall be loaded with an inert fluid and equipped with a pressure gauge or an approved leak detection device in order to determine leakage in the casing, tubing, or packer. The casing shall be pressure tested from the surface to the packer setting depth to assure casing integrity.

The well shall pass an initial mechanical integrity test ("MIT") prior to initially commencing injection and prior to resuming injection each time any injection packer is unseated. All MIT testing procedures and schedules shall follow the requirements in Rule 19.15.26.11A. NMAC. The Division Director retains the right to require at any time wireline verification of completion and packer setting depths in this well.

The wellhead injection pressure on this well shall be limited as listed above. In addition, the injection well or header system shall be equipped with a pressure limiting device in workable condition which shall, at all times, limit surface tubing pressures to the maximum allowable pressures for this well.

Subject to the limitations within the hearing order permitting this project, the Director of the Division may authorize an increase in tubing pressure upon a proper showing by the operator of said well that such higher pressure will not result in migration of the injected fluids from the approved injection interval. Such proper showing shall be demonstrated by sufficient evidence including but not limited to an acceptable Step-Rate Test.

The operator shall notify the supervisor of the Division's District II office of the date and time of the installation of injection equipment and of any MIT test so that the same may be inspected and witnessed. The operator shall provide written notice of the date of commencement of injection to the District I office. The operator shall submit monthly reports of the disposal operations on Division Form C-115, in accordance with Rules 19.15.26.13 and 19.15.7.24 NMAC.

Without limitation on the duties of the operator as provided in Rules 19.15.29 and 19.15.30 NMAC, or otherwise, the operator shall immediately notify the District II office of any failure of the tubing, casing or packer in the approved injection well, or of any leakage or release of water, oil or gas from around any produced or plugged and abandoned well in the area, and shall take such measures as may be timely and necessary to correct such failure or leakage.

The injection authority granted under this order is not transferable except upon division approval. The division may require the operator to demonstrate mechanical integrity of any injection well that will be transferred prior to approving transfer of authority to inject.

The division may revoke this injection permit after notice and hearing if the operator is in violation of 19.15.5.9 NMAC.

Compliance with this order does not relieve the operator of the obligation to comply with other applicable federal, state or local laws or rules, or to exercise due care for the protection of fresh water, public health and safety and the environment.

PROVIDED FURTHER THAT, jurisdiction is retained by the Division for the entry of such further orders as may be necessary for the prevention of waste and/or protection of correlative rights or upon failure of the operator to conduct operations (1) to protect fresh or protectable waters or (2) consistent with the requirements in this order, whereupon the Division may, after notice and hearing, terminate the disposal authority granted herein. The subject well shall be governed by all provisions of Division Order No. R-13680 and associated administrative orders.

The injection authority granted herein shall terminate one (1) year after the effective date of this order if the operator has not commenced injection operations into the subject well, provided however, the Division, upon written request by the operator received prior to the one-year deadline, may grant an extension thereof for good cause shown.

Gabriel Wade Acting Director

GW/mam

cc: New Mexico Oil Conservation Division – Artesia New Mexico State Land Office – Oil, Gas, and Minerals Well File – 30-015-40618

Case File 14931



New Mexico Office of the State Engineer Water Column/Average Depth to Water

(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) (NAD83 UTM in meters)

No records found.

PLSS Search:

Section(s): 34-36

Township: 17S

Range: 27F

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

4/7/21 9:25 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER



New Mexico Office of the State Engineer Water Column/Average Depth to Water

(quarters are I=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) (NAD83 UTM in meters)

No records found.

PLSS Search:

Section(s): 1-3

Township: 18S

Range: 27E

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

4/7/21 9:24 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is

closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD

RA

Code

QQQ Subbasin County 64 16 4 Sec Tws Rng

4 1 2 10 18S 27E

3625660*

X

569019

Water DepthWellDepthWater Column

130

50 feet

Minimum Depth:

Average Depth to Water:

50 feet

Maximum Depth:

50 feet

Record Count: 1

POD Number

RA 03917

PLSS Search:

Section(s): 10-12

Township: 18S

Range: 27E

*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

4/7/21 9:20 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER

Form C-108 Affirmative Statement Tarco Energy, LC Brad State No. 6 Section 2, T-18 South, R-27 East, NMPM, Eddy County, New Mexico

Available geologic and engineering data has been examined and no evidence of open faults or hydrological connection between the injection zone and any underground sources of drinking water has been found.

David Catanach

Agent for Tarco Energy, LC

<u>M/29/21</u> Date

NEW MEXICO OIL CONSERVATION COMMISSION JUL 2

Well Location and Acreage Dedication Plat

ction A.		*		Date	July 1, 1959	
erator	lling Co., inc. & 1	Le	a se	State "AB"		E MUDIC
11 No. 5	Unit Letter C	Section &		ship 18 S Feet From	Range 27	E NMPM Line
unty Eddy	Feet From G. L.	Flevation 358	Den	icated Acre		Acres
	ng Formation			1 Empire		
Is the Oper	ator the only ow	ner* in the de				low?
Yes ×	No	•				
	er to question o					
	d by communitiza		or otherwise	7 Yes	No If an	swer is
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(See instructions for completing this form on the reverse side)

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3460 Fax: (505) 476-3462

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 August 1, 2011 Submit one copy to appropriate District Office

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name		
30-015-00719	22230	Empire Yates-Seven Rivers		
Property Code	Property I	Name Well Number		
39400	Brad St	ate 006		
OGRID No.	Operator I	Name Elevation		
279579	Tarco Ener	gy, LC 3585		

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Lot 3/Unit C	2	18 South	27 East		990'	North	1980'	West	Eddy

Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acre N/A	s Joint	or Infill	Consolidate	Code	Order No. Order No. R-13680 authorized pressure maintenance operations within the Russell C Lease Pressure Maintenance Project				

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

1980'	990'	2	OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottomhole 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 heretofor entered by the Division. Date David Catanach (Agent) Printed Name catanach_david@comcast.net E-mail Address
			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 correct to the best of my belief. Date of Survey
			Signature and Seal of Professional Surveyor: Certificate Number

INJECTION WELL DATA SHEET

OPERATOR: Tarco	Energy, LC					
WELL NAME & NUMBER:_	Brad State No. 6	(API No. 30	0-015-00719)			•
WELL LOCATION:			C	2	18 South	27 East
	FOOTAGE LOCATION		UNIT LETTER	SECTION	TOWNSHIP	RANGE
WELLBORE	<u>SCHEMATIC</u>		<u>WE</u>	ELL CONSTRU	CTION DATA	
				Surface/Produ	uction Casing	¥)
See Attached	Wellbore Schematics		Hole Size: 11"		Casing Size: 8 5/8	3" @ 963'
			Cemented with:	425 Sx.	or	ft ³
			Top of Cement:	Surface M	lethod Determined	: Circulate
				Production	Casing	
			Hole Size: <u>7 7/8"</u>	<u>, </u>	Casing Size: 5 ½'	<u>' @ 5,764'</u>
			Cement with:	300 Sx.	or	ft ³
			Top of Cement:	4,164' Met	thod Determined: C	Calculated
	Total Depth:	5,765'	PBTD:	550'	_	

Injection Interval

Perforated Interval: 430'-550' (Perforated)

INJECTION WELL DATA SHEET

Tubin	g Size: 2 3/8" Lining Material: Internally Plastic Coated
Туре	of Packer:Baker Tension Type
Packe	er Setting Depth: 330' or within 100' of the uppermost injection perforations
Other	Type of Tubing/Casing Seal (if applicable):None
	Additional Data
1.	Is this a new well drilled for injection: Yes X No
	If no, for what purpose was the well originally drilled: Producing well in the Empire-Abo Pool
2.	Name of the Injection Formation: Yates-Seven Rivers
3.	Name of Field or Pool (if applicable): Empire Yates-Seven Rivers Pool (22230)
4.	Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used.
	Empire-Abo Pool perforations: 5,627'-5,731' (Squeezed); 5,500'-5,530' (Squeezed w/100 Sx.); 5,253'-5,443' (Isolated w/CIBP @ 5,200' + 25 Sx. Cement Plug.
5.	Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:
	Red Lake Queen-Grayburg-San Andres Pool (1,800'); Northeast Red Lake Glorieta-Yeso Pool (4,000'); Empire-Abo Pool (6,200'); Logan Draw-Wolfcamp Pool (6,700'); Scoggin Draw-Atoka Gas Pool (9,380'); Scoggin Draw-Morrow Gas Pool (9,494')

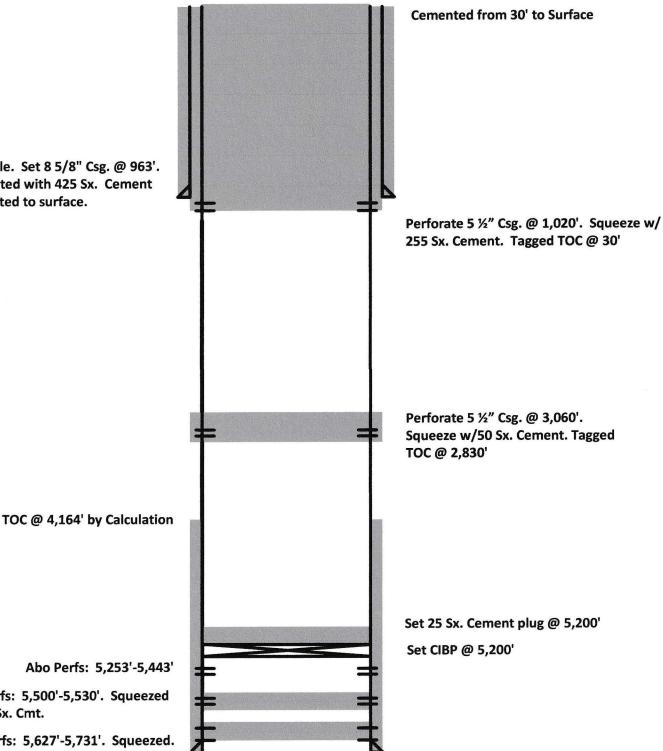
Brad State No. 6: Current Configuration

BP America Production Company Riverwolf Unit No. 5 (API No. 30-015-00719) 990' FNL & 1980' FWL (Unit C) Section 2, T-18S, R-27E, NMPM, Eddy County, NM

Well Drilled: 7/1959 Well PA'd: 12/2008

Cemented from 30' to Surface

11" Hole. Set 8 5/8" Csg. @ 963'. Cemented with 425 Sx. Cement Circulated to surface.



Abo Perfs: 5,253'-5,443'

Abo Perfs: 5,500'-5,530'. Squeezed

w/100 Sx. Cmt.

Abo Perfs: 5,627'-5,731'. Squeezed.

7 7/8" Hole. Set 5 ½" Csg. @5,764'. Cemented with 300 sx. TOC @ 4,164' by calculation.

