DATE IN	SUSPENSE	ENGINEER	LOGGED IN	TYPE	APP NO.

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

1220 South St. Francis Drive, Santa Fe, NM 87505

ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
[DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
[PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
[WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
[SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
[EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Simultaneous Dedication
☐ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement
☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
☒ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

[D] Other: Specify _____

[2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or Does Not Apply

[A] ☐ Working, Royalty or Overriding Royalty Interest Owners

[B] ☒ Offset Operators, Leaseholders or Surface Owner

[C] ☒ Application is One Which Requires Published Legal Notice

[D] ☒ Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office

[E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,

[F] ☐ Waivers are Attached

[3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Laura A. Moreno	Laura A. Moreno	Regulatory Compliance Advisor	3/12/15
Print or Type Name	Signature	Title	Date

lmoreno@linnenergy.com
e-mail Address

3/13/2015 DATE IN	SUSPENSE	PRG ENGINEER	3/13/2015 LOGGED IN	~~3/13/2015~~ WFX TYPE	~~PMAM150255454~~ APP NO.

ABOVE THIS LINE FOR DIVISION USE ONLY

Two WFs

PPRG1515427908
R-3185 / -946
PPRG1515428910
R-4717-A / -947

NEW MEXICO OIL CONSERVATION DIVISION
- Engineering Bureau -
1220 South St. Francis Drive, Santa Fe, NM 87505

ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

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[SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
[EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]

- WFX
- Linn Operating, Inc
269324

[A] Location - Spacing Unit - Simultaneous Dedication
☐ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

well
- Skelly Unit #46
30-015-05336
+
19 Additional wells

[B] Commingling - Storage - Measurement
☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
☒ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

Pool
- Grayburg Jackson SR-Q-G-SA
28509

[D] Other: Specify _____

[2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or Does Not Apply

[A] ☐ Working, Royalty or Overriding Royalty Interest Owners

[B] ☒ Offset Operators, Leaseholders or Surface Owner

[C] ☒ Application is One Which Requires Published Legal Notice

[D] ☒ Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office

[E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,

[F] ☐ Waivers are Attached

[3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Laura A. Moreno	Laura A. Moreno	Regulatory Compliance Advisor	3/12/15
Print or Type Name	Signature	Title	Date

lmoreno@linnenergy.com
e-mail Address

LINN Energy

LINN OPERATING, INC

A Wholly owned subsidiary of LINN Energy, LLC
JP Morgan Chase Tower
600 Travis, Suite 5100
Houston, TX 77002
Phone: 281-840-4000
Fax: 281-840-4001
www.linnenergy.com

March 12, 2015

Mr. Phillip Goetze
State of New Mexico
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Reference: Application for Authorization to Inject
Seven Rivers Waterflood Expansion Project
Eddy County, NM

Dear Mr. Goetze:

Linn Operating, Inc. respectfully requests administrative approval to expand the Seven Rivers Waterflood and convert (20) additional wells to injectors in Sections 16, 17, 18, 19, 20 & 21 in Township 17 South, Range 31 East in Eddy County New Mexico. Please find attached binder with the C-108 Application along with all the supporting hard copy documentation as well as a CD with the PDF format copy for your review. Should you require any additional information or have any questions, please contact me at 713-904-6657 or lmoreno@linnenergy.com. Thank you for your consideration.

Sincerely,

Laura A. Moreno

Laura A. Moreno
Regulatory Compliance Advisor

LINN Energy

LINN OPERATING, INC
A Wholly owned subsidiary of LINN Energy, LLC
JP Morgan Chase Tower
600 Travis, Suite 5100
Houston, TX 77002
Phone: 281-840-4000
Fax: 281-840-4001
www.linnenergy.com

April 8, 2015

Mr. Phillip Goetze
State of New Mexico
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Reference: Form C-108 Seven Rivers WF Expansion Application Amendment

Dear Mr. Goetze

Linn Operating, Inc. is respectfully submitting the attached amendments to the C-108 Seven Rivers Waterflood Expansion Application for your review.

Please refer to page four of eight under line item number three, proposed average and maximum injection pressure. LINN is amending the pressure gradient from 0.7 psi/ft to 0.2 psi/ft. LINN will be seeking a higher pressure gradient by requesting step rate tests (SRT) after approval of our application. As part of this amendment, Exhibit 8, Map of CTI Candidates and Merit SRT's as well as Exhibit 9, Division Order No. IPI-246 Merit's Injection Pressure Increase for the Friess-Fren and Turner B Waterflood Projects is included.

I am also attaching a copy of Concho's request to withdraw their objection to this application filed 4/6/2015.

Please let me know if you require any additional information or have any questions. I can be reached at 713-904-6657 or lmoreno@linnenergy.com.

Thank you for your consideration and review of this application.

Sincerely,

Laura A. Moreno

Laura A. Moreno
Regulatory Compliance Advisor

CC: Michael McMillan

CONCHO

March 30, 2015

HAND-DELIVERY

Mr. David Catanach, Director
Oil Conservation Division
New Mexico Department of Energy, Minerals and Natural Resources
1220 South Saint Francis Drive
Santa Fe, New Mexico 87505

Re: Application of LINN Operating, Inc. for the Seven Rivers Waterflood Expansion Project in Sections 16-21, Township 17 South, Range 31 East, NMPM, Eddy County, New Mexico

Dear Mr. Catanach:

In a letter dated March 12, 2015, LINN Operating, Inc. ("LINN") notified COG Operating LLC ("Concho") of its Application for Authorization to Inject in the Seven Rivers Waterflood Expansion Project, Sections 16-21, Township 17 South, Range 31 East, NMPM, Eddy County, New Mexico. A copy of the notice is attached.

As an offset operator, Concho objects to LINN's application. Concho requests this application be set for hearing.

Sincerely,

Ocean Munds-Dry
Senior Attorney
COG Operating LLC

cc: Laura Moreno via email (lmoreno@linnenergy.com)
(Regulatory Compliance Advisor, LINN)

CONCHO

OCEAN MUNDS-DRY
Senior Attorney

April 6, 2015

VIA E-MAIL

Mr. David Catanach, Director
Oil Conservation Division
New Mexico Department of Energy, Minerals and Natural Resources
1220 South Saint Francis Drive
Santa Fe, New Mexico 87505

Re: Application of LINN Operating, Inc. for the Seven Rivers Waterflood Expansion Project in Sections 16-21, Township 17 South, Range 31 East, NMPM, Eddy County, New Mexico.

Dear Mr. Catanach:

On March 30, 2015, COG Operating LLC ("Concho") objected to Linn Operating, Inc's ("Linn") Application for Authorization to Inject in the Seven Rivers Waterflood Expansion Project, Sections 16-21, Township 17 South, Range 31 East, NMPM, Eddy County, New Mexico. Since that time, Linn and Concho have been in discussions regarding the application and Concho no longer objects to the application.

Accordingly, Concho withdraws its objection to Linn's application. Thank you for your time and attention to this matter.

Sincerely,

Ocean Munds-Dry

Ocean Munds-Dry
Senior Attorney
COG Operating LLC

cc: Laura Moreno via email
(Regulatory Compliance Advisor, LINN)

CORPORATE ADDRESS
One Concho Center | 600 West Illinois Avenue | Midland, Texas 79701
PHONE 432.683.7443 | FAX 432.683.7441

LOCAL ADDRESS
1048 Paseo De Peralta | Santa Fe, New Mexico 87501
PHONE 505.780.8000 | FAX 505.428.0485

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

PURPOSE: ___X___ Secondary Recovery _____ Pressure Maintenance _____ Disposal _____ Storage
Application qualifies for administrative approval? ___X___ Yes _____ No

II. OPERATOR: LINN Operating, Inc.

ADDRESS: 600 Travis Street, Ste. 5100, Houston, TX 77002

CONTACT PARTY: Laura Moreno PHONE: 713-904-6657

III. 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(s)? ___X___ Yes _____ No
If yes, give the Division order number authorizing the project: R-4717-A, R-3185

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:

1. Proposed average and maximum daily rate and volume of fluids to be injected;
2. Whether the system is open or closed;
3. Proposed average and maximum injection pressure;
4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and,
5. 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).

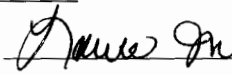
*XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.

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: Laura Moreno TITLE: Regulatory Compliance Advisor

SIGNATURE:  DATE: 3/10/15

E-MAIL ADDRESS: lmoreno@linnenergy.com

* 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: _____

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

I. 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 om the date this application was mailed to them.

LINN Energy

LINN OPERATING, INC
A Wholly owned subsidiary of LINN Energy, LLC
JP Morgan Chase Tower
600 Travis, Suite 5100
Houston, TX 77002
Phone: 281-840-4000
Fax: 281-840-4001
www.linnenergy.com

Operator: Linn Operating, Inc.
Units/Lease: Skelly Unit, Turner A, Turner B, Foster Federal, Superior Foster, State A, State AZ
Acreage/Location: Approximately 1,575 acres/ T: 17S R: 30E, 31E/ Various Sections

Injection Well Summary:

DIVISION ORDER	WELL NAME	WELL No.	API NUMBER	DEVIATED (Y/N)	Location	XY SURF_LAT	XY SURF_LONG	XY BH_LAT	XY BH_LONG
R-4717-A	SKELLY UNIT	#006	300150S326	N	T: 17S R: 31E Sec. 21 Unit Letter D	32.8264	-103.8796	32.8264	-103.8796
	SKELLY UNIT	#007	3001505327	N	T: 17S R: 31E Sec. 21 Unit Letter E	32.8222	-103.8803	32.8222	-103.8803
	SKELLY UNIT	#014	3001505322	N	T: 17S R: 31E Sec. 21 Unit Letter L	32.8183	-103.8806	32.8183	-103.8806
	STATE A	#001	3001505168	N	T: 17S R: 31E Sec. 16 Unit Letter K	32.8328	-103.8763	32.8328	-103.8763
	STATE A	#002	3001505169	N	T: 17S R: 31E Sec. 16 Unit Letter L	32.8318	-103.8794	32.8318	-103.8794
	STATE AZ	#002	3001505175	N	T: 17S R: 31E Sec. 16 Unit Letter M	32.8282	-103.8796	32.8282	-103.8796
	SUPERIOR FOSTER	#003	3001505189	N	T: 17S R: 31E Sec. 17 Unit Letter I	32.8319	-103.8842	32.8319	-103.8842
	V L FOSTER	#002	3001505201	N	T: 17S R: 31E Sec. 17 Unit Letter J	32.8318	-103.8903	32.8318	-103.8903
R-3185	TURNER A	#032	3001505230	N	T: 17S R: 31E Sec. 18 Unit Letter J	32.8318	-103.9052	32.8318	-103.9052
	TURNER A	#033	3001505231	N	T: 17S R: 31E Sec. 18 Unit Letter K	32.8318	-103.9096	32.8318	-103.9096
	TURNER A	#035	3001520097	N	T: 17S R: 31E Sec. 19 Unit Letter H	32.8223	-103.9020	32.8223	-103.9020
	TURNER B	#018	3001505290	N	T: 17S R: 31E Sec. 20 Unit Letter J	32.8183	-103.8892	32.8183	-103.8892
	TURNER B	#019	3001505291	N	T: 17S R: 31E Sec. 20 Unit Letter I	32.8183	-103.8849	32.8183	-103.8849
	TURNER B	#031	3001505190	N	T: 17S R: 31E Sec. 17 Unit Letter P	32.8282	-103.8839	32.8282	-103.8839
	TURNER B	#032	3001505191	N	T: 17S R: 31E Sec. 17 Unit Letter O	32.8282	-103.8882	32.8282	-103.8882

R-3185	TURNER B	#033	3001505305	N	T: 17S R: 31E Sec. 20 Unit Letter A	32.8246	-103.8839	32.8246	-103.8839
	TURNER B	#034	3001505306	N	T: 17S R: 31E Sec. 20 Unit Letter H	32.8210	-103.8839	32.8210	-103.8839
	TURNER B	#037	3001505193	N	T: 17S R: 31E Sec. 17 Unit Letter M	32.8282	-103.8967	32.8282	-103.8967
	TURNER B	#039	3001505309	N	T: 17S R: 31E Sec. 20 Unit Letter G	32.8210	-103.8882	32.8210	-103.8882
	TURNER B	#040	3001505194	N	T: 17S R: 31E Sec. 17 Unit Letter L	32.8318	-103.8966	32.8318	-103.8966

Proposal Description:

Primary development of the subject area began in 1943 in the Grayburg Jackson Pool (formerly Fren Pool). In 1974, Getty initiated a waterflood pilot followed by 80 acre patterns eventually downspaced to 40 acres. After Merit acquired the acreage from Devon, a three pattern pilot was initiated in 2005 in the proposed expansion area.

LINN is proposing to implement a waterflood expansion offsetting the Merit pilot. Authorization is being sought to inject into the Seven Rivers formation at a depth range of 1700' to 2600'. Seven Rivers injection currently occurs in adjacent leases operated by LINN.

Enclosed in this Application are the following supporting documents:

III. Well Data:

Linn proposes to convert twenty (20) wells to injection. Four of the twenty wells are plugged and will be reentered.

WELL NAME	WELL No.	API NUMBER	Location	XY SURF_LAT	XY SURF_LONG
TURNER A	#032	3001505230	T: 17S R: 31E Sec. 18 Unit Letter J	32.8318	-103.9052
TURNER A	#033	3001505231	T: 17S R: 31E Sec. 18 Unit Letter K	32.8318	-103.9096
TURNER A	#035	3001520097	T: 17S R: 31E Sec. 19 Unit Letter H	32.8223	-103.9020
TURNER B	#019	3001505291	T: 17S R: 31E Sec. 20 Unit Letter I	32.8183	-103.8849

Well history has been reviewed for each candidate and pre-screening indicates each plugged wellbore still has competent mechanical integrity. An APD will be filed for the Turner B No. 19 (30-015-05291) well that Linn received through acquisition but does not list Linn as the current operator.

Well data and wellbore schematics for each proposed water injection well are included in **Exhibits 1 and 2**.

IV. Expansion of an Existing Project:

The proposed Seven Rivers waterflood project is an expansion of the two Orders: R-3185 and R-4717-A. A map is provided in **Exhibit 3** as part of the Application to depict the coverage of each Order.

V. Maps:

Maps are provided in **Exhibits 4 and 5** to identify those wells and leases within two miles and one half mile of each proposed injection well.

VI. Tabulation of Well Data:

Exhibit 6 includes well data for 424 wells that fall within the half-mile radius and penetrate the Seven Rivers. The table includes 335 active wells, 9 temporarily abandoned wells and 80 plugged and abandoned wells.

Appendix A provides diagrams illustrating the plugged and abandoned wells. Diagrams are sequenced by API number. Plugging procedures sourced from OCD online are included for each well.

- Plugging records found for 80 wells indicated that each well was plugged and abandoned properly.
- **Exhibit 7** shows the plugged wells within the area of review for each of the proposed water injection wells.

VII. Injection Operations Description:

1. *Proposed average and maximum daily rate and volume of fluids to be injected;*

   Linn Energy proposes the following average and maximum daily rate and volume of water injection into each of the twenty (20) injectors:
   - Average injection rate: 50 BWPD
   - Maximum injection rate: 150 BWPD

   Total average and maximum daily rates and volumes of water injection for the Seven Rivers waterflood expansion project is as follows:
   - Average injection rate: 1000 BWPD
   - Maximum injection rate: 3000 BWPD

2. *Whether the system is open or closed;*

   The Russell Turner waterflood station, existing infrastructure to which fluids from the proposed waterflood expansion will be processed through, is a closed system.

3. *Proposed average and maximum injection pressure;*

   Per the Oil Conservation Division's Underground Injection Control Manual, Linn Energy proposes a surface pressure gradient of 0.2 psi/ft for each of the proposed water injection wells. Step-rate tests offsetting the proposed expansion project demonstrate an average surface gradient of 0.6-0.65 psi/ft **(Exhibits 8 and 9)**. Pending approval of the expansion, Linn Energy will conduct and submit step rate test results for a representative number of the proposed conversions in order to increase the maximum allowable surface injection pressures (MASIPs).
   - Average injection pressure: 350 PSI
   - Maximum injection pressure: 400 PSI

4. *Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water;*

   Water source will be produced water from the Seven Rivers and Grayburg-San Andres formations. In addition, fresh makeup water will be used from two Linn owned wells. These wells are used for makeup in current flood operations. The water is compatible with the Seven Rivers and Grayburg-San Andres Formations. Water analysis reports are included in **Exhibit 10**.

5. *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.).*

   The twenty (20) water injection wells covered by this Application are to be used for secondary recovery and not disposal purposes. This requirement does not apply to this Application.

VIII. Geologic Data:

The formation being targeted for water injection is the Guadalupian Series Seven Rivers Formation, and is an expansion of the Skelly Unit injection in T17S-31E in Sections 15, 21, 22, 23, 26, 27, & 28 (Division Order No. R-4717, Case No. 5138; & Division Order No. R-4717-A, Case No. 6103). The proposed project covers parts of T17S-31E Sections 16, 17, 18, 19, 20, 21. The target oil and gas zones range in depth from 1850 ft to 1620 ft above mean sea level. The top and base of the target interval average 1915 & 1996 ft measured depth, respectively, with a mean isopach of 83 ft. Lithologically, the Seven Rivers is composed of sandy dolomites with a minor anhydrite component. Porosity ranges from the lower permeability-derived cutoff of 5% to approximately 30%. Above the 5% porosity cutoff, the permeability is generally less than 40 mD.

In the proposed project area, the Seven Rivers Formation is the shallowest historical oil and gas productive interval in either the Fren or Grayburg Jackson pools. The vertical extent of the reservoir is limited by impermeable shales and carbonates, and porosity

pinches out less than a mile north of the project area into very low permeability zones of similar lithology. Below the Seven Rivers, the nearest productive oil and gas zone is the Guadalupian Grayburg Formation approximately 700 ft below, which is an active secondary recovery pool. Overlying the Seven Rivers Formation is approximately 1000 ft of low and non-permeable salt and anhydrite in the Rustler and Salado Formations, separating it from the freshwater Ogallala aquifer. No record of Ogallala wells within 1 mile of the project exist on the New Mexico State Engineer website.

Exhibits 11 and 12 provide a type log and structure map for geologic support.

IX. Proposed Stimulation Program:

Each well that is converted from a producer to an injector will be cleaned out to plugback total depth and acid stimulated. Future stimulations will be based on well performance.

X. Logging Data:

All well logs from the twenty (20) water injection wells have been previously submitted with the initial well completion reports. No tests have been conducted.

XI. Fresh Water Well Data:

Linn Energy investigated the area surrounding the proposed waterflood expansion project and determined there are no fresh water wells within one mile of any water injection well covered by this Application. **Appendix B** includes Point of Diversion and Water Depth Reports for each water injection well.

XII. Affirmative Statement for Disposal Wells:

All of the wells covered by this Application are intended for water injection in a secondary recovery project. As there are no proposed disposal wells, this requirement does not apply to this Application.

XIII. Proof of Notice:

Linn Energy has provided copies of the Application to all surface owners and leasehold operators within one-half mile radius of each proposed water injection well. Certified mail receipts can be found in **Exhibit 13**.

As this Application is subject to administrative approval, Linn Energy has published notice in the form of a legal advertisement in Eddy County. The notarized newspaper publication can be found in **Exhibit 14**.