T.D. 5,765'

Set 25 Sx. Cement plug @ 5,200' Set CIBP @ 5,200'

Submit 3 Copies To Appropriate District Office Energy, Minerals and Natural Resources	Form C-103 May 27, 2004
District I 1625 N French Dr , Hobbs, NM 87240	WELL API NO.
District II 1301 W Grand Ave , Artesia, NM 88210 OIL CONSERVATION DIVISION	30-015-00719 5. Indicate Type of Lease
District III 1220 South St. Francis Dr.	STATE X FEE
District IV	6. State Oil & Gas Lease No.
1220 S St Francis Dr , Santa Fe, NM 87505	2029-63
SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	7. Lease Name or Unit Agreement Name: Riverwolf Unit
1. Type of Well: Oil Well Gas Well Other 2. Name of Operator	8. Well Number 5
Oil Well X Gas Well Other 2. Name of Operator BP America Production Company OCD-ARTESIA	9. OGRID Number 00778
3. Address of Operator	10. Pool name or Wildcat
P.O. Box 1089 Eunice, NM 88231 4. Well Location	Empire Abo
Unit Letter C: 990 feet from the N line and	1980 feet from the W line
Section 2 Township 18S Range 27E	NMPM County Eddy
3585' GR	
Pit or Below-grade Tank Application or Closure	
Pit type Depth to Groundwater Distance from nearest fresh water well Dist	
Pit Liner Thickness: mil Below-Grade Tank: Volumebbls; Construction	n Material
	Report, or Other Data SEQUENT REPORT OF: ALTERING CASING
NOTICE OF INTENTION TO: SUBS	SEQUENT REPORT OF: ALTERING CASING NG OPNS. PLUG AND
NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WORK	SEQUENT REPORT OF: ALTERING CASING
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NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK PLUG AND ABANDON COMMENCE DRILLING TEMPORARILY ABANDON CHANGE PLANS COMMENCE DRILLING PULL OR ALTER CASING MULTIPLE COMPLETION CEMENT JOB OTHER: OTHER: OTHER: OTHER: OTHER: 13. Describe proposed or completed operations. (Clearly state all pertinent details, and give of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach or recompletion. 12/12/08: RU PU. NIPPLE UP BOP, BOTTOM RUBBER WAS WORE OUT HAD TROUBLE 12/15/08: POH WITH TUBING AND LAYDOWN 172 JOINTS AND SEAT NIPPLE. TALLI WORK STRING. PICKUP 175 JOINT OF TUBING AND BIT AND SCRAPER DOWN TO 53 IN WITH CIBP. 12/16/08: RIH WITH TUBING AND SET CIBP AT 5200. TIGHT SPOT AT 3680. LO NO LEAK TEST GOOD. WAIT ON MUD. Continued on page 2.	ALTERING CASING ALTERING CASING ALTERING CASING ALTERING CASING ALTERING CASING ALTERING CASING ALTERING AND ABANDONMENT Pertinent dates, including estimated date wellbore diagram of proposed completion E GETTING IT OUT OF THE WELL HEAD. LY PIPE AND GET READY TO PICKUP BOO. POH WITH TUBING AND START DAD AND TEST TO 500 PSI FOR 1 HR
NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WORK TEMPORARILY ABANDON CHANGE PLANS COMMENCE DRILLING PULL OR ALTER CASING MULTIPLE COMPLETION CEMENT JOB OTHER: OTHER: OTHER: OTHER: 13. Describe proposed or completed operations. (Clearly state all pertinent details, and give of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach or recompletion. 12/12/08: RU PU. NIPPLE UP BOP, BOTTOM RUBBER WAS WORE OUT HAD TROUBLE 12/15/08: POH WITH TUBING AND LAYDOWN 172 JOINTS AND SEAT NIPPLE. TALL WORK STRING. PICKUP 175 JOINT OF TUBING AND BIT AND SCRAPER DOWN TO 50 IN WITH CIBP. 12/16/08: RIH WITH TUBING AND SET CIBP AT 5200. TIGHT SPOT AT 3680. LOND LEAK TEST GOOD. WAIT ON MUD.	ALTERING CASING ALTERING AND ABANDONMENT Pertinent dates, including estimated date wellbore diagram of proposed completion E. GETTING IT OUT OF THE WELL HEAD. LY PIPE AND GET READY TO PICKUP BOO. POH WITH TUBING AND START DAD AND TEST TO 500 PSI FOR 1 HR and belief. I further certify that any pit or below-
NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK PLUG AND ABANDON COMMENCE DRILLING TEMPORARILY ABANDON CHANGE PLANS COMMENCE DRILLING PULL OR ALTER CASING MULTIPLE COMPLETION CEMENT JOB OTHER: OTHER: OTHER: OTHER: OTHER: 13. Describe proposed or completed operations. (Clearly state all pertinent details, and give of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach or recompletion. 12/12/08: RU PU. NIPPLE UP BOP, BOTTOM RUBBER WAS WORE OUT HAD TROUBLE 12/15/08: POH WITH TUBING AND LAYDOWN 172 JOINTS AND SEAT NIPPLE. TALLI WORK STRING. PICKUP 175 JOINT OF TUBING AND BIT AND SCRAPER DOWN TO 53. IN WITH CIBP. 12/16/08: RIH WITH TUBING AND SET CIBP AT 5200. TIGHT SPOT AT 3680. LO NO LEAK TEST GOOD. WAIT ON MUD. Continued on page 2. Thereby certify that the information above is true and complete to the best of my knowledge	ALTERING CASING ALTERING ALTERING ALTERING AND ALTERING AND START COAD AND TEST TO 500 PSI FOR 1 HR and belief. I further certify that any pit or beloward and alternative OCD-approved plan and cattached) alternative OCD-approved plan
NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WORK TEMPORARILY ABANDON CHANGE PLANS COMMENCE DRILLIN PULL OR ALTER CASING MULTIPLE CASING TEST AND CEMENT JOB OTHER: OTHER: 13. Describe proposed or completed operations. (Clearly state all pertinent details, and give of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach or recompletion. 12/12/08: RU PU. NIPPLE UP BOP, BOTTOM RUBBER WAS WORE OUT HAD TROUBLE 12/15/08: POH WITH TUBING AND LAYDOWN 172 JOINTS AND SEAT NIPPLE. TALL WORK STRING. PICKUP 175 JOINT OF TUBING AND BIT AND SCRAPER DOWN TO 50 IN WITH CIBP. 12/16/08: RIH WITH TUBING AND SET CIBP AT 5200. TIGHT SPOT AT 3680. LO NO LEAK TEST GOOD. WAIT ON MUD. Continued on page 2. I hereby certify that the information above is true and complete to the best of my knowledge grade tank has been/yill be constructed or closed according to NMOCD guidelines , a general permit SIGNATURE TITLE Area Operation E-mail address: Type or print name Barry C. Price	ALTERING CASING ABANDONMENT PLUG AND ABANDONMENT Pertinent dates, including estimated date wellbore diagram of proposed completion EGETTING IT OUT OF THE WELL HEAD. Y PIPE AND GET READY TO PICKUP BOO. POH WITH TUBING AND START DAD AND TEST TO 500 PSI FOR 1 HR and belief. I further certify that any pit or below— or an (attached) alternative OCD-approved plan bons Team Lead DATE 12/23/08 barry.price@bp.com Telephone No. 575-394-1648
NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WORK TEMPORARILY ABANDON CHANGE PLANS COMMENCE DRILLIN PULL OR ALTER CASING MULTIPLE CASING TEST AND CEMENT JOB OTHER: OTHER: OTHER: OTHER: OTHER: OTHER: 13. Describe proposed or completed operations. (Clearly state all pertinent details, and give of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach or recompletion. 12/12/08: RU PU. NIPPLE UP BOP. BOTTOM RUBBER WAS WORE OUT HAD TROUBLE 12/15/08: POH WITH TUBING AND LAYDOWN 172 JOINTS AND SEAT NIPPLE. TALL WORK STRING. PICKUP 175 JOINT OF TUBING AND BIT AND SCRAPER DOWN TO 50 IN WITH CIBP. 12/16/08: RIH WITH TUBING AND SET CIBP AT 5200. TIGHT SPOT AT 3680. LO NO LEAK TEST GOOD. WAIT ON MUD. Continued on page 2. Thereby certify that the information above is true and complete to the best of my knowledge grade tank has been be constructed or closed according to NMOCD guidelines a general permit SIGNATURE TITLE Area Operation TITLE Area Operation TITLE Area Operation SIGNATURE SIGNATU	DEQUENT REPORT OF: ALTERING CASING NG OPNS. PLUG AND ABANDONMENT Pertinent dates, including estimated date wellbore diagram of proposed completion E GETTING IT OUT OF THE WELL HEAD. AY PIPE AND GET READY TO PICKUP 300. POH WITH TUBING AND START DAD AND TEST TO 500 PSI FOR 1 HR and belief. I further certify that any pit or below— ons Team Lead DATE 12/23/08 barry.price@bp.com Telephone No. 575-394-1648 Tog of well bore only. Light of well bore only.
NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WORK TEMPORARILY ABANDON CHANGE PLANS COMMENCE DRILLING PULL OR ALTER CASING MULTIPLE CASING TEST AND CEMENT JOB OTHER: OTHER: OTHER: OTHER: OTHER: 13. Describe proposed or completed operations. (Clearly state all pertinent details, and give of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach or recompletion. 12/12/08: RU PU. NIPPLE UP BOP, BOTTOM RUBBER WAS WORE OUT HAD TROUBLE 12/15/08: POH WITH TUBING AND LAYDOWN 172 JOINTS AND SEAT NIPPLE. TALL WORK STRING. PICKUP 175 JOINT OF TUBING AND BIT AND SCRAPER DOWN TO 5: IN WITH CIBP. 12/16/08: RIH WITH TUBING AND SET CIBP AT 5200. TIGHT SPOT AT 3680. LO NO LEAK TEST GOOD. WAIT ON MUD. Continued on page 2. I hereby certify that the information above is true and complete to the best of my knowledge grade tank has been with be constructed or closed according to NMOCD guidelines , a general permit E-mail address: Type or print name Barry C. Price ACCEPTED TO TECOTO Approved for plugging to NMOCD State Use Only Approved for	DEQUENT REPORT OF: ALTERING CASING NG OPNS. PLUG AND ABANDONMENT Pertinent dates, including estimated date wellbore diagram of proposed completion EGETTING IT OUT OF THE WELL HEAD. Y PIPE AND GET READY TO PICKUP 300. POH WITH TUBING AND START DAD AND TEST TO 500 PSI FOR 1 HR and belief. I further certify that any pit or below— ons Team Lead DATE DATE 12/23/08 barry.price@bp.com Telephone No. 575-394-1648 Ing of well bore only. Instructioned pending receipt Int Report of Well Plugging) Int OCD Web Page undorATE 12/23/08

Form C-103 Riverwolf Unit #5 30-015-00719 Continued from Page 1

12/17/08: SPOT 25 SX PLUG ON CIBP AT 5200, POH AND LAYDOWN 10 JOINTS. CIRC WELL WITH 140 BBLS OF 9.5 # MUD. POH WITH 70 JOINT OF TUBING, LAYDOWN. STAND BACK 2600', LAYDOWN SETTING TOOL. JSA NIPPLE DOWN STRIPPER HEAD AND RIGUP WIRELINE. RIH WITH PERF GUN WITH 4 SHOTS TO 3060 AND PERF CASING. POH WITH WIRELINE AND NIPPLE DOWN WIRELINE PRESSURE EQUIPMENT AND NIPPLE UP STRIPPER HEAD. PICKUP PACKER AND RIH WITH TUBING.