Notification List:

		Offset Operators	Surface Owners
T17S, R31E	Sec 16	Kersey & Company Attn: Ken Wade PO Box 1248 Fredericksburg, TX 78624	New Mexico State Lands Office 310 Old Santa Fe Trail Santa Fe, NM 87501
		COG Operating LLC Attn: Kanicia Castillo One Concho Center 600 W. Illinois Avenue Midland, TX 79701	
		Larry Marker DBA Marker Oil Attn: Larry E Marker larrym_gdc@hotmail.com 505-622-45666 PO Box 3188 Roswell, NM 88202	
	Sec 17	Apache Corp Attn: Mark Henkhaus 303 Veterans Airpark Ln #600 Midland, TX 79705	Bureau of Land Management 620 East Greene Street Carlsbad, NM 88220
		Fair Oil Ltd 225 S College Ave Tyler, TX 75702	
		COG Operating LLC Attn: Kanicia Castillo One Concho Center 600 W. Illinois Avenue Midland, TX 79701	
	Sec 18	Fair Oil Ltd 225 S College Ave Tyler, TX 75702	Bureau of Land Management 620 East Greene Street Carlsbad, NM 88220
		Apache Corp Attn: Mark Henkhaus 303 Veterans Airpark Ln #600 Midland, TX 79705	
	Sec 19	Alamo Permian Resources, LLC Attn: Tyler Woodruff 820 Gessner Rd, Suite 1650 Houston, Texas 77024	Bureau of Land Management 620 East Greene Street Carlsbad, NM 88220

		Apache Corp Attn: Mark Henkhaus 303 Veterans Airpark Ln #600 Midland, TX 79705	
	Sec 20	Apache Corp Attn: Mark Henkhaus 303 Veterans Airpark Ln #600 Midland, TX 79705	Bureau of Land Management 620 East Greene Street Carlsbad, NM 88220
		OXY USA WTP Limited Partnership Attn: Teresa Jackson 5 Greenway Plaza Houston, Texas 77046-0506	
	Sec 21	Chevron U S A Inc Attn: Sandy Stedman-Daniel 15 Smith Road Midland, TX 79705	Bureau of Land Management 620 East Greene Street Carlsbad, NM 88220
		COG Operating LLC Attn: Kanicia Castillo One Concho Center 600 W. Illinois Avenue Midland, TX 79701	
	Sec 28	Chevron U S A Inc Attn: Sandy Stedman-Daniel 15 Smith Road Midland, TX 79705	Bureau of Land Management 620 East Greene Street Carlsbad, NM 88220
	Sec 29	Trinity Environmental Swd, L.L.C. Attn: Sam Porter 2500 Farm to Market Road 868 Midland, TX 79707	Bureau of Land Management 620 East Greene Street Carlsbad, NM 88220
T17S, R30E	Sec 13	Burnett Oil Co Inc Attn: Cassandra T Shewey 801 Cherry St Fort Worth, TX 76102	Bureau of Land Management 620 East Greene Street Carlsbad, NM 88220
	Sec 24	Burnett Oil Co Inc Attn: Cassandra T Shewey 801 Cherry St Fort Worth, TX 76102	Bureau of Land Management 620 East Greene Street Carlsbad, NM 88220

XIV. Certification:

Included on form C-108

EXHIBITS 1 & 2: WELL DATA SHEETS AND WELLBORE SCHEMATICS

Side 1

INJECTION WELL DATA SHEET

OPERATOR: LINN OPERATING, INC.

WELL NAME & NUMBER: STATE A #001 API: 30-015-05168

WELL LOCATION: 1980 FSL, 1980 FWL | K | 16 | 17S | 31E

FOOTAGE LOCATION | UNIT LETTER | SECTION | TOWNSHIP | RANGE

WELLBORE SCHEMATIC

* Proposed Sqz Job @ 592' - Surface top off Salt Zone

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 10.0" Casing Size: 8.625"

Cemented with: 25 sx. ***or*** _____ ft^3

Top of Cement: 479' Method Determined: Calc.

Intermediate Casing

Hole Size: _____ Casing Size: _____

Cemented with: _____ sx. ***or*** _____ ft^3

Top of Cement: _____ Method Determined: _____

Production Casing

Hole Size: 8.0" Casing Size: 7.0"

Cemented with: 30 sx. ***or*** _____ ft^3

Top of Cement: 3172' Method Determined: CBL

Total Depth: 3644' TVD

Injection Interval

1991' (Perf) feet to 3644' (Open Hole)

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2-3/8 Lining Material: Internal Plastic Coated

Type of Packer: 2.375" x 2.75' (Arrowset-1X (NP) Pkr w/ On/Off Tool)

Packer Setting Depth: 1941'

Other Type of Tubing/Casing Seal (if applicable): _____

Additional Data

1. Is this a new well drilled for injection? _____Yes X No

   If no, for what purpose was the well originally drilled? OIL PRODUCTION

   _____

2. Name of the Injection Formation: SEVEN RIVERS

3. Name of Field or Pool (if applicable): GRAYBURG JACKSON;SR-Q-G-SA

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. NO

   _____

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: YATES, GRAYBURG, SAN ANDRES

   _____

   _____

   _____

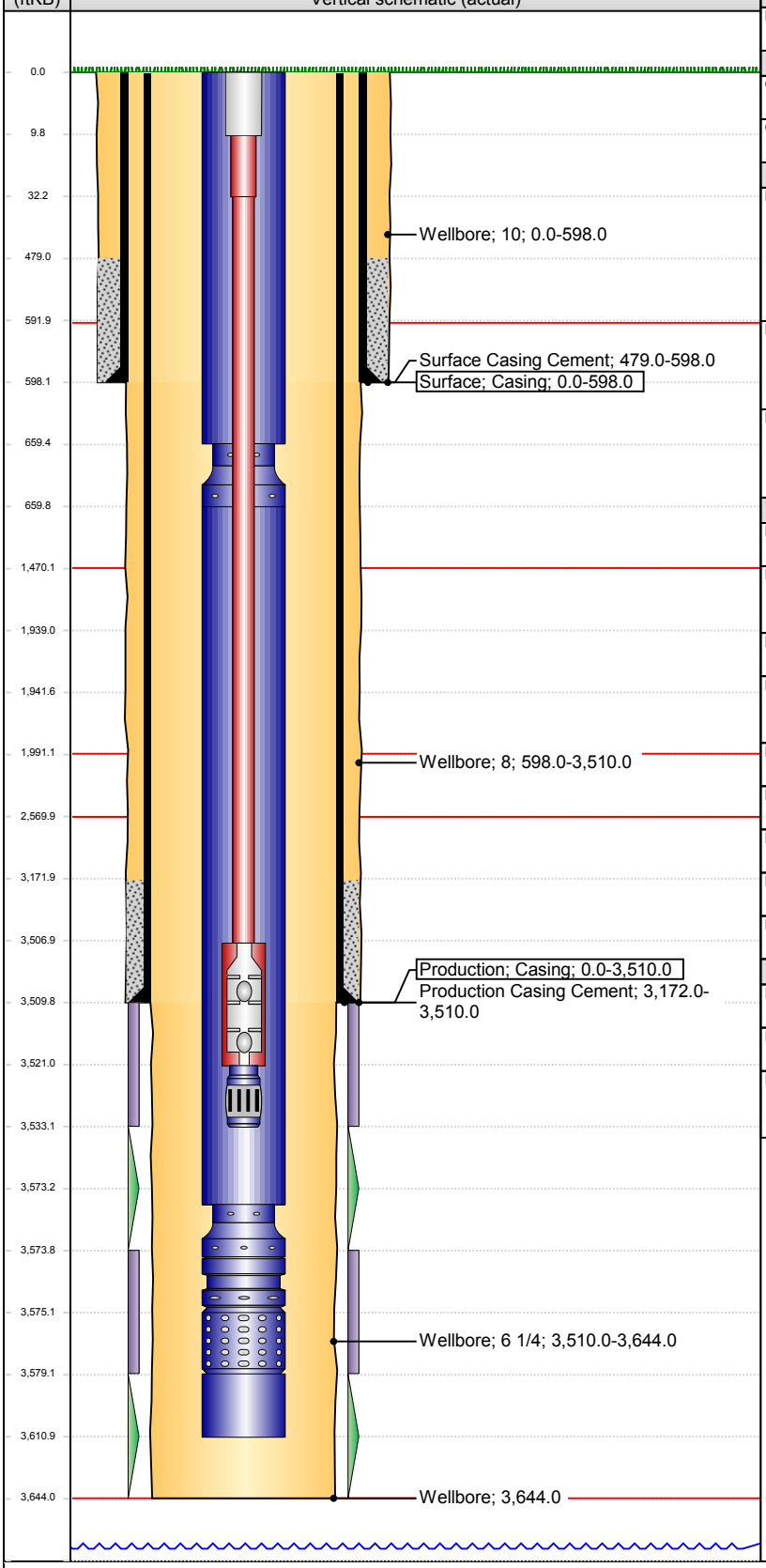
NM Regulatory Schematic

Well Name: STATE A 01

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
3001505168	PBNM - PB-SKELLY	Eddy	NM	16	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,788.00	3,788.00	0.00	10/30/1936		2/15/1937	32° 49' 57.9" N	103° 52' 34.68" W	Yes

Original Hole, 2/25/2015 11:13:17 AM



Original Hole Data

Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag
1,980.0	FSL	1,980.0	FWL

Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Surface	598.0	8 5/8	8.017	28.00	H-40	11/8/1936
Production	3,510.0	7	6.456	20.00	J-55	2/15/1937

Cement Stages

Prop Drill Out?	Des	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
No	Surface Casing Cement	479.0	598.0	Calculated	Cemented w/ 25 sxs TOC @ 479' (calc) Assume 1.32 cu ft /sk and 50% fillup for casing cement
No	Production Casing Cement	3,172.0	3,510.0	CBL	Cemented w/ 30 sxs Ran CBL TOC @ 3172'
No	Cement Squeeze	592.0	3,172.0	PROPOSED	PROPOSED: SQUEEZE CMT TO TOP OF SALT (592')

Tubing Components

Prop Run?	Item Description	OD (in)	ID (in)	Wt (lb/ft)	Length (ft)
No	Tubing	2 7/8	2.441	6.50	659.32
No	Cross Over 2 7/8 EUE X 2 7/8 11 V pin	2 7/8	2.441		0.60
No	Tubing	2 7/8	2.441	6.50	2,913.40
No	Cross Over 2 7/8 11V X 2 7/8 8 rd EUE	2 7/8	2.441		0.60
No	Pump Seating Nipple	2 7/8	2.500		1.10
No	Perforated Joint	2 7/8	2.441	6.40	4.04
No	Mud Anchor with BP	2 7/8	2.441	6.40	31.70
Yes	Tubing	2 3/8	1.995	4.70	1,939.00
Yes	Packer	2 3/8			2.75

Formations

Formation	Final Top...	Final Btm...	Comment
SALT	592.0	1,470.0	
SEVEN RIVERS	1,991.0	2,570.0	PROPOSED INJECTION INTERVAL
GRAYBURG-SAN ANDRES	2,570.0	3,644.0	PROPOSED INJECTION INTERVAL

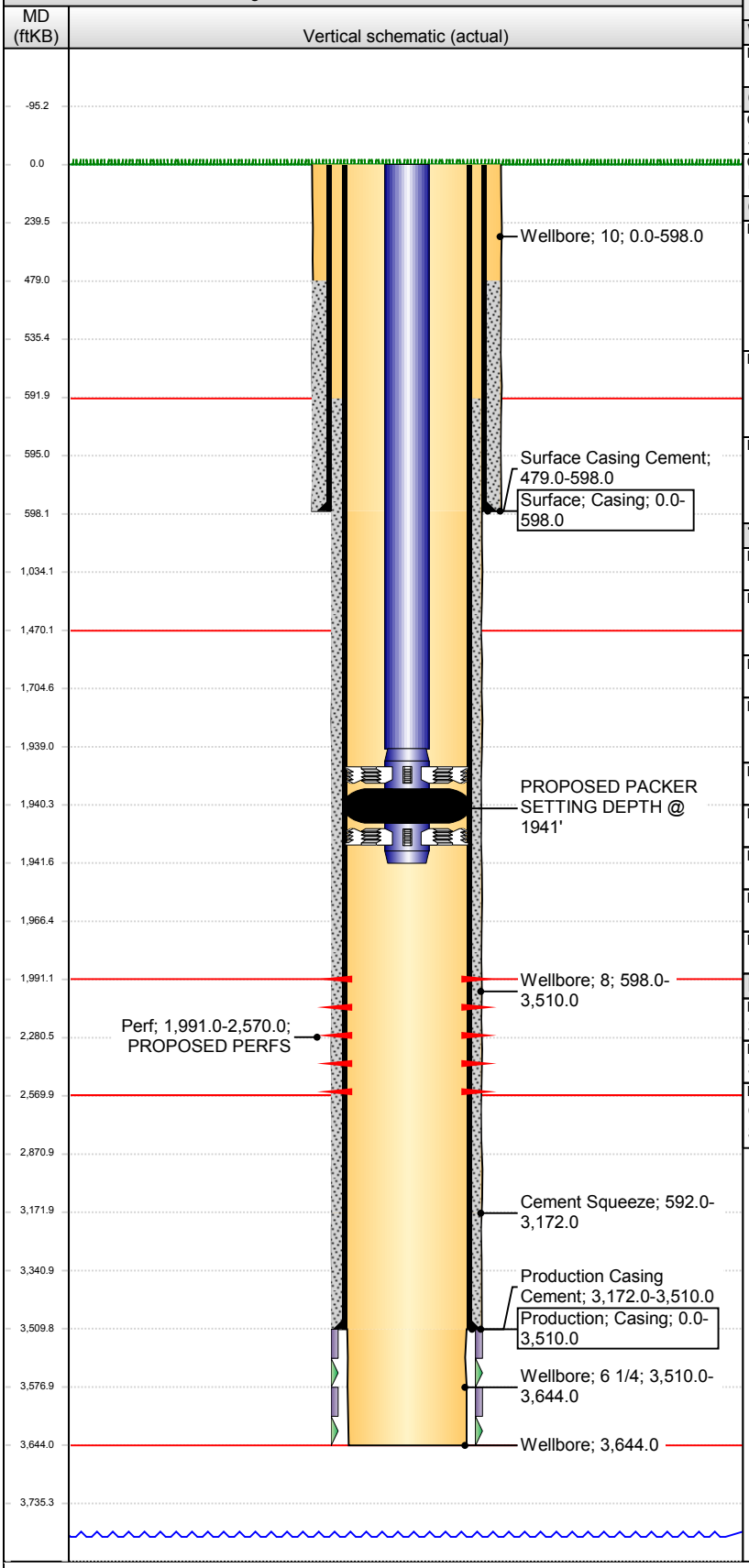
NM Regulatory Schematic

Well Name: STATE A 01

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
3001505168	PBNM - PB-SKELLY	Eddy	NM	16	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,788.00	3,788.00	0.00	10/30/1936		2/15/1937	32° 49' 57.9" N	103° 52' 34.68" W	Yes

Original Hole, 2/25/2015 11:16:35 AM



Original Hole Data

Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag
1,980.0	FSL	1,980.0	FWL

Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Surface	598.0	8 5/8	8.017	28.00	H-40	11/8/1936
Production	3,510.0	7	6.456	20.00	J-55	2/15/1937

Cement Stages

Prop Drill Out?	Des	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
No	Surface Casing Cement	479.0	598.0	Calculated	Cemented w/ 25 sxs TOC @ 479' (calc) Assume 1.32 cu ft /sk and 50% fillup for casing cement
No	Production Casing Cement	3,172.0	3,510.0	CBL	Cemented w/ 30 sxs Ran CBL TOC @ 3172'
No	Cement Squeeze	592.0	3,172.0	PROPOSED	PROPOSED: SQUEEZE CMT TO TOP OF SALT (592')

Tubing Components

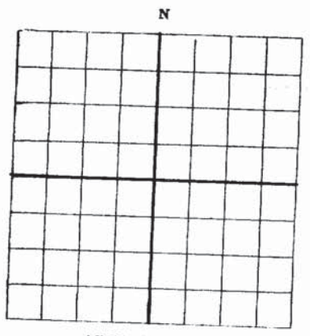
Prop Run?	Item Description	OD (in)	ID (in)	Wt (lb/ft)	Length (ft)
No	Tubing	2 7/8	2.441	6.50	659.32
No	Cross Over 2 7/8 EUE X 2 7/8 11 V pin	2 7/8	2.441		0.60
No	Tubing	2 7/8	2.441	6.50	2,913.40
No	Cross Over 2 7/8 11V X 2 7/8 8 rd EUE	2 7/8	2.441		0.60
No	Pump Seating Nipple	2 7/8	2.500		1.10
No	Perforated Joint	2 7/8	2.441	6.40	4.04
No	Mud Anchor with BP	2 7/8	2.441	6.40	31.70
No	Tubing	2 3/8	1.995	4.70	1,939.00
No	Packer	2 3/8			2.75

Formations

Formation	Final Top...	Final Btm...	Comment
SALT	592.0	1,470.0	
SEVEN RIVERS	1,991.0	2,570.0	PROPOSED INJECTION INTERVAL
GRAYBURG-SAN ANDRES	2,570.0	3,644.0	PROPOSED INJECTION INTERVAL

FORM C-105

Drlg



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE.

Murchison and Closuit, Inc. — Artesia, New Mexico
Company or Operator — Address

State "A" — Well No. 1 — in NE SW of Sec. 16, T. 17
Lease

R. 31, N. M. P. M., ~~Artesia~~ Grayburg Jackson Field, Eddy County.

Well is 3300 feet south of the North line and 3300 feet west of the East line of section 16.

If State land the oil and gas lease is No. _____ Assignment No. _____

If patented land the owner is _____ Address _____

If Government land the permittee is _____ Address _____

The Lessee is _____ Address _____

Drilling commenced 10-30-36 19___ Drilling was completed 2-15-37 19___

Name of drilling contractor Emery Carper Address Artesia, New Mexico

Elevation above sea level at top of casing 3788 feet.

The information given is to be kept confidential until _____ 19___

OIL SANDS OR ZONES

No. 1, from 2130 to 2135 Gas sho No. 4, from 3560 to 3570 Oil & Gas
No. 2, from 2150 to 2159 O & G No. 5, from 3610 to 2613 Oil & Gas
No. 3, from 3520 to 3525 O& G No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from 543 to 550 feet. 10 bailers per hr.
No. 2, from _____ to _____ feet. _____
No. 3, from _____ to _____ feet. _____
No. 4, from _____ to _____ feet. _____

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED FROM	PERFORATED TO	PURPOSE
8 5/8	28#			598					
7	20#		National	3510	Float				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
	8 5/8	598'	25	Halliburton		
	7"	3510'	30	Halliburton		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth Set _____

Adapters—Material _____ Size _____

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
		HCl Acid	2,000	2-18-37		

Results of shooting or chemical treatment Production increase from 105 bbls to 160 bbls per day

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

Cable tools were used from 0 feet to 3644' feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing 2-22-37 19___

The production of the first 24 hours was 160 barrels of fluid of which 100 % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, Be _____

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Jim Hammond, Driller — Charles Blount, Driller
E. S. Wescott, Driller — _____, Driller

FORMATION RECORD ON OTHER SIDE

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Subscribed and sworn to before me this 9th day of April, 19 37

SEAL

Elaine Feemster
Notary Public

My Commission expires 8-10-39

Artesia, New Mexico 4-9-37
Place — Date

Name J. H. Randle

Position Supt.