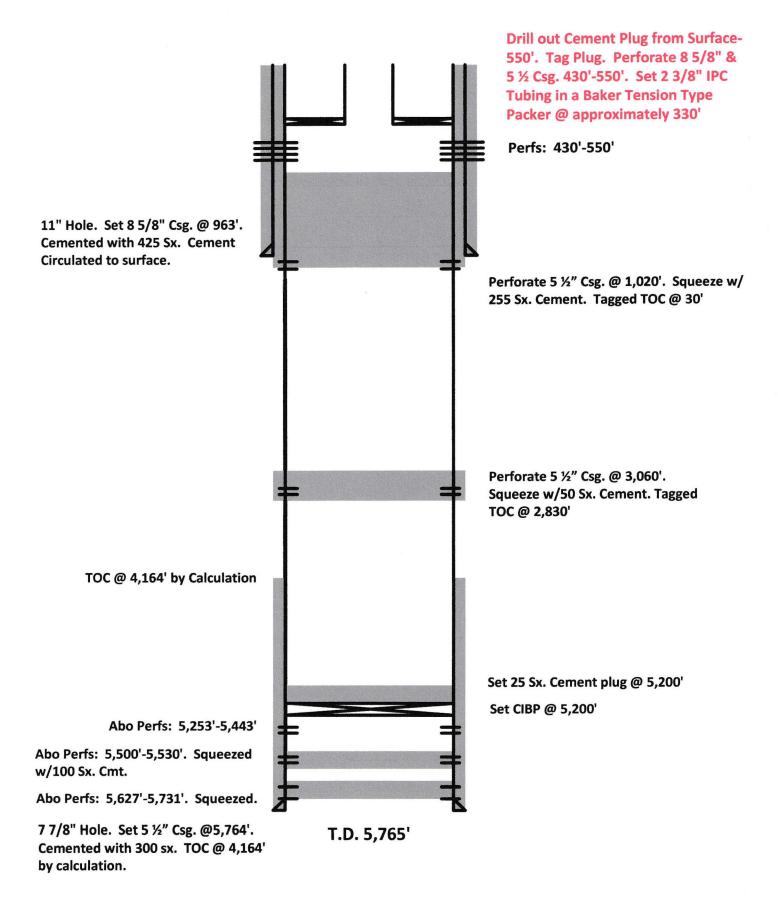
12/18/08: RIH WITH PACKER AND SET AT 2591' TEST BACK SIDE TO 500# GOOD TEST. SQUEEZE WELL WITH 50 SX CEMENT DISPLACE WITH 16 BBL BRINE, MAX PSI 1900 SHUT IN 500#. RIG DOWN CEMENT TRUCK. WOC.

12/19/08: HAD 320 PSI ON CASING AND 20 ON TUBING. RELEASE PACKER AND POH WITH TUBING AND LAYDOWN PACKER. RIH WITH TUBING AND TAG UP AT 2830. POH WITH TUBING AND LAYDOWN ALL JOINTS. RIGUP WIRE LINE TRUCK AND RIH TO 1020 AND PERF CASING WITH 4 SHOOTS. POH WITH WIRELINE AND RIGDOWN. RIGUP PUMP AND CIRC WELL WITH 20 BBLS. RIG DOWN FLOOR AND NIPPLE DOWN BOP AND NIPPLE UP FLANGE TO PUMP CEMENT. PUMP 255 SXS OF CEMENT AND CLEAN UP AROUND WELL.

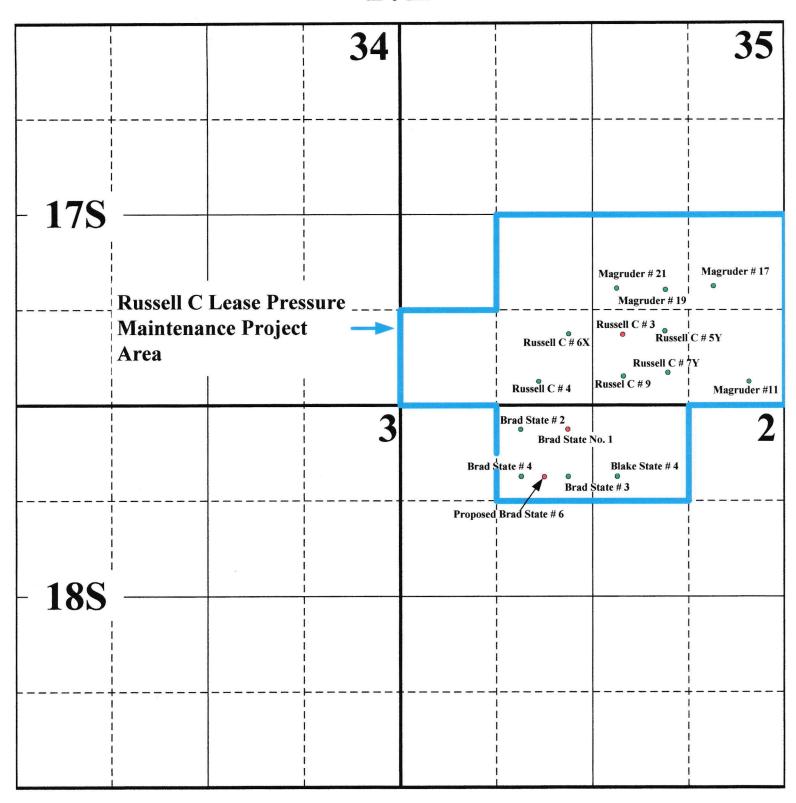
12/22/08: PICKUP 1 JOINT AND TAG CEMENT 30' DOWN LAYDOWN JOINT. WELL WAS TOPPED OFF WITH CEMENT TO SURFACE. RIG DOWN PULLING UNIT. WELL P&A'D.

12/23/08: DIG OUT AND CUT OFF WELLHEAD, WELD IN PLATE, 1" NIPPLE & VALVE, DRY HOLE MARKER, DIG OUT AND CUT OFF ALL ANCHORS, BACK FILL AND LEVEL LOCATION.

Brad State No. 6: Proposed Configuration



27E



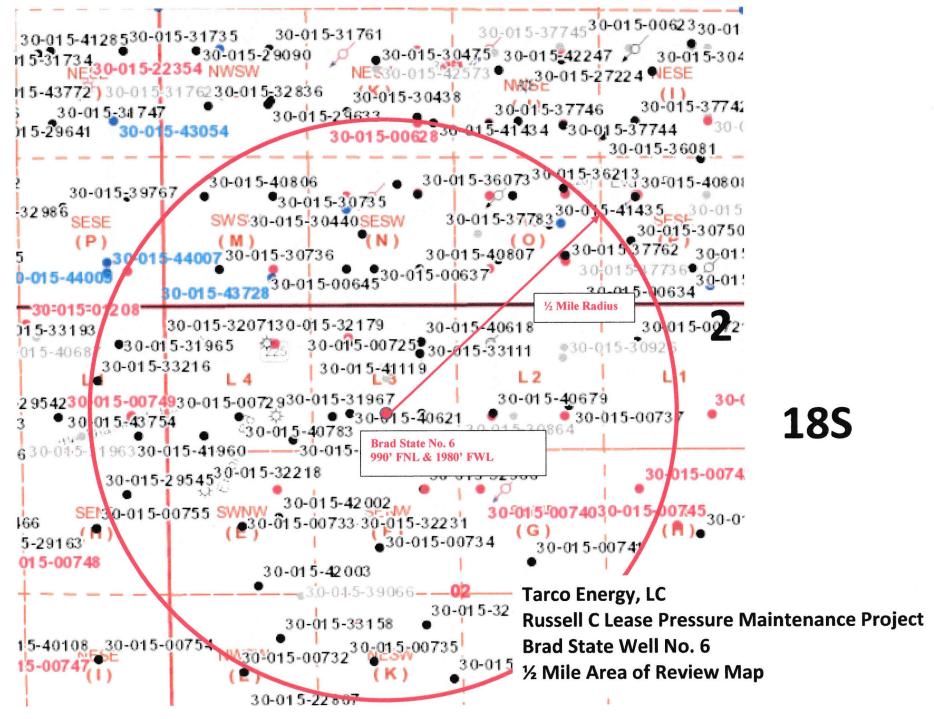
Tarco Energy, LC

PMX Application: Brad State No. 6 Injection/Production Well Pattern

Existing or Proposed Injection Well

Existing Producing Well

27E



	030-015 29630	●30-015-30181 10-015-47053 30-015-31193 ³ 0-015-40	30-015-39763 2 30-015	
Find address or place	Q 95428% 80-015-29940 50-015-01236	30-015-47053 30-015-31193 30-015-0058530-015	30-015-32 92730-015-39132 200519 30-015-39405 30-015-38 30-015-38 30-015-39466 30-015-39466	30-015-4023030-0 9412 ₃₀₋₀₁₅₋₄₂₅₇₀ itesia
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30-015-34316 30-015-291	30-015-23015 30-015-33261	30-015-33	36-045-00690	0-015-00689
103 130 015 30301	30-015-41226 30-015-41217 30-015-33535	(30-015-41751) 30-015-35	6. 30-015-39628 30-015-36	30-015-2488 730-013-01637 0-30-015-0266630-015-01635 2 30-0
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5-30203 30-015-3035 30	15-29/1130-015-2959330-015-3326230i0J5-41218 290/1 30-015-2909430-015-4121630-015-4402 107 30-015-23015 30-015-33261 30-015-41226 30-015-41287 15-30047 ₃ 0-015-41217 30-015-33535 30-015-30046 30-015-42522 30-015-41446 30-015-3383230-015-42640 30-015-41215 30-015-3383230-015-42640 30-015-32495 30-015-29597 30-015-29643/0-015-32842 0-015-29597 30-015-29643/0-015-32842 0-015-30134 30-015-29543/30-015-00751/30-015-30482 30-015-30134 30-015-30452 30-015-30134 30-015-30152 30-015-30134 30-015-30153 30-015-30134 30-015-30153 30-015-30134 30-015-30155 30-015-30134 30-015-30155 30-015-30134 30-015-30155 30-015-30134 30-015-30155 30-015-30134 30-015-30155 30-015-30134 30-015-30155 30-015-30134 30-015-30155 30-015-30134 30-015-30155 30-015-30134 30-015-30155 30-015-30135 30-015-30155 30-015-30135 30-015-30155 30-015-3015-30468	32986 30-015-36213	30-015-39322 30-015-39325	30-015-1011830-015-27592
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015-20094vn ats 2020c	30-015-33355 30-015-29052	0-015-41,96030-0-5-41961 30,015-3086	30-015-2071030-015-42026	30-015-22012 30-015-2154:
30-015-29978 30-045-231	30-015-29050 30-015-30151 30-015-41466	30-015-00755 30-015-32231 30-015	30-015-33 30-015-42036	473 30-015-10107 30-015-31
30-015-29983	0-015-29030 30-015-30135 30-	015-00733304015-42003	30-015 34071 30-015-42549	B115940004 30-015-21746 30-015
30-015-2906730-015-41718	30-015-29546	30-01 5-00732 30-015-00735	30-015-42338 30-015-42361 _30-015-34576 30-01	5-27163 •30-015-02623 •30-015-0
-42875 30-015-30150-0-01 30-015-31631 30	015-44017 30-015-30474 30-015-0076030-015-01210	30-015-22807 OG 30-015-00	716 3.0-015-42360 30-015-00696	015-00697
28444 30-015-41439 30	30-015-30442 30-0 015-28564 30-015-0075320-015-00756	30-015-2282430-015-22952 30-015-2	30-015-3499830-015-26575	0-01 5-00 699 30-01 5-02 61 0 30-015-2
015-28781 30-015-43778 O	30-015-30415 ₃₀₋₀₁ 5-29575	30-015-00757	3455530-015-42339	30-01.5-02.627 0 01.5 31 088 30-01 5-06250
(a) (b) 5.222.8230-015-2747330-015	28286 ₃ 0-015-30474 30-015-0076030-015-01210 015-44017 30-015-30442 30-0 15-28564 30-015-0076330-015-00756 30-015-30419 ₃₀₋₀₁₅₋₂ 3575 -2.709 30-015-35936 ₃₀₋₀₁₅₋₄₃₇₅₅ 30-015-43933 -28385 ³⁰⁻⁰¹⁵⁻⁴³²⁷⁸ 30-015-432384 30-015-20847 30-015-23384	0-015-21555 3 0-015-22659 3 0-015-22013 -0-015- 3 0-015-20664	00871301015120535	OG0103 86307015
0-015-00819	30-015-03847 30-015-23384 015-00333 30-015-29480 00:015-23384	30-015-22659 30-015-22013 30-015-00864 085330-015-22556 30-015-00868	30-01 0-085-27838 A	5-26404 30-015-25997 30-015
30-015-28733 0082230-015-42344	30-015-2 357 30-015-29156 30-015-00	085330-015-00855 30-015-00868		30-015-24879
⁶ 30-015-28471 ₃₀₋₀₁₅₋₂₉₀₉₇ 30-0	30-015-23397 115-432163 \0.05230141	0854 *30-015-20665		200015
20-015-28943	30-015-2903	30-015-00866		30-015-31319 30-015-02629 30- 30-015-02636
30-015-42835	30-015-29516 \$0.015-20304 0-015-00835 30-015-00844 30-015-00851	30-015-0087	030.015.27727 12 30-015-09874	30-015-25361
30-015-28277 068; 30-015-29049 20-015-0	084130-015-29484 (0:015-29572) 084130-015-29484		30-015-25201 30-0	
-015-35031 -30-015-00824		0-01 5-32 55630-015-2 48 57	15-2564930-015-2554830-015-06171	30-015-20066 30-015-0263
-015-29 20-015-0	0839	30.0	315,008,713.0-015-251.003.0-015-25202	70.015-00875 30-015-2527130-015 ri, HERE, Garmin, INCREMENT P. USG
Tarco Energy, LLC		Land Man	agement, rexas ranks & vviighte, Es	TO THE CONTRACT OF THE PARTY OF