Representing Murchison and Closuit, Inc.
Company or Operator

Address Artesia, New Mexico

FROM	TO	THICKNESS IN FEET	FORMATION
0	95		Surface sand and caliche
95	330		Red beds
330	515		Anhy
515	570		Red beds
570	592		Anhy
592	918		Salt
918	930		Anhy
930	1300		Salt
1300	1310		Anhy
1310	1470		Salt
1470	1695		Anhy
1695	1710		Red sandy shale
1710	1735		Anhy
1735	1750		Brown shale
1750	1775		Anhy
1775	1795		Red shale
1795	2130		Anhy and brown shale
2130	2135		Sandy lime
2135	2150		Anhy
2150	2159		Brown Lime Oil and gas show
2159	2555		Anhy
2555	2585		Red sand
2585	2611		Anhy
2611	2616		Grey lime
2616	2710		Anhy
2710	2730		Lime
2730	2875		Anhy
2875	2895		Grey Lime
2895	2930		Anhy and shale
2930	3210		Lime
3210	3215		Slate
3215	3412		Lime
3412	3420		Black shale
3420	3644		Lime
3644			Total depth

Side 1

INJECTION WELL DATA SHEET

OPERATOR: LINN OPERATING, INC.

WELL NAME & NUMBER: STATE A #002 API: 30-015-05169

WELL LOCATION: 1650 FSL, 990 FWL | L | 16 | 17S | 31E

FOOTAGE LOCATION | UNIT LETTER | SECTION | TOWNSHIP | RANGE

WELLBORE SCHEMATIC

* Proposed sqz job from 2100' - Surf

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 10.0" Casing Size: 8.625"

Cemented with: 50 sx. ***or*** _____ ft^3

Top of Cement: Surf Method Determined: Circ.

Intermediate Casing

Hole Size: _____ Casing Size: _____

Cemented with: _____ sx. ***or*** _____ ft^3

Top of Cement: _____ Method Determined: _____

Production Casing

Hole Size: 8.25" Casing Size: 6.625"

Cemented with: 100 sx. ***or*** _____ ft^3

Top of Cement: 2100' Method Determined: CBL

Total Depth: 3530' TVD

Injection Interval

1925' (Perf) feet to 3530' (Open Hole)

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2-3/8 Lining Material: Internal Plastic Coated

Type of Packer: 6.625" x 2.75' (Arrowset-1X (NP) Pkr w/ On/Off Tool)

Packer Setting Depth: 1875'

Other Type of Tubing/Casing Seal (if applicable): _____

Additional Data

1. Is this a new well drilled for injection? _____Yes __x__No

   If no, for what purpose was the well originally drilled? OIL PRODUCTION

   _____

2. Name of the Injection Formation: SEVEN RIVERS

3. Name of Field or Pool (if applicable): GRAYBURG JACKSON;SR-Q-G-SA

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. NO

   _____

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: GRAYBURG, YATES, SAN ANDRES

   _____

   _____

   _____

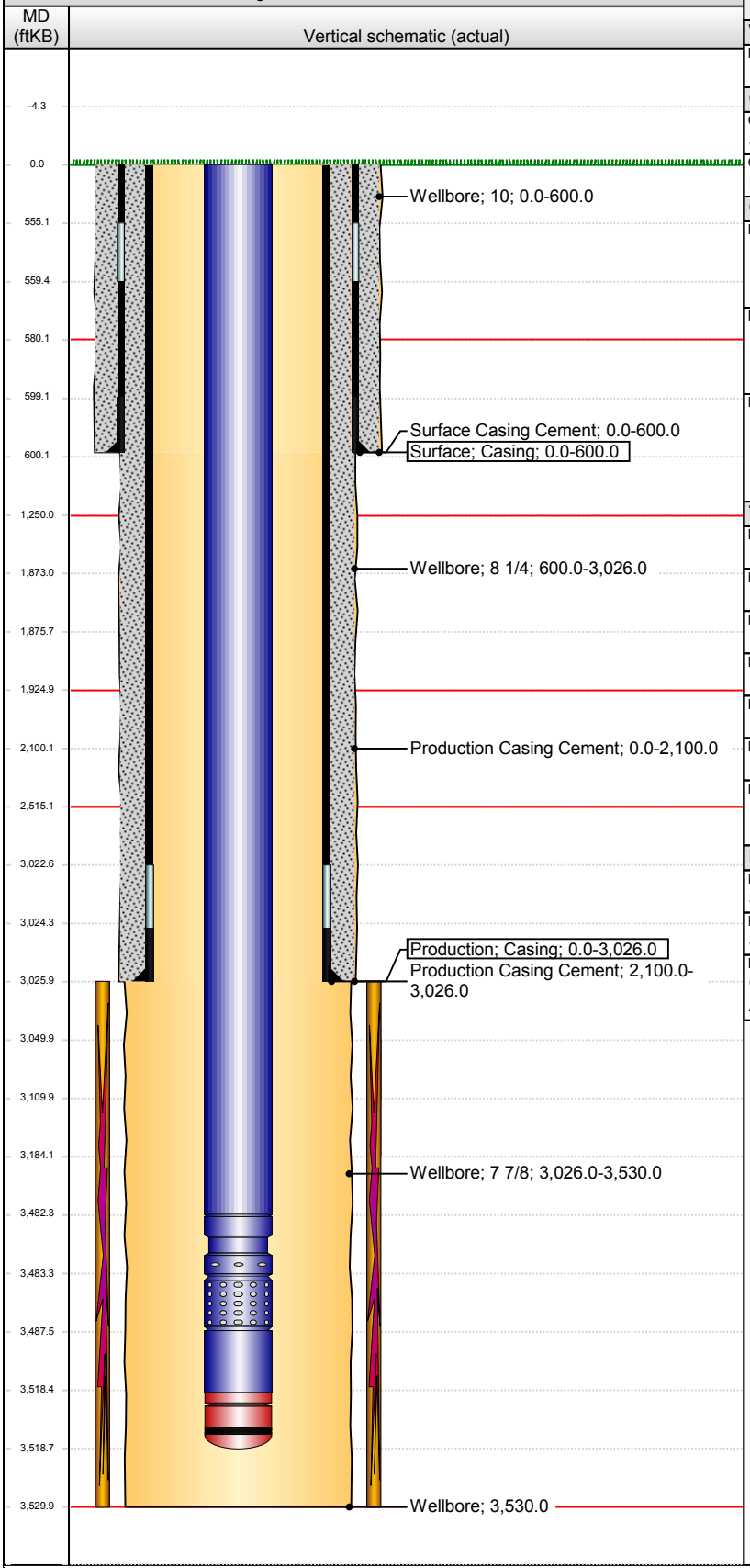
NM Regulatory Schematic

Well Name: STATE A 02

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
3001505169	PBNM - PB-SKELLY	Eddy	NM	16	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,760.00	3,760.00	0.00	1/29/1938			32° 49' 54.48" N	103° 52' 45.84" W	Yes

Original Hole, 2/24/2015 4:09:52 PM



Original Hole Data

Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag
1,650.0	FSL	990.0	FWL

Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Surface	600.0	8 5/8	8.097	24.00	K-55	2/5/1938
Production	3,026.0	6 5/8	6.049	20.00	J-55	3/15/1938

Cement Stages

Prop Drill Out?	Des	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
No	Surface Casing Cement	0.0	600.0	Returns to Surface	Cemented w/ 50 sx. TOC @ surface (returns to surf).
No	Production Casing Cement	2,100.0	3,026.0	Cement Bond Log	Cemented w/ 100 sx. TOC @ 2100' (CBL).
Prop Drill Out?	Des	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
No	Production Casing Cement	0.0	2,100.0	Cement Bond Log	PROPOSED: Squeeze cement behind pipe to bring to surface.

Tubing Components

Prop Run?	Item Description	OD (in)	ID (in)	Wt (lb/ft)	Length (ft)
No	Tubing	2 3/8	1.995	4.70	3,486.68
No	Pump Seating Nipple	2 3/8			1.10
No	Perforated Joint	2 3/8			4.00
No	Tubing	2 3/8	1.995	4.70	31.00
No	Bull Plug	2 3/8			0.40
Yes	IPC Tubing	2 3/8	1.995	4.70	1,873.00
Yes	Arrowset-1X (NP) Pkr w/ On/off Tool	6 5/8			2.75

Formations

Formation	Final Top...	Final Btm...	Comment
Salt	580.0	1,250.0	
Seven Rivers	1,925.0	2,515.0	PROPOSED: INJECTION INTERVAL
Grayburg - San Andres	2,515.0	3,530.0	PROPOSED: INJECTION INTERVAL

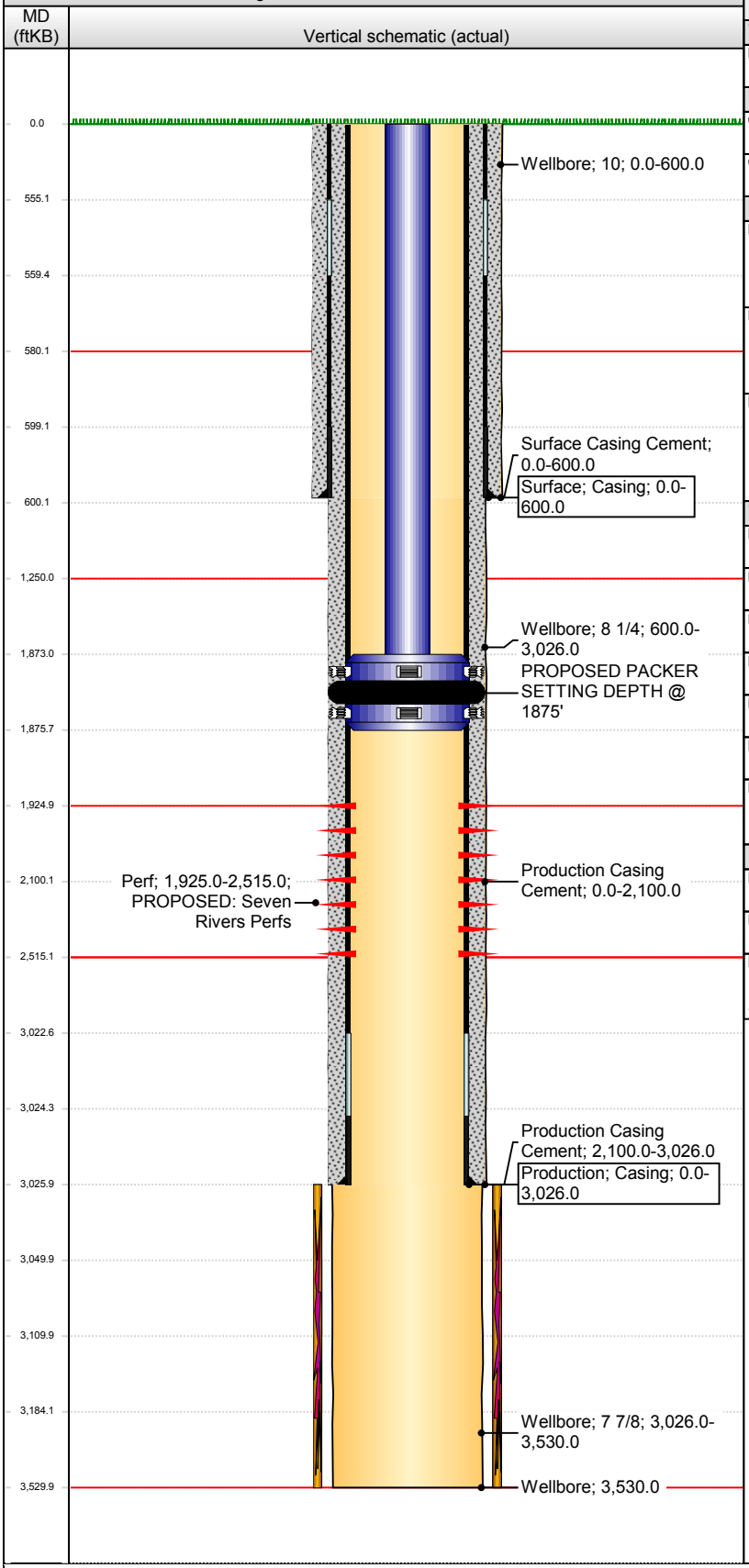
NM Regulatory Schematic

Well Name: STATE A 02

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
3001505169	PBNM - PB-SKELLY	Eddy	NM	16	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,760.00	3,760.00	0.00	1/29/1938			32° 49' 54.48" N	103° 52' 45.84" W	Yes

Original Hole, 2/24/2015 4:09:08 PM



Original Hole Data

Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag
1,650.0	FSL	990.0	FWL

Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Surface	600.0	8 5/8	8.097	24.00	K-55	2/5/1938
Production	3,026.0	6 5/8	6.049	20.00	J-55	3/15/1938

Cement Stages

Prop Drill Out?	Des	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
No	Surface Casing Cement	0.0	600.0	Returns to Surface	Cemented w/ 50 sx. TOC @ surface (returns to surf).
No	Production Casing Cement	2,100.0	3,026.0	Cement Bond Log	Cemented w/ 100 sx. TOC @ 2100' (CBL).
	Production Casing Cement	0.0	2,100.0	Cement Bond Log	PROPOSED: Squeeze cement behind pipe to bring to surface.

Tubing Components

Prop Run?	Item Description	OD (in)	ID (in)	Wt (lb/ft)	Length (ft)
No	Tubing	2 3/8	1.995	4.70	3,486.68
No	Pump Seating Nipple	2 3/8			1.10
No	Perforated Joint	2 3/8			4.00
No	Tubing	2 3/8	1.995	4.70	31.00
No	Bull Plug	2 3/8			0.40
No	IPC Tubing	2 3/8	1.995	4.70	1,873.00
No	Arrowset-1X (NP) Pkr w/ On/off Tool	6 5/8			2.75

Formations

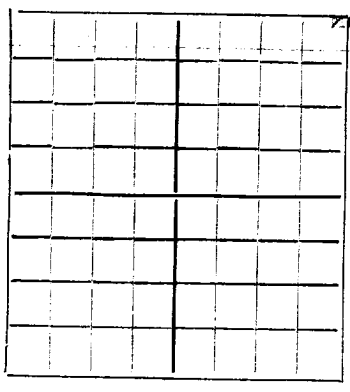
Formation	Final Top...	Final Btm...	Comment
Salt	580.0	1,250.0	
Seven Rivers	1,925.0	2,515.0	PROPOSED: INJECTION INTERVAL
Grayburg - San Andres	2,515.0	3,530.0	PROPOSED: INJECTION INTERVAL

FORM C-105

N.

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico



AREA 640 ACRES
LOCATE WELL CORRECTLY

RECEIVED
MAY 17 1938
HOBBS OFFICE

WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE.

DUPLICATE

Murchison & Clomit, Inc. (Company or Operator) Artesia, New Mexico (Address)

State A (Lease) Well No. 2 in NW¼, SW¼ of Sec. 16, T. 17

R. 31, N. M. P. M., Artesia Field, Eddy County.

Well is 3630 feet south of the North line and 4290 feet west of the East line of Sec.16,T17,R.31

If State land the oil and gas lease is No. Assignment No.

If patented land the owner is, Address

If Government land the permittee is, Address

The Lessee is, Address

Drilling commenced January 29th 1938. Drilling was completed April 23rd, 1938

Name of drilling contractor C. B. Suppes, Address Tulsa, Oklahoma

Elevation above sea level at top of casing 3585 feet.

The information given is to be kept confidential until 19.

OIL SANDS OR ZONES

No. 1, from 2130 011 to No. 4, from 3375 to 3383

No. 2, from 2832 to 2835 011 No. 5, from 3390 to

No. 3, from 3076 to 3080 011 No. 6, from 3557 to

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from 475 to 480 feet.

No. 2, from to feet.

No. 3, from to feet.

No. 4. from to feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED FROM	PERFORATED TO	PURPOSE
8 5/8	24#	8 thd.		600					
6 5/8	20#	10 thd.		3026					

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
10"	8 5/8	600	50	Halliburton		
8 1/4"	7"	3026	100	Halliburton		

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth Set

Adapters—Material Size

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
		Dowell 15% acid	3000			

Results of shooting or chemical treatment Production increased from 50 to 75 barrels per day

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

TOOLS USED

Rotary tools were used from feet to feet, and from feet to feet

Cable tools were used from 0 feet to 3184 feet, and from feet to feet

PRODUCTION

Put to producing, 19

The production of the first 24 hours was barrels of fluid of which % was oil; % emusion; % water; and % sediment. Gravity, Be

If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in.

EMPLOYEES

C. B. Hixson, Driller Art Cormley, Driller

Walter Herkimer, Driller , Driller

FORMATION RECORD ON OTHER SIDE

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Subscribed and sworn to before me this 14th day of May, 19 38

Laura Ida Watson
Notary Public.

My Commission expires 4/21/40

Artesia, New Mexico (Place) May 14th, 1938 (Date)

Name Dale Thomas

Position Superintendent

Representing Murchison & Clomit, Inc. (Company or Operator)

Address Box 655, Artesia, New Mexico

FROM	TO	THICKNESS IN FEET	FORMATION	
0	20	20	Caliche	
20	30	10	Red Sand	
30	135	105	Red Rock	
135	160	25	Red Sand	
160	315	155	Red Rock	
315	345	30	Anhydrite	
345	350	5	Red Rock	
350	475	125	Anhydrite	
475	480	5	Water	Could not lower with bailer
480	535	55	Red Rock	
535	550	15	Anhydrite	
550	580	30	Salt	
580	590	10	Anhydrite	
590	1170	580	Salt	
1170	1185	15	Anhydrite	
1185	1250	65	Salt	
1250	1311	61	Anhydrite	
1311	1425	114	Salt & Anhydrite	
1425	1435	10	Anhydrite	
1435	1570	135	Anhydrite	
1570	1590	20	Anhydrite & White Lime	
1590	1624	34	Anhydrite & Gray Lime	
1624	1680	56	Anhydrite & Red Rock	
1680	1730	50	Anhydrite	
1730	1780	50	Red Sandy Shale & Anhy.	
1780	1850	70	Anhydrite -Light	
1850	1860	10	Anhydrite & Red Rock	
1860	1894	34	Anhydrite	
1894	1901	7	Anhydrite & Dark Shale	
1901	1970	69	Anhydrite & Shale	
1970	2055	85	Anhydrite & Brown Lime	
2055	2111	56	Anhydrite	Gas Show - 2110
2111	2130	19	Anhydrite & Lime	Oil Show 2130
2130	2168	38	Brown Lime	
2168	2190	22	Anhydrite & Lime	
2190	2270	80	Anhydrite & Gray Lime	
2270	2290	20	Lime	
2290	2295	5	Anhydrite & Lime	
2295	2325	30	Anhydrite & Red Shale	
2325	2382	57	Anhydrite & Lime	
2382	2467	85	Anhydrite, Lime & Shale	
2467	2490	23	Lime	
2490	2495	5	Anhydrite, Lime & Light Shale	
2495	2520	25	Anhydrite & Shale	
2520	2550	30	Red Sand	
2550	2575	25	Anhydrite	
2575	2590	15	Anhydrite & Gray Lime	
2590	2680	90	Anhydrite & Lime	
2680	2697	17	Lime	
2697	2709	12	Brown Lime	
2709	2725	16	Gray Lime & Anhydrite	
2725	2777	52	Lime	
2777	2825	48	Broken Lime & Anhydrite	
2825	2845	20	Brown Sand & Anhydrite	Oil Show 2832-35
2845	2850	5	Gray Lime	
2850	2866	16	Sandy Lime	
2866	2890	24	Gray Lime	
2890	2895	5	Anhydrite	
2895	2905	10	Brown Lime	
2905	2910	5	Gray Lime	
2910	2920	20	Brown Lime	
2920	2955	35	Gray Lime	
2955	2960	5	Sandy Lime	
2960	2975	15	Gray Sandy Lime	
2975	2980	5	Gray Sandy Lime	
2980	2990	10	Sandy Lime	
2990	3005	15	Gray Sandy Lime	
3005	3030	25	Gray Lime	
3030	3065	35	Sandy Lime	Gas Show - 3035
3065	3080	15	Gray Lime	Oil Show
3080	3090	10	Sandy Gray Lime	
3090	3100	10	Sandy Lime -Light	
3100	3105	5	Gray Lime -Hard	
3105	3110	5	Gray Lime	
3110	3145	35	Brown Lime	
3145	3158	13	Lime	
3158	3195	37	Gray Lime	Oil Show - 3180
3195	3220	25	White Lime	
3220	3260	40	Brown Lime	
3260	3300	40	White Lime	
3300	3358	58	Lime	
3358	3370	12	White Lime	
3370	3390	20	Lime and Sand -Hard	Oil Show 3378-3383
3390	3410	20	Lime Broken	
3410	3440	30	White Lime	Oil Show 3440
3440	3458	18	Gray Lime	
3458	3515	57	White Lime	
3515	3557	42	Lime	Gas 3540 Oil Show 3557
3557	3580	23	Lime	
3580	3585	5	Gray Lime - Hard	

Side 1

INJECTION WELL DATA SHEET

OPERATOR: LINN OPERATING, INC.