Tarco Energy, LLC
Russell C Lease Pressure Maintenance Project
Brad State No. 6
2-Mile Radius Lease/Well Map

Form C-108; Brad State No. 6: Tarco Energy, LC
List of Area of Review Wells Whose Construction & Plugging Data were Prevously Submitted to OCD

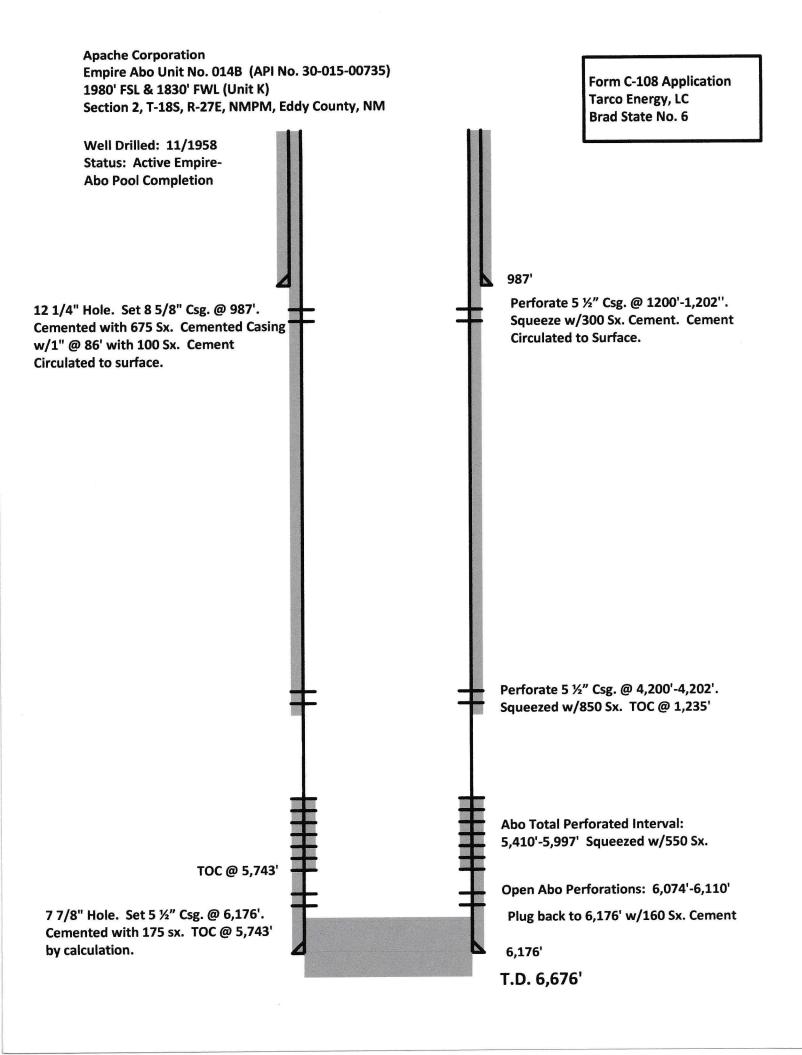
API	Well Name	Well Number	Туре	Status	Section	Township	Range	OCD Unit Letter	Plugged On	Current Operator		
30-015-21358	RIVERWOLF UNIT	#011	Injection	Plugged, Site Released	35	175	27E	N	5/3/2002	[778] BP AMERICA PRODUCTION COMPANY		
30-015-00633	RIVERWOLF UNIT	#014	Oil	Plugged, Site Released	35	175	27E	M	1/12/2009	[778] BP AMERICA PRODUCTION COMPANY		
30-015-00643	SOUTH RED LAKE II UNIT	#026	Oil	Plugged, Site Released	35	175	27E	0	9/17/2008	[241598] FAIRWAY RESOURCES OPERATING, LLC		
30-015-01222	SOUTH RED LAKE II UNIT	#030	Oil	Plugged, Site Released	35	175	27E	0	2/21/2009	[241598] FAIRWAY RESOURCES OPERATING, LLC		
30-015-00644	SOUTH RED LAKE II UNIT	#031	Oil	Plugged, Site Released	35	175	27E	N	1/19/2007	[241598] FAIRWAY RESOURCES OPERATING, LLC		
30-015-00642	RUSSELL C	#005	Oil	Plugged, Site Released	35	175	27E	0	2/15/1977	[37594] JOE L TARVER		
30-015-30439	LOGAN 35 B FEDERAL	#007	Oil	Active	35	175	27E	N		[330211] Redwood Operating, LLC		
30-015-30440	LOGAN 35 B FEDERAL	#008	Oil	Active	35	175	27E	N		[330211] Redwood Operating, LLC		
30-015-30409	LOGAN 35 B FEDERAL	#009	Oil	Active	35	175	27E	0		[330211] Redwood Operating, LLC		
30-015-30735	LOGAN 35 FEDERAL	#013	Oil	Active	35	175	27E	М		[330211] Redwood Operating, LLC		
30-015-30736	LOGAN 35 FEDERAL	#014	Oil	Active	35	175	27E	М		[330211] Redwood Operating, LLC		
30-015-40806	LOGAN 35 M FEDERAL	#016	Oil	Active	35	175	27E	М		[330211] Redwood Operating, LLC		
30-015-43728	LOGAN 35 M FEDERAL	#021	Oil	New	35	175	27E	М		[330211] Redwood Operating, LLC		
30-015-41435	LOGAN 35 O FEDERAL	#010	Oil	Active	35	175	27E	0		[330211] Redwood Operating, LLC		
30-015-43252	LOGAN 35 O FEDERAL	#022	Oil	Cancelled APD	35	17S	27E	0		[330211] Redwood Operating, LLC		
30-015-40807	LOGAN B 35 N FEDERAL	#018	Oil	Active	35	175	27E	N		[330211] Redwood Operating, LLC		
30-015-43066	LOGAN B 35 N FEDERAL	#024	Oil	New	35	175	27E	N		[330211] Redwood Operating, LLC		
30-015-00640	PRE-ONGARD WELL	#008	Oil	Plugged, Site Released	35	17S	27E	0		[214263] PRE-ONGARD WELL OPERATOR		
30-015-20105	PRE-ONGARD WELL	#042	Oil	Plugged, Site Released	35	175	27E	N	2/12/1988	[214263] PRE-ONGARD WELL OPERATOR		
30-015-00645	SOUTH RED LAKE II UNIT	#032	Oil	Active	35	175	27E	N		[370922] REMNANT OIL OPERATING, LLC		
30-015-37783	RUSSELL C	#003	Injection	Active	35	175	27E	0		[279579] TARCO ENERGY, LC		
30-015-00637	RUSSELL C	#004	Oil	Active	35	175	27E	N		[279579] TARCO ENERGY, LC		
30-015-36213	RUSSELL C	#005Y	Oil	Active	35	175	27E	0		[279579] TARCO ENERGY, LC		
30-015-00638	RUSSELL C	#006	Oil	Plugged, Site Released	35	175	27E	N	2/21/2009	[279579] TARCO ENERGY, LC		
30-015-36073	RUSSELL C	#006X	Oil	Active	35	175	27E	N		[279579] TARCO ENERGY, LC		
30-015-00641	RUSSELL C	#007	Oil	Plugged, Site Released	35	175	27E	0	3/15/2011	[279579] TARCO ENERGY, LC		
30-015-37762	RUSSELL C	#007Y	Oil	Active	35	175	27E	0		[279579] TARCO ENERGY, LC		
30-015-00639	RUSSELL C	#009	Oil	Active	35	175	27E	0	······	[279579] TARCO ENERGY, LC		
30-015-32899	BM STATE	#001	Oil	Active	2	185	27E	K		[873] APACHE CORPORATION		
30-015-31967	BPO STATE COM	#001	Gas	Active	2	185	27E	4		[873] APACHE CORPORATION		
30-015-00729	EMPIRE ABO UNIT	#013A	Oil	Active	2	185	27E	D		[873] APACHE CORPORATION		
30-015-00733	EMPIRE ABO UNIT	#013C	Oil	Active	2	185	27E	E		[873] APACHE CORPORATION		
30-015-00734	EMPIRE ABO UNIT	#014A	Oil	Active	2	185	27E	F		[873] APACHE CORPORATION		
30-015-00741	EMPIRE ABO UNIT	#015B	Oil	Active	2	185	27E	G		[873] APACHE CORPORATION		
30-015-39009	EMPIRE ABO UNIT	#415	Oil	Plugged, Site Released	2	185	27E	G	3/20/2015	[873] APACHE CORPORATION		
30-015-32071	MJ STATE	#001	Gas	Active	2	185	27E	4		[873] APACHE CORPORATION		
30-015-32179	MJ STATE	#002	Gas	Active	2	185	27E	D		[873] APACHE CORPORATION		
30-015-41960	MJ STATE	#003	Oil	Active	2	185	27E	D		[873] APACHE CORPORATION		
30-015-41961	MJ STATE	#004	Oil	Active	2	185	27E	D		[873] APACHE CORPORATION		
30-015-32218	SB STATE	#001	Gas	Active	2	185	27E	E		[873] APACHE CORPORATION		
30-015-42002	SB STATE	#002	Oil	Active	2	185	27E	E		[873] APACHE CORPORATION		
30-015-32231	TDF STATE	#001	Gas	Active	2	185	27E	F		[873] APACHE CORPORATION		
30-015-32900	TDF STATE	#002	Oil	Active	2	185	27E	F		[873] APACHE CORPORATION		

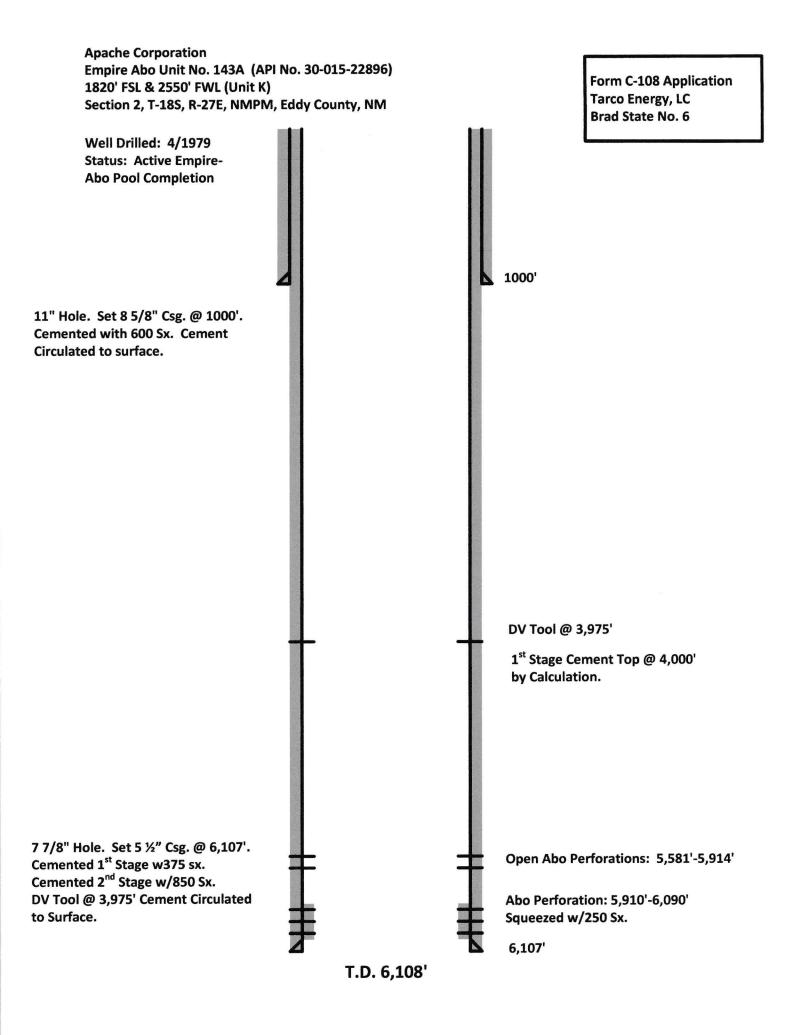
Form C-108: Tarco Energy, LC:
List of Area of Review Wells Whose Construction & Plugging Data were Prevously Submitted to OCD

API	Well Name	Well Number	Туре	Status	Section	Township	Range	OCD Unit Letter	Plugged On	Current Operator			
30-015-00720	RIVERWOLF UNIT	#004	Oil	Plugged, Site Released	2	185	27E	В	12/4/2008	[778] BP AMERICA PRODUCTION COMPANY			
30-015-00719	RIVERWOLF UNIT	#005	Oil	Plugged, Site Released	2	185	27E	С	12/23/2008	[778] BP AMERICA PRODUCTION COMPANY			
30-015-30406	LOGAN 2 STATE	#002	Oil	Active	2	185	27E	С		[330211] Redwood Operating, LLC			
30-015-33111	LOGAN 2C STATE	#003	Oil	Active	2	185	27E	С		[330211] Redwood Operating, LLC			
30-015-40783	LOGAN 2C STATE	#004	Oil	Active	2	185	27E	С		[330211] Redwood Operating, LLC			
30-015-41119	LOGAN 2C STATE	#005	Oil	Active	2	185	27E	С		[330211] Redwood Operating, LLC			
30-015-00739	PRE-ONGARD WELL	#001	Oil	Plugged, Site Released	2	185	27E	E		[214263] PRE-ONGARD WELL OPERATOR			
30-015-10623	PRE-ONGARD WELL	#001	Oil	Plugged, Site Released	2	185	27E	D	5/11/1948	[214263] PRE-ONGARD WELL OPERATOR			
30-015-00728	PRE-ONGARD WELL	#001	Oil	Plugged, Site Released	2	185	27E	F	6/14/1988	[214263] PRE-ONGARD WELL OPERATOR			
30-015-00718	PRE-ONGARD WELL	#002	Oil	Plugged, Site Released	2	185	27E	В	4/9/1942	[214263] PRE-ONGARD WELL OPERATOR			
30-015-00738	PRE-ONGARD WELL	#002	Oil	Plugged, Site Released	2	185	27E	В	2/15/1977	[214263] PRE-ONGARD WELL OPERATOR			
30-015-00736	PRE-ONGARD WELL	#004	Oil	Plugged, Site Released	2	185	27E	С	2/17/1977	[214263] PRE-ONGARD WELL OPERATOR			
30-015-01213	PRE-ONGARD WELL	#033	Oil	Plugged, Site Released	2	185	27E	С	1/14/1993	[214263] PRE-ONGARD WELL OPERATOR			
30-015-00742	PRE-ONGARD WELL	#039	Oil	Plugged, Site Released	2	185	27E	Н	11/9/1990	[214263] PRE-ONGARD WELL OPERATOR			
30-015-00725	SOUTH RED LAKE II UNIT	#034	Oil	Active	2	185	27E	С		[370922] REMNANT OIL OPERATING, LLC			
30-015-01211	SOUTH RED LAKE II UNIT	#035	Injection	Active	2	185	27E	В		[370922] REMNANT OIL OPERATING, LLC			
30-015-00721	SOUTH RED LAKE II UNIT	#036	Oil	Active	2	185	27E	A		[370922] REMNANT OIL OPERATING, LLC			
30-015-00737	SOUTH RED LAKE II UNIT	#038	Oil	Active	2	185	27E	В		[370922] REMNANT OIL OPERATING, LLC			
30-015-40679	BLAKE STATE	#004	Oil	Active	2	185	27E	В		[279579] TARCO ENERGY, LC			
30-015-40618	BRAD STATE	#001	Oil	Active	2	185	27E	С		[279579] TARCO ENERGY, LC			
30-015-40619	BRAD STATE	#002	Oil	Active	2	185	27E	С		[279579] TARCO ENERGY, LC			
30-015-40620	BRAD STATE	#003	Oil	Active	2	185	27E	С		[279579] TARCO ENERGY, LC			
30-015-40621	BRAD STATE	#004	Oil	Active	2	185	27E	С		[279579] TARCO ENERGY, LC			
30-015-00759	MALCO	#001	Oil	Plugged, Site Released	3	185	27E	A	9/16/2003	[785] AMTEX ENERGY INC			

TARCO ENERGY, LC FORM C-108: BRAD STATE NO. 6 SUPPLEMENTAL AREA OF REVIEW WELL LIST

API NUMBER	OPERATOR	LEASE NAME	WELL NO.	WELL	STATUS	FTG. N/S		TG. E	E/W U	NIT SI	EC. TS	SHP. RN			OTAL I		CSG. SIZE		SX. CMT.	CMT. TOP	MTD.	HOLE SIZE	CSG. SIZE	SET AT	SX. CMT.	CMT. TOP	MTD.	COMPLETION	REMARKS
30-015-00735	Apache Corporation	Empire Abo Unit	14B	Oil	Active	1980'	S	1830'	w	К	2 1	88 27	E Nov-	58 6	5,676' 1	12 1/4"	8 5/8"	987'	775	Surface	Circ.	7 7/8"	5 1/2"	6176'	175 *1150	Surface	Circ.	6,074'-6,110' Empire-Abo Completion	*5 1/2" Squeezed with 1150 Sx. from 5,436' to Surface. Cmt. Circ. to Surface.
30-015-22896	Apache Corporation	Empire Abo Unit	143A	Oil	Active	1820'	S 2	2550'	w	К	2 1	8S 27	'E Apr-	79 6	3,108'	11"	8 5/8"	1000'	600	Surface	Circ.	7 7/8"	5 1/2"	6,107'	1225	Surface	Circ.	5,581'-5,914' Empire-Abo Completion	2-Stage Cement Job. DV Tool @ 3,975' 1st-375 Sx. 2nd-850 Sx.
30-015-33158	Apache Corporation	NMBP State	1	Oil	Active	2185	S	990'	w	L	2 1	8S 2	E Jun-	04 3	3,950' 1	12 1/4"	8 5/8"	364'	600	Surface	Circ.	7 7/8"	5 1/2"	3,939'	850	Surface	Circ.	2,039'-2,956' 3,196'-3,604'	DHC Completion: Red Lake Qn-Gb-SA & NE Red Lake Glorieta-Yeso Pools
0-015-30389	Devon Energy Prod. Co. L.P.	Logan 2 State	1	N/A	N/A	500'	N :	2310'	w	С	2 1	8S 2	Æ.	Ca	ancelled	APD.	Well Ne	ver Dril	led										
30-015-30864	Devon Energy Prod. Co. L.P.	Logan 2 State	4	N/A	N/A	990'	N :	2110'	E	В	2 1	8S 2	Æ.	Ca	ancelled	APD.	Well Ne	ver Dril	led										
30-015-00743	Malco Refineries, Inc.	State E	1	Oil	PA	2310'	S	1650	W	J	2 1	18S 2	E Mar-	44	442'	8 5/8"	5 3/16"	395'	25										Well PA'd. See Attached Schematic
30-015-00726	Malco Refineries, Inc.	Hudson B State	1	Oil	PA	2310'	S	990'	w	L	2 '	185 2	7E Sep-	43 2	2,337'	10"	7"	435'	125	Surface	Calc.							395'-425'	Empire Yates-Seven Rivers Pool Well PA'd. See Attached Schematic
30-015-30926	Redwood Operating, LLC	Logan 2 State	3	N/A	N/A	474'	N	1650'	E	В	2 '	18S 2	7E	C	ancelled	APD.	Well Ne	ver Dril	led										
30-015-31965	Amtex Energy, Inc.	Malco A	5	Oil	Active	330'	N	420'	E	A	3 '	188 2	7E Apr	03 2	2,629' 1	12 1/4"	8 5/8"	362'	200	Surface	Circ.	7 7/8"	5 1/2"	2,629'	560	Surface	Circ.	1982'-2,320'	Red Lake Qn-Gb-SA Pool Completion
30-015-00749	Apache Corporation	Empire Abo Unit	12A	Oil	PA	982'	N	330'	E	A	3	185 2	7E Oct-	59 5	5,661'	11"	8 5/8"	1496'	700	Surface	Circ.	7 7/8"	4 1/2"	5661'	850	1968'	Well File	5,412'-5,630'	Empire-Abo Completion. Well PA'd. See Attached Schematic
30-015-43754	Redwood Operating, LLC	Falcon 3A Federal	40	Oil	Active	1175'	N	250'	E	A	3 .	18S 2	7E Feb	18 4	4,882'	12 1/4"	8 5/8"	350'	350	Surface	Circ.	7 7/8"	5 1/2"	4,860'	900	Surface	Circ.	3,200'-4,721'	NE Red Lake Glorieta-Yeso Pool
30-015-29545	Redwood Operating, LLC	Falcon 3H Federal	10	OII	Active	1687	N	376'	E	н	3 .	185 2	7E Jul-	97 2	2,793'	12 1/4"	8 5/8"	1176'	600	Surface	Circ.	7 7/8"	5 1/2"	2,793'	525	Surface	Circ.	1,681'-2,486'	Red Lake Qn-Gb-SA Pool Completion