WELL NAME & NUMBER: STATE AZ #002 API: 30-015-05175

WELL LOCATION:	330 FSL, 990 FWL	M	16	17S	31E
	FOOTAGE LOCATION	UNIT LETTER	SECTION	TOWNSHIP	RANGE

WELLBORE SCHEMATIC

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 11.0" Casing Size: 8.625"

Cemented with: 155 sx. ***or*** _____ ft^3

Top of Cement: Surface Method Determined: Circ.

Intermediate Casing

Hole Size: _____ Casing Size: _____

Cemented with: _____ sx. ***or*** _____ ft^3

Top of Cement: _____ Method Determined: _____

Production Casing

Hole Size: 8.0" Casing Size: 7.0"

Cemented with: 250 sx. ***or*** _____ ft^3

Top of Cement: 23' Method Determined: Calc.

Total Depth: 2158' TVD

Injection Interval

1874' (Perf) feet to 2158' (Open Hole)

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2-3/8 Lining Material: Internal Plastic Coated

Type of Packer: 7.0' x 2.75" (Arrowset-1X (NP) Pkr w/ On/Off Tool)

Packer Setting Depth: 1824'

Other Type of Tubing/Casing Seal (if applicable): _____

Additional Data

1. Is this a new well drilled for injection? _____Yes __x__No

   If no, for what purpose was the well originally drilled? OIL PRODUCTION

   _____

2. Name of the Injection Formation: SEVEN RIVERS

3. Name of Field or Pool (if applicable): GRAYBURG JACKSON;SR-Q-G-SA

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. NO

   _____

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: GRAYBURG, YATES, SAN ANDRES

   _____

   _____

   _____

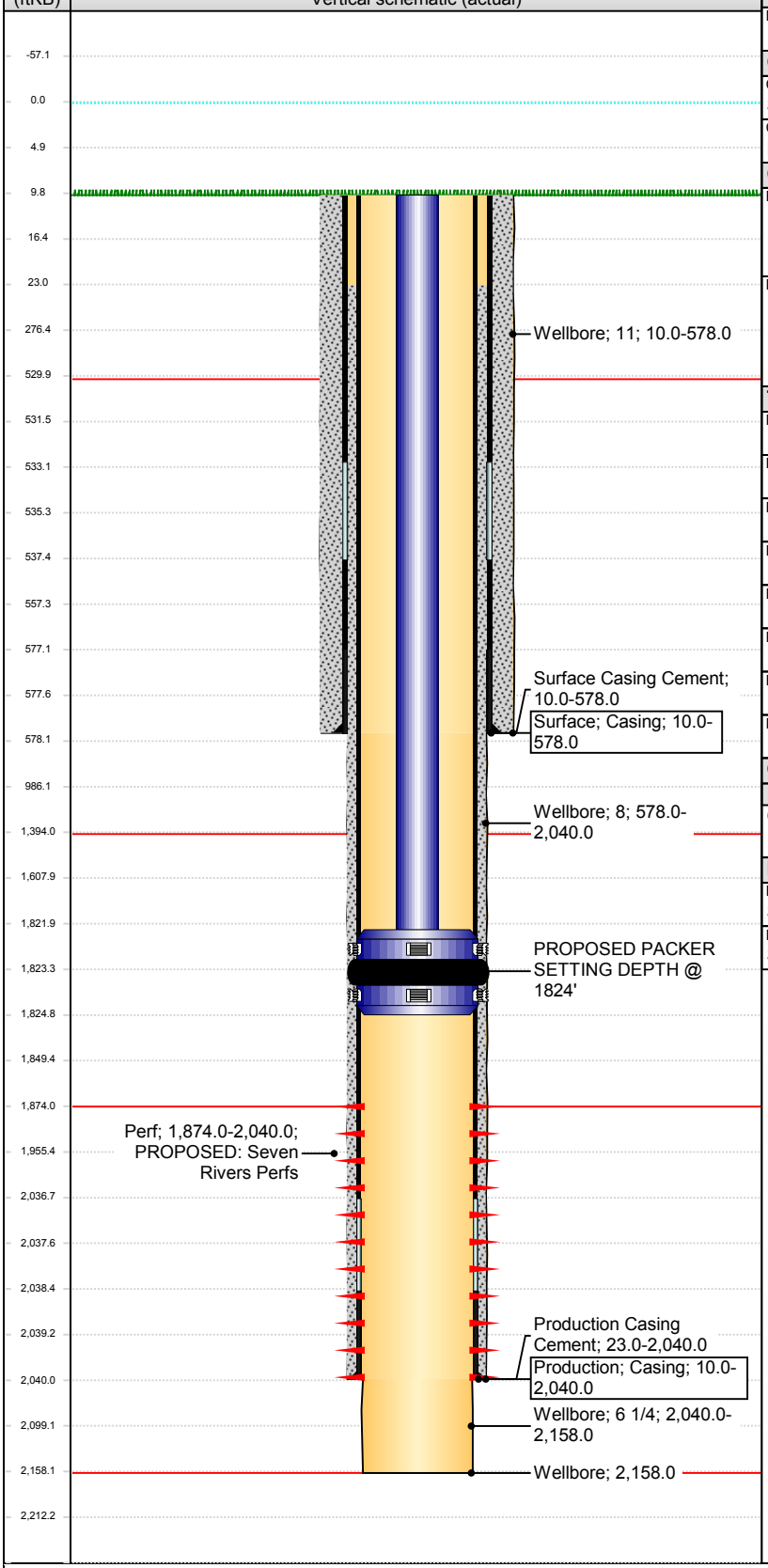
NM Regulatory Schematic

Well Name: STATE AZ 02

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
3001505175	PBNM - PB-SKELLY	Eddy	NM	16	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,755.00	3,765.00	10.00	8/3/1949			32° 49' 41.628" N	103° 52' 46.56" W	Yes

Original Hole, 2/26/2015 2:22:35 PM



Original Hole Data

Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag
330.0	FSL	990.0	FWL

Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Surface	578.0	8 5/8	8.017	28.00	H-40	7/19/1949
Production	2,040.0	7	6.456	20.00	J-55	8/4/1949

Cement Stages

Prop Drill Out?	Des	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
No	Surface Casing Cement	10.0	578.0	Returns to Surface	Cemented w/ 155 sx. TOC @ surface. Circ cmt to surface.
No	Production Casing Cement	23.0	2,040.0	Calculated	Cemented w/ 250 sx. TOC @ 23' (calc). Assumes 1.32 cu ft/sx and 50% fillup.

Tubing Components

Prop Run?	Item Description	OD (in)	ID (in)	Wt (lb/ft)	Length (ft)
	Tubing	2 3/8	1.995	4.60	2,035.00
	Anchor/catcher	2 3/8			3.00
	Tubing	2 3/8	1.995	4.60	20.00
	Seating Nipple	2 3/8			3.00
	Tubing	2 3/8	1.995	4.60	65.00
	Gas anchor	2 3/8			2.00
No	Tubing	2 3/8	1.995	4.70	1,822.00
No	Packer	7			2.75

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Com
OH Perf w/ 120 qts SNG	2,070.0	2,115.0	8/8/1949	

Formations

Formation	Final Top...	Final Btm...	Comment
Salt	530.0	1,394.0	
Seven Rivers	1,874.0	2,158.0	PROPOSED: INJECTION INTERVAL