Apache Corporation NMBP State No. 1 (API No. 30-015-33158) 2185' FSL & 990' FWL (Unit L) Section 2, T-18S, R-27E, NMPM, Eddy County, NM

Well Drilled: 6/2004 Status: Active Red Lake Qn-Gb-SA & Northeast Red Lake Glorieta-Yeso Pools Completion.

12 1/4" Hole. Set 8 5/8" Csg. @ 364'. Cemented with 300 Sx. Cement Casing w/1" @ 128' w/300 Sx. Cement Circulated to surface.

7 7/8" Hole. Set 5 ½" Csg. @ 3,939'. Cemented 1st Stage w 200 sx. Cemented 2nd Stage w/650 Sx. Unknown DV Tool Depth. Cement Circulated to Surface.

Form C-108 Application Tarco Energy, LC Brad State No. 6

364'

1st Stage Cemented w/200 Sx. Well file indicates cement circulated to DV Tool. 2nd Stage Cemented w/650 Sx. Well file indicates cement circulated to surface.

Queen-Grayburg-San Andres Perforations: 2,039'-2,956'

Glorieta-Yeso Perforations: 3,196'-3,604'

3,939'

Amtex Energy, Inc. Malco A No. 5 (API No. 30-015-31965) Form C-108 Application 330' FNL & 420' FEL (Unit A) Tarco Energy, LC Section 3, T-18S, R-27E, NMPM, Eddy County, NM **Brad State No. 6** Well Drilled: 4/2003 **Status: Active Red Lake Qn-Gb-Sa Pool** Completion. 362' 12 1/4" Hole. Set 8 5/8" Csg. @ 362'. Cemented with 200 Sx. Cement Circulated to surface. **Queen-Grayburg-San Andres** Perforations: 1,982'-2,320' 7 7/8" Hole. Set 5 ½" Csg. @ 2,629'. Cemented w/560 Sx. Cement. Cement Circulated to Surface. 2,629'

T.D. 2,629'

Redwood Operating, LLC Falcon 3A Federal No. 40 (API No. 30-015-43754) Form C-108 Application 1175' FNL & 250' FEL (Unit A) Tarco Energy, LC Section 3, T-18S, R-27E, NMPM, Eddy County, NM **Brad State No. 6** Well Drilled: 2/2018 Status: Active **Northeast Red Lake Glorieta-Yeso Pool** Completion. 350' 12 1/4" Hole. Set 8 5/8" Csg. @ 350'. Cemented with 350 Sx. Cement Circulated to surface. **Glorieta-Yeso Perforations:**

7 7/8" Hole. Set 5 ½" Csg. @ 4,860'. Cemented w/900 Sx. Cement. Cement Circulated to Surface.

4,860'

3,200'-4,721'

T.D. 4,882'

Redwood Operating, LLC Falcon 3H Federal No. 10 (API No. 30-015-29545) Form C-108 Application 1687' FNL & 376' FEL (Unit H) Tarco Energy, LC Section 3, T-18S, R-27E, NMPM, Eddy County, NM **Brad State No. 6** Well Drilled: 7/1997 **Status: Active Red Lake Qn-Gb-SA Pool** Completion. 12 1/4" Hole. Set 8 5/8" Csg. @ 1176'. Cemented with 600 Sx. Cement Circulated to surface. 1176' Queen-Grayburg-San Andres Perforations: 1,681'-2,486' 7 7/8" Hole. Set 5 1/2" Csg. @ 2,793'. Cemented w/525 Sx. Cement. Cement Circulated to Surface. 2,793'

T.D. 2,793'

Malco Refineries, Inc.
State E No. 1 (API No. 30-015-00743)
2310' FSL & 1650' FWL (Unit K)
Section 2, T-18S, R-27E, NMPM, Eddy County, NM

Form C-108 Application Tarco Energy, LC Brad State No. 6

Drilled 8 5/8" hole to a total depth of 442'. Set 5 3/16" Csg. @ 395'. Cemented with 25 Sx. TOC @ 357' by calculation.

TOC @ 357' by calculation

T,D, 442'

Well Drilled: 3/1944 Well PA'd: 5/1948

PA'd 1980. Cut & pulled 5 3/16" casing from 0-300'. Filled hole with mud to surface & set regulation marker in cement

Set cement plug from 395'-442'

OIL CONSERVATION COMMISSION

FEB 10 1949

Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELLS

Oli Cons. Comm.

Name

Title

TESIA REPRESENTATIVE

Sumbit this report in triplicate to the Oil Conservation Commission or its proper agent within ten days after the work specified is completed. It should be signed and sworn to before a notary public for reports on beginning drilling operations, results of shooting well, results of test of casing shut off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. Reports on minor operations need not be signed and sworn to before a notary public. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below. REPORT ON BEGINNING DRILLING OPERA-REPORT ON REPAIRING WELL TIONS REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL REPORT ON PULLING OR OTHERWISE ALTERING CASING REPORT ON RESULT OF TEST OF CASING REPORT ON DEEPENING WELL SHUT-OFF REPORT ON RESULT OF PLUGGING OF WELL June New Mexico Artesia, Date Place OIL CONSERVATION COMMISSION. SANTA FE, NEW MEXICO. Following is a report on the work done and the results obtained under the heading noted above at the. B-8914 Malco Refineries, Inc. Well No. Company or Operator Lease 18-South of Sec. 27-3ast , N. M. P. M., Field, . County. May 17. 1948. The dates of this work were as follows: Notice of intention to do the work was (was submitted on Form C-102 on May 10, 1948. and approval of the proposed plan was (warred) obtained. (Cross out incorrect words.) DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED We ran coment plug from 442 to 395, knocked off 7" casing and recovered 300°. Filled hole with mad to top and set regulation marker in cement. Work was done by Ackerman Well Service. Bill Budson Operator Witnessed by. Name Company Title I hereby swear or affirm that the information given above Subscribed and sworn before me this. is true and correct June Name day of Position Operator for a Madson, C Notary Public Representing Company or Operator Artesia Hotel Bldg., Artesia, B. . My commission expires. Address Remarks:

Malco Refineries, Inc. Hudson B State No. 1 (API No. 30-015-00726) 2310' FSL & 990' FWL (Unit L) Section 2, T-18S, R-27E, NMPM, Eddy County, NM

Form C-108 Application Tarco Energy, LC Brad State No. 6

Well Drilled: 9/1943 Well PA'd: 8/1980

PA'd 1980. Dumped 3.5 yds. Redi-Mix from 0'-435' Inside 7" casing.

Perforations: 395'-425'

7" Csg.set @ 435'. Cemented with 125 Sx. TOC @ Surface by Calculation

Set 5 Sx. Cement plug @ 450'

Filled hole with mud to 450'

Set 5 Sx. Cement plug @ 715'

T.D. 2,337'

Well drilled with a 10" hole to a Total Depth of 2,337'. Well record indicates well was plugged back with mud to a depth 715'

STATE OF NEW MEXIC			· ·	
ENERGY AND AMNURALS DEPA		IL CONSERVA	TION DIVISION	
OLTAISUTION SANTA FE		P. O. BO SANTA FE, NEW	112021120	Form C-103 Revised 10-1-78
U.S.G.S.			AUG 25 1980	Sa. Indicate Type of Leuse State X Foe []
OFCASTOR			O. C. D.	5. State Off & Gas Leave No. B-7244
500 NOT U24 THIS FORM C	UNDRY NOTICES	AND REPORTS ON	WELLS RTESIA OFFICE	
P & A) other-			7, Unit Agreement Name
2. Home of O; error ARCO O:	il & Gas Compa			8, Form of Leuse Hame
Division of Atlantic	Richfield Co	mpany		Hudson "B" State
P. O. Box 1710, Hob	bs. New Mexico	88240		1
4. Location of Well				10. Field and Pool, or Wildcat
UNIT LETTER	2310	South	LINE AND	Empire Yates 7 Rivers
West	2	TOWNSHIP 185	RANGE 27E	_NAPA-
	15.	Elevation (Show whether		12. County
		3541'	GR	Eddy
	eck Appropriate of INTENTION T		lature of Notice, Report	or Other Data QUENT REPORT OF:
			5	
PERFORM BEMEDIAL WORK		PLUS AND ABANDON	REMEDIAL WORK	ALTERING CASING
HOOMAGA VIINAROOMET		CHANGE PLANS	COMMENCE DRILLING OPNS. CASING YEST AND CEMENT JQ2	PLUG AND ABANDONNIENT &
PULL OR ALTER CAJUS		CHANGE PEARS	отнеп	
OTHER				
17. Describe Proposed or Comple work) SEE RULE 1103.	eted Operations (Clear	ly state all pertinent det	pils, and give pertinent dates, in	neluding estimated date of starting any proposed
 Rigged up on 8-2. Dumped 3.5 yds I Cut 7" csg below location. P & A 	Redi-mix cmt 4 w ground level	35'-0' inside 7 , installed reg	" csg. gulation dry hole ma	rker, clean & level
			•	
				*
				*
		2		

	4	
18. I hereby certify that the information above is true and comp	lere to the best of my knowledge and belief.	
Jorna Schnidt	Dist. Drlg. Supt.	8/20/80
Maisasand Stalkfield.	TITLE OIL AND GAS INSPECTOR	OCT 27 1980
CONDITIONS OF APPHOVAL, IF ANY		

Apache Corporation Empire Abo Unit No. 12A (API No. 30-015-00749) 982' FNL & 330' FEL (Unit A) Section 3, T-18S, R-27E, NMPM, Eddy County, NM

Form C-108 Application Tarco Energy, LC Brad State No. 6

Well Drilled: 10/1959 Well PA'd: 9/2012 Perforate @ 200'. Squeeze 85 sx. Cmt. from 200' to surface.

11" Hole. Set 8 5/8" Csg. @ 1,496'. Cemented with 700 Sx. Cement circulated to surface.

Perforate @ 940'. Could not pump Into perfs. Set 25 Sx. Cmt. Plug. Tag TOC @ 633'

TOC @ 1,968 (Well File)

Perforate 4 ½" Csg. @ 1,668'. Could not pump into perfs. Set 30 Sx. Cmt. Plug. Tag TOC @ 1,262'

Set 25 Sx. Cement plug @ 3,055'

Abo Perforation: 5,412'-5,630'

Set 25 Sx. Cement plug @ 5,350' Set CIBP @ 5,350'

7 7/8" Hole. Set 4 ½" Csg. @5,661'. Cemented with 850 sx. TOC @ 1,968' by well file.

T.D. 5,661'

Form 3160-5 (April 2004)

UNITED STATES

FORM APPROVED

OCD Artesia

	DEPARTMENT OF THE			Expires March 31, 2007	
	BUREAU OF LAND MAN			5 Lease Senal No LC 065478B	
Do not use t	NOTICES AND REI his form for proposals t rell. Use Form 3160-3 (a	to drill or to re-	enter an	6. If Indian, Allottee or Tribe Name	
SUBMIT IN TR	RIPLICATE- Other instr	ructions on reve	rse side.	7 If Unit or CA/Agreement, Name and/or No	
I Type of Well Oil Well □ □	Gas WellCT Other			NM70945 8. Well Name and No.	
2 Name of Operator Apache Cor	poration			Empire Abo Unit "I" #12	
3a. Address		3b Phone No (inchia	le area code)	9 API Well No 30-015-00749	
303 Veterans Airpark Lane, Ste 3000 432-818-1106 4 Location of Well (Footage, Sec., T. R. M. or Survey Description)			10 Field and Pool, or Exploratory Area Empire Abo		
UL "A", 982' FNL & 330' FE				11 County or Parish, State	
OD 11,702 1112 & 550 12	2,000 0, 1100, 10072			Eddy, NM	
12. CHECK A	PPROPRIATE BOX(ES) TO	INDICATE NATU	RE OF NOTICE,	REPORT, OR OTHER DATA	
TYPE OF SUBMISSION		TY	PE OF ACTION		
Notice of Intent Subsequent Report Final Abandonment Notice	Acidize Alter Casing Casing Repair Change Plans Convert to Injection	Deepen Fracture Treat New Construction Plug and Abandon Plug Back	Production (! Reclamation Recomplete Temporarily Water Dispos		
testing has been completed. Findetermined that the site is ready 9/11/12 Notify Sheryl (BL 9/12/12 Bleed off well. LI 9/13/12 RIH tag CIBP @ PUH to 3055'. Sp RIH tag toc @ 12 RIH tag toc @ 63	nal Abandonment Notices shall be by for final inspection) .M) of MIRU on 9/12/12 D 93 7/8" rods and 133 3/4" rod 5350". Circ well w/80bbls MLI ot 25x class c PUH to 1068", pe	ds. POH LD 164 jts 2 F. Pressure test casin rf @ 1668'. Couldn't Could not pump into z 85x class c from 200	3/8 thg. RIH set 4 g to 1000pisi, 10 min pump into perfs. RIH to 990' to surf. Cmt circle/1/2	n ok. Spot 25x class ''c'' CMT RIH to 1718', spot 30x class c, woc 4hrs ', load well spot 25x class c woc 4hrs	
RE DU	CLAMATION E. 3-14-13	OCT I	16 2012 A	cepted as to plugging of the well hore, bility under bond is retained until face restoration is completed.	
14 I hereby certify that the fore	going is true and correct				
Name (Printed/Typed) Jimmy Bagley		Title M	lanager – J	Punget Well Sey.	
Signature	211	Date	9-17-1	2	
	THUS SPACE FOR F	EDERAL OR S	TATE OFFICE	EUSE ACCIEDTED FOR DECO	
A amount by		Т	itle	MULITED FUR RECU	KL
Approved by Conditions of approval, if any, are a certify that the applicant holds legal which would entitle the applicant to	or equitable title to those rights in conduct operations thereon.	oes'not warrant or the subject lease	ffice	OCT_1 3 2012	
Fitle 18 U.S.C. Section 1001 and Title States any false, fictitious or fraudule	43 U.S.C. Section 1212, make it a cent statements or representations as	crime for any personika s to any matter within its	owingly and willfully jurisdiction	y to make to any department or agency of the United	
(Instructions on page 2) (Instructions on page 2)	117/2012		ed for record	BURFAU OF LAND MANAGEMENT CARLSBAD FIELD OFFICE	
/ 1		•••			

C-108 Application Tarco Energy, LC Brad State No. 6 990' FNL & 1980' FWL (Lot 3/Unit C) Section 2, T-18S, R-27E, NMPM Eddy County, New Mexico

- I. The purpose of the application is to request approval to expand the Russell C Lease Pressure Maintenance Project by re-entering and converting the Brad State No. 6 (formerly the Riverwolf Unit No. 5) to an injection well in the Yates-Seven Rivers formation, (Empire Yates-Seven Rivers Pool; 22230).
- II. Tarco Energy, LC ("Tarco") 3805 109th Street Lubbock, Texas 79423

Contact Party: Joe L. Tarver (806) 787-5138 or David Catanach (Agent)

(505) 690-9453

- III. Injection well data sheet and wellbore schematic diagram showing the proposed wellbore configuration of the Brad State No. 6 is attached. The Brad State No. 6 was previously a producing well in the Empire-Abo Pool, and was plugged and abandoned in 2008 by BP America Production Company.
- IV. This is an expansion of the Russell C Lease Pressure Maintenance Project. This project was approved by Order No. R-13680, issued in Case No. 14931 on February 14, 2013. That order authorized Tarco Energy, LC to utilize its Russel C Well No. 3 (API No. 30-015-37783) located in Unit O of Section 35, Township 17 South, Range 27 East, NMPM, Eddy County, New Mexico as an injection well, injection to occur into the Yates-Seven Rivers formation (Empire Yates-Seven Rivers Pool; 22230) through the perforated interval from 418 feet to 460 feet. Also, the project was further expanded by Order No. PMX-280 dated February 18, 2019 by authorizing Tarco to convert its Brad State No. 1 (API No. 30-015-40618) located in Lot 3/Unit C of Section 2, Township 18 South, Range 27 East, NMPM, to injection.

Russel C Lease Pressure Maintenance Project Area

Township 17 South, Range 27 East, NMPM

Section 35: SE/4, E/2 SW/4 & SW/4 SW/4

Township 18 South, Range 27 East, NMPM

Section 2: NW/4 NE/4 & NE/4 NW/4

V. Attached is a map that identifies all leases and wells within a 2-mile radius of the proposed injection well and a map that identifies all wells within the 1/2-mile "Area of Review" ("AOR"). Also attached is a map that shows the injection/production well pattern within the project area. Tarco will basically utilize a five-spot injection pattern to efficiently and effectively produce the remaining reserves in the Empire Yates-Seven Rivers Pool underlying the project area.

VI. Area of Review Well Discussion:

Attached is a well list that identifies wells within the area of review whose construction and plugging data were previously submitted to the Division in either the initial pressure maintenance application (Case No. 14931), a PMX application dated 2/14/2014, or a PMX application resulting in Order No. PMX-280 dated 2/18/2019. This list is comprised of twenty-two (22) plugged and abandoned wells, forty-two (42) active wells, and two new wells that have not yet been drilled. The well data has been reviewed to assure that the construction or status of these wells has not changed. Please note that in Orders No. R-13680 and PMX-280, the Division did not require Tarco Energy, LC to perform any remedial work on any active or plugged and abandoned well within the aforesaid area of reviews for either the Russell C Well No. 3 or the Brad State No. 1.

Also attached is a list of wells within the area of review of the Brad State No. 6 whose construction and/or plugging data has not previously been submitted to the Division. This list is comprised of 3 plugged and abandoned wells, 6 active wells and 3 wells that were never drilled. An analysis of this well data indicates that all wells are adequately constructed and/or plugged and abandoned to prevent migration of fluid from the proposed injection well to any producing zones or underground sources of drinking water.

VII. Tarco's Proposed Operation

- 1. The average injection rate into the Brad State No. 6 is anticipated to be approximately 90 BWPD. Tarco has found that a low injection rate combined with low injection pressure provides better response in its producing wells. If this rate increases in the future, the Division will be notified.
- 2. This will be a closed system.
- 3. Tarco currently does not inject into the Russell C Well No. 3 at a surface pressure greater than 0 psi. As previously mentioned, Tarco has found that injection at hydrostatic pressure at the formation face (approximately

178 psi) provides sufficient reservoir energy to maintain adequate producing rates in offset producing wells, and should provide Tarco the opportunity to recover additional oil and gas from the project area that may otherwise not be recovered, thereby preventing waste. Tarco has not yet commenced injection into the Brad State No. 1. Tarco does not anticipate injection to occur into the Brad State No. 6 at a surface pressure greater than 0 psi., however if necessary, a pressure limit of 0.2 psi/ft. or 86 psi, which is in compliance with Division regulations, will be utilized.

- 4. Injected fluid will be re-injected water from the Empire Yates-Seven Rivers Pool. No compatibility issues are anticipated.
- 5. N/A. Injection will be into the productive Empire Yates-Seven Rivers Pool for the purpose of increasing the ultimate recovery of oil within the project area.

Discussion:

- A. Tarco previously conducted a fluid level analysis on the Brad State Wells No. 2 and 4, both located in Unit C of Section 2, Township 18 South, Range 27 East, NMPM. After a shut-in period of several days, both wells showed a fluid level of 363 feet, or 50 feet above the perforated intervals of 413 feet and 415 feet, respectively. This indicates a reservoir pressure within the Empire Yates-Seven Rivers Pool of approximately 22 psi;
- B. By maintaining pumped-off conditions within Tarco's thirteen producing wells within the project area, a negligible reservoir pressure will be sustained during the period of injection into the Russell C Well No. 3 and the Brad State Wells No. 1 and 6;
- C. Given the low injection rates and pressures, Tarco believes that the reservoir pressure in the Empire Yates-Seven Rivers Pool will not be sufficient to cause any significant upward migration of fluid from the proposed injection interval. Consequently, area of review wells will not be affected by injection; and
- D. Injection into the Russell C No. 3 well has been ongoing since approximately April, 2013. There is currently no evidence to indicate that injection has caused migration of fluid from the injection interval, or has otherwise affected any deeper producing zones.

VIII. Geologic Formation:

Yates-Seven Rivers

Estimated Top:

350'

Thickness:

180'

Lithology:

Sand or Sandy Dolomite.

Description:

The productive intervals in the Yates-Seven Rivers formation are approximately 3-7 feet thick and are separated by either dense dolomite or anhydrite zones. Porosity in the "B", "C", "D" and "E" intervals is approximately 15% or greater.

USDW's:

According to data obtained from the New Mexico State Engineer ("OSE"), there are no fresh water wells located within one mile of the Brad State No. 6 (See attached OSE report). On a more regional basis, OSE data indicates that there are numerous fresh water wells in Townships 17 & 18 South, Range 28 East, NMPM. This data indicates that the average depth to fresh water ranges from 13 feet to 145 feet, with an average depth to water of 52 feet. Given the reservoir pressures in the Empire Yates-Seven Rivers Pool, the parameters of operation as outlined above, and the depth of fresh water in this area, it is highly unlikely that the proposed injection will cause migration of injected fluid into any underground source of fresh water via any plugged or active area of review wells.