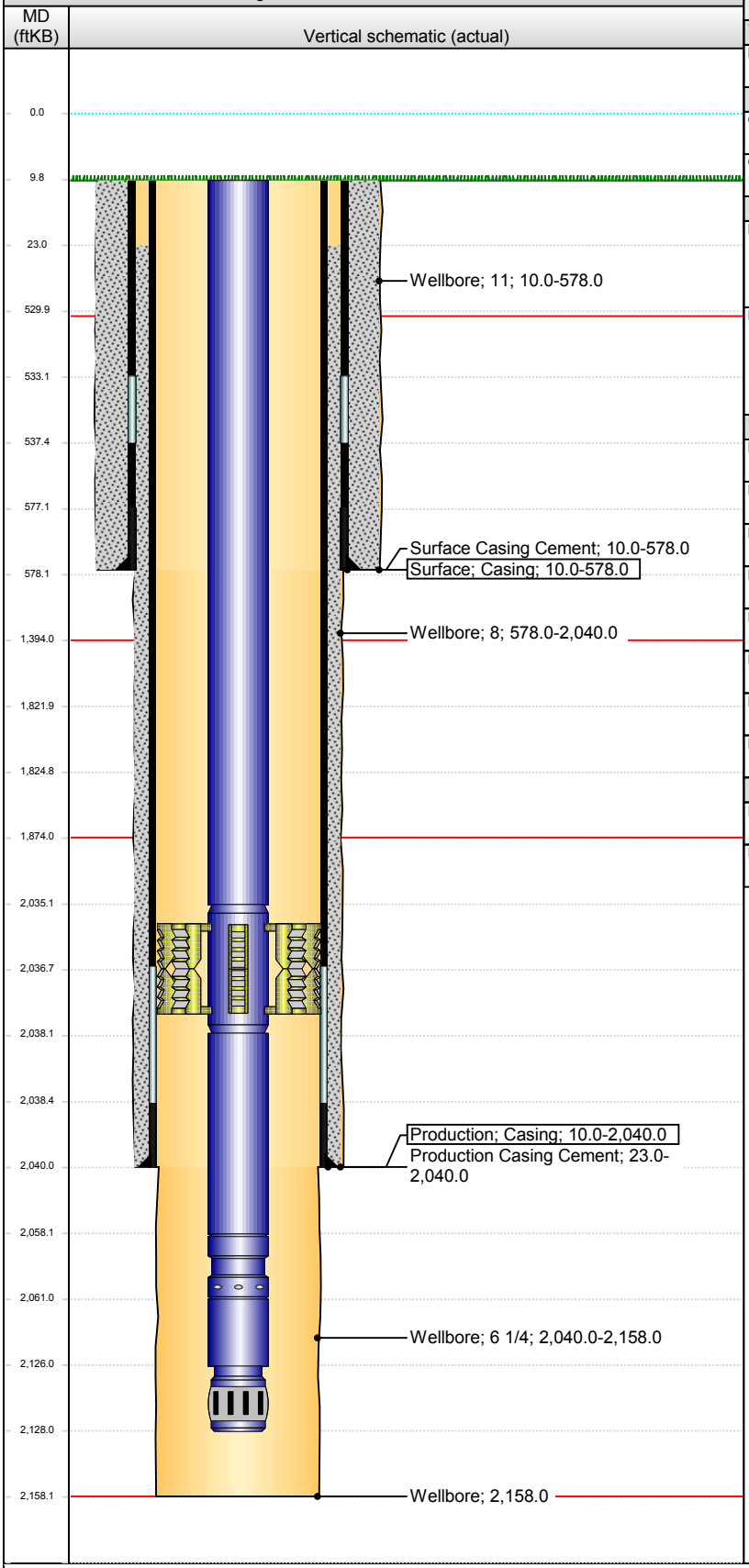
NM Regulatory Schematic

Well Name: STATE AZ 02

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
3001505175	PBNM - PB-SKELLY	Eddy	NM	16	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,755.00	3,765.00	10.00	8/3/1949			32° 49' 41.628" N	103° 52' 46.56" W	Yes

Original Hole, 2/26/2015 2:23:40 PM



Original Hole Data

Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag
330.0	FSL	990.0	FWL

Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Surface	578.0	8 5/8	8.017	28.00	H-40	7/19/1949
Production	2,040.0	7	6.456	20.00	J-55	8/4/1949

Cement Stages

Prop Drill Out?	Des	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
No	Surface Casing Cement	10.0	578.0	Returns to Surface	Cemented w/ 155 sx. TOC @ surface. Circ cmt to surface.
No	Production Casing Cement	23.0	2,040.0	Calculated	Cemented w/ 250 sx. TOC @ 23' (calc). Assumes 1.32 cu ft/sx and 50% fillup.

Tubing Components

Prop Run?	Item Description	OD (in)	ID (in)	Wt (lb/ft)	Length (ft)
No	Tubing	2 3/8	1.995	4.60	2,035.00
No	Anchor/catcher	2 3/8			3.00
No	Tubing	2 3/8	1.995	4.60	20.00
No	Seating Nipple	2 3/8			3.00
No	Tubing	2 3/8	1.995	4.60	65.00
No	Gas anchor	2 3/8			2.00
Yes	Tubing	2 3/8	1.995	4.70	1,822.00
Yes	Packer	7			2.75

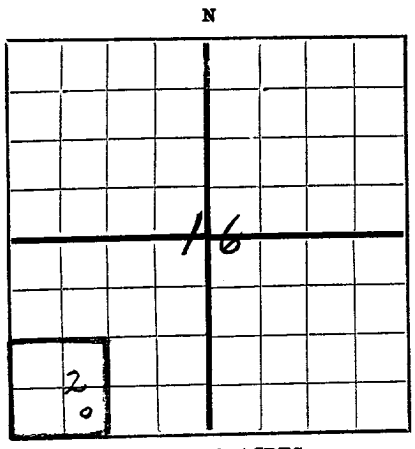
Formations

Formation	Final Top...	Final Btm...	Comment
Salt	530.0	1,394.0	
Seven Rivers	1,874.0	2,158.0	PROPOSED: INJECTION INTERVAL

DUPLICATE

RECEIVED
SEP 21 1949
HOBBS OFFICE

FORM C-105



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

Pacific Western Oil Corp. (Company or Operator) Tulsa, Oklahoma (Address)

State "F" (Lease) Well No. 2 in SW/4 SW/4 of Sec. 16, T. 17S

R. 31E, N. M. P. M., Fren Field, Eddy County.

Well is 4950 feet south of the North line and 4290 feet west of the East line of Section 16.

If State land the oil and gas lease is No. B-1565 Assignment No. 1

If patented land the owner is ....., Address .....

If Government land the permittee is ....., Address .....

The Lessee is Pacific Western Oil Corp., Address .....

Drilling commenced July 13 19 49 Drilling was completed August 3 19 49

Name of drilling contractor Cactus Drlg. Co., Address San Angelo, Texas

Elevation above sea level at top of casing 3755 feet.

The information given is to be kept confidential until ..... 19.....

OIL SANDS OR ZONES

No. 1, from 2078' to 2110' No. 4, from ..... to .....

No. 2, from ..... to ..... No. 5, from ..... to .....

No. 3, from ..... to ..... No. 6, from ..... to .....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from ..... to ..... feet. .....

No. 2, from ..... to ..... feet. .....

No. 3, from ..... to ..... feet. .....

No. 4, from ..... to ..... feet. .....

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED FROM	PERFORATED TO	PURPOSE
8-5/8"	28	8R	Nat'l.	580'4"	T.P.				
7"	20#	8R	Youngs	819'					
7"	20#	8R	Rep	1332'2"	T.P.				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
11"	8-5/8"	573'	155	Halliburton		
8"	7"	2040'	250	"		

PLUGS AND ADAPTERS

Heaving plug—Material ..... Length ..... Depth Set .....

Adapters — Material ..... Size .....

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
	4" Shells	SNG	120 qts.	8-3-49	2115-2070'	2158'

Results of shooting or chemical treatment .....

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

TOOLS USED

Rotary tools were used from ..... feet to ..... feet, and from ..... feet to ..... feet

Cable tools were used from 0 feet to 2158 feet, and from ..... feet to ..... feet

PRODUCTION

Put to producing August 22, 19 49

The production of the first 24 hours was 54 barrels of fluid of which 100 % was oil; ..... % emulsion; ..... % water; and ..... % sediment. Gravity, Be. .....

If gas well, cu. ft. per 24 hours ..... Gallons gasoline per 1,000 cu. ft. of gas .....

Rock pressure, lbs. per sq. in. .....

EMPLOYEES

D. L. Inman, Driller ....., Driller

....., Driller ....., Driller

FORMATION RECORD ON OTHER SIDE

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Subscribed and sworn to before me this 23rd day of September, 19 49

K. R. Cluck
Notary Public

My Commission expires Aug 19, 1952

Hobbs, New Mexico (Place) Sept. 23, 1949 (Date)

Name J. F. Griffith

Position Dist. Clerk

Representing Skelly Oil Co., Oper. for Pacific Western Oil Corp. (Company or Operator)

Address Hobbs, New Mexico

FROM	TO	THICKNESS IN FEET	FORMATION
0	40	40	Sand & Rock
40	50	10	Red Rock
50	60	10	Sand
60	220	160	Red Rock
220	250	30	Sand Stone
250	285	35	Red Rock - Top Anhydrite 285' - Samples.
285	305	20	Anhydrite
305	320	15	Anhydrite & Shale
320	330	10	Red Rock
330	452	22	Anhydrite
452	455	3	Gray Lime
455	470	15	Anhydrite
470	480	10	Red Rock
480	486	6	SLM Correction
486	526	40	Red Shale & Anhydrite
526	536	10	Anhydrite - Top Salt 530' - Samples.
536	550	14	Anhydrite & Shale
550	1132	582	Salt
1132	1138	6	SLM Correction
1138	1395	257	Salt - Base Salt 1394' - Samples.
1395	1440	45	Anhydrite
1440	1470	30	Anhydrite & Red Shale
1470	1580	110	Anhydrite, Top Yates 1560' - Samples.
1580	1602	22	Red Rock
1602	1615	13	Red Rock & Anhydrite
1615	1715	100	Anhydrite & Red Shale Breaks
1715	1730	15	Anhydrite
1730	1745	15	Anhydrite & Shale
1745	1796	51	Anhydrite
1796	1805	9	SLM Correction
1805	1815	10	Anhydrite
1815	1985	170	Broken Anhydrite
1985	2019	34	Anhydrite & Shale
2019	2022	3	SLM Correction
2022	2035	13	Anhydrite
2035	2048	13	Anhydrite, Shale & Dolomite
2048	2050	2	Anhydrite & Dolomite
2050	2062	12	Anhydrite
2062	2078	16	Anhydrite, Dolomite, & Shale
2078	2080	2	Broken Dolomite & Shale w/ streak of Anhydrite
2080	2100	20	Anhydrite & Dolomite
2100	2110	10	Dolomite & Shale w/ streak of Anhydrite
2110	2129	19	Anhydrite, Shale, & Dolomite
2129	2146	17	Anhydrite & Shale
2146	2