- IX. No stimulation is currently planned.
- X. Neutron/Gamma Ray Logs were previously submitted to the Division for the Brad State No. 6. If additional logs are required by the Division, Tarco will run these logs.
- XI. There are no fresh water wells located within a one-mile radius of the Brad State No. 6.
- XII. Affirmative statement is enclosed.
- XIII. Proof of Notice is enclosed. Affidavit of Publication is attached.

CERTIFIED MAIL RETURN RECEIPT REQUESTED

TO: See Attached Notice List

Re: Tarco Energy, LC

Form C-108 (Application for Authorization to Inject)

Brad State No. 6: API No. (30-015-00719)

990' FNL & 1980' FWL, Lot 3/Unit C, Section 2, T-18S, R-27E, NMPM,

Eddy County, New Mexico

Ladies & Gentlemen:

By Order No. R-13680 dated February 14, 2013 the Oil Conservation Division approved the Tarco Energy, LC Russell C Lease Pressure Maintenance Project authorizing injection into the Yates-Seven Rivers formation (Empire Yates-Seven Rivers Pool) within its Russell C Well No. 3 located in Unit O of Section 35, Township 17 South, Range 27 East, NMPM, Eddy County, New Mexico. This project was further expanded by Order No. PMX-280 dated February 18, 2019 by authorizing injection into the Brad State No. 1, located in Unit C of Section 2, Township 18 South, Range 27 East, NMPM.

Tarco Energy, LC ("Tarco") is seeking administrative approval to further expand the Russell C Lease Pressure Maintenance Project by adding an additional injection well within the approved project area. Enclosed please find a copy of Oil Conservation Division Form C-108 (Application for Authorization to Inject) for the Brad State No. 6 (previously the Riverwolf Unit Well No. 5). You are being provided a copy of the application as an offset operator/leaseholder or as the owner of the surface where the well is located. Tarco proposes to re-enter the plugged and abandoned Riverwolf Unit No. 5 and convert the well to an injection well, injection to occur into the Yates-Seven Rivers formation through the perforated interval from approximately 430 feet to 550 feet.

Objections must be filed with the Oil Conservation Division, 1220 South St. Francis Drive, Santa Fe, New Mexico 87505, within 15 days.

If you should have any questions, please contact me at (505) 690-9453. Sincerely,

Tarco Energy, LC Application to Inject Brad State No. 6 July 29, 2021

David Catanach (Agent)

Tarco Energy, LC 3805 109th Street

Lubbock, Texas 79423

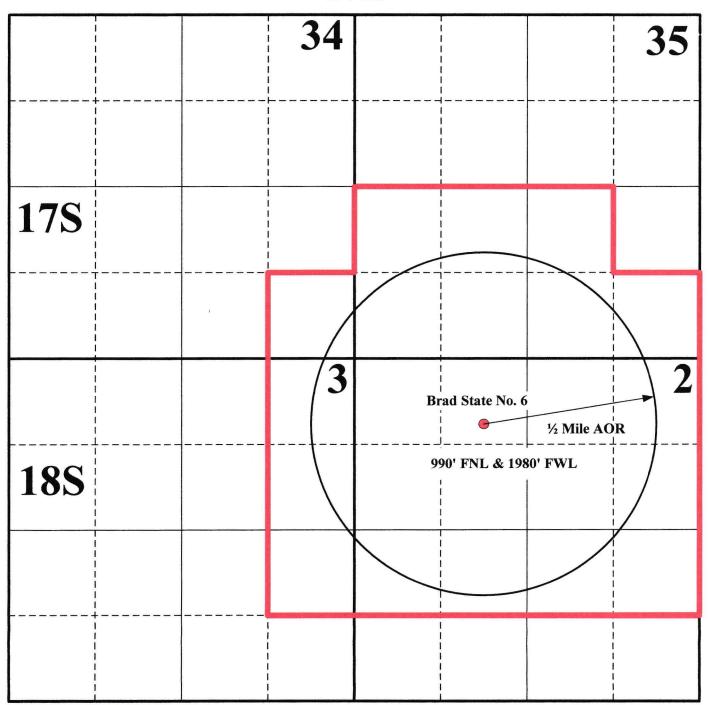
Enclosure

Tarco Energy, LC PMX Application Brad State No. 6

- ½ Mile Notice Area

(See Corresponding Operator Description)

27E



Form C-108: Pressure Maintenance Expansion Russel C Lease Pressure Maintenance Project Brad State No. 6 (API No. 30-015-00719) Section 2, Township 18 South, Range 27 East, NMPM Notice List (Offset Operators)

Operator

Operated Acreage

Redwood Operating, LLC

Section 35-17S-27E:

Units J, K, L, M, N, O, P

P.O. Box 1370

Section 2-18S-27E:

Units C & H

Section 34-17S-27E:

Unit P

Artesia, New Mexico 88211

Section 3-18S-27E:

Units A & H

Remnant Oil Operating, LLC

Section 35-17S-27E:

Units K, N, P

P.O. Box 5375

Section 2-18S-27E:

Units A, B, C

Midland, Texas 79704

Section 2-18S-27E:

Units A, D, E, F, G, I, J, K, L

Apache Corporation
303 Veterans Airpark Lane

Section 3-18S-27E:

Unit H, I

Suite 1000

Midland, Texas 79705

Amtex Energy, Inc.

P.O. Box 470158

Fort Worth, Texas 76147

Section 3-18S-27E:

Unit A

Mewbourne Oil Company

P.O. Box 5270

Hobbs, New Mexico 88241

Section 35-17S-27E:

Units J, K, L, M, N, O, P

Additional Notice

(Surface Owner)

New Mexico State Land Office P.O. Box 1148 Santa Fe, New Mexico 87504

Oil Conservation Division 811 S. First Street Artesia, New Mexico 88210

Affidavit of Publication

No. 25827
State of New Mexico Publisher
County of Eddy:
Danny Scott A
being duly sworn sayes that he is the Publisher
of the Artesia Daily Press, a daily newspaper of General
circulation, published in English at Artesia, said county
and state, and that the hereto attached
Legal Ad
was published in a regular and entire issue of the said
Artesia Daily Press, a daily newspaper duly qualified
for that purpose within the meaning of Chapter 167 of
the 1937 Session Laws of the state of New Mexico for
Consecutive weeks/day on the same
day as follows:
First Publication July 22, 2021
Second Publication
Third Publication
Fourth Publication
Fifth Publication
Sixth Publication
Seventh Publication
Subscribed and sworn before me this
22nd day of July 2021
OFFICIAL SEAL

Latisha Romine

Notary Public, Eddy County, New Mexico

Latisha Romine

My commission expires: 4

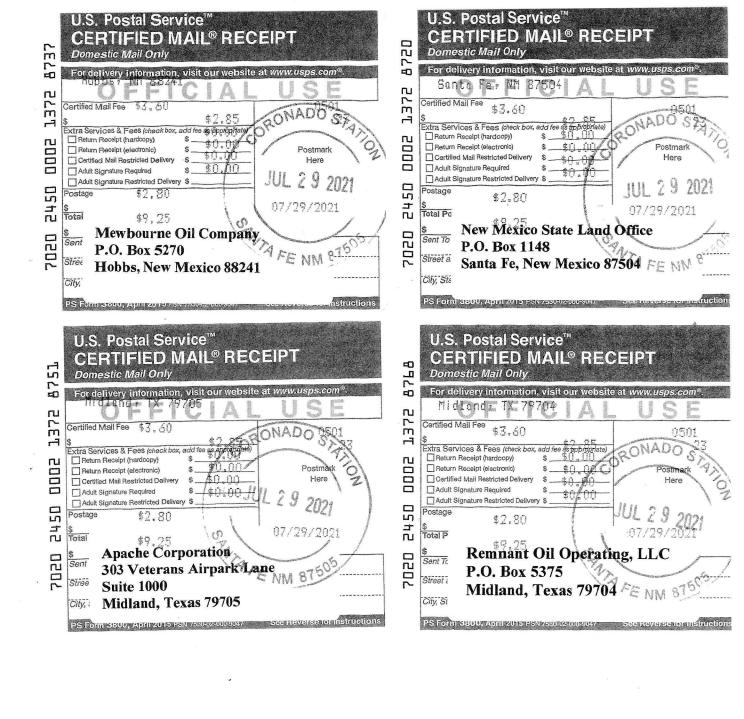
NOTARY PUBLIC-STATE OF NEW MEXICO

Copy of Publication:

Legal Notice

Tarco Energy, LC, 3805 109th Street, Lubbock, Texas 79423 has filed a Form C-108 (Application for Authorization to Inject) with the Oil Conservation Division (\"Division\") seeking administrative approval to expand its Russell C Lease Pressure Maintenance Project by re-entering and converting to an injection well the plugged and abandoned Riverwolf Unit No. 5 (API No. 30-015-00719) located 990 feet from the North line and 1980 feet from the West line (Lot 3/Unit C) of Section 2, Township 18 South, Range 27 East, NMPM, Eddy County, New Mexico. The well will be designated as the Brad State No. 6. Injection is to occur into the Yates-Seven Rivers formation (Empire Yates-Seven Rivers Pool) through the perforated interval from approximately 430 feet to 550 feet. Produced water from the Yates-Seven Rivers formation will be re-injected into the Brad State No. 6 at average and maximum rates of 100 and 300 barrels of water per day, respectively. The initial surface injection pressure for the well is anticipated to be at or below 86 psi, which is in compliance with Division regulations. The maximum surface injection pressure will be determined by step rate injection test. Interested parties must file objections with the New Mexico Oil Conservation Division, 1220 S. St. Francis Drive, Santa Fe, New Mexico 87505, within 15 days of the date of this publication. Additional information can be obtained by contacting Mr. Joe Tarver at (806) 787-5138 or David Catanach (Agent) at (505) 690-9453.

Published in the Artesia Daily Press, Artesia, N.M., July 22, 2021 Legal No. 25827.



U.S. Postal Service™ U.S. Postal Service™ CERTIFIED MAIL® RECEIPT CERTIFIED MAIL® RECEIPT 446 பு 877. n Ш Certified Mail Fee \$3.60 376 37 Certified Mail Fee \$3.60 Postmark Extra Services & Fees (check box, add fee s appropriate)

Return Receipt (hardcopy)

\$ 10.2 Extra Services & Fees (check box, Return Receipt (hardcopy)
Return Receipt (electronic)
Certified Mail Restricted Delivery Return Receipt (electronic)

Certified Mail Restricted Delivery نِن _ <u>\$9.00</u> Here Adult Signature Required Adult Signature Required \$\$.00 Adult Signature Restricted Delivery \$ Adult Signature Restricted Delivery 2450 2450 Postage Postage \$2.80 \$2.80 Redwood Operating, LLC NM 81303 Total Post Total Po Amtex Energy, Inc. P.O. Box 470158 F NM 87505 7020 \$ Sent To 7020 P.O. Box 1370 Fort Worth, Texas 76147 Street and Street a Artesia, New Mexico 88211 City, State City, Sta PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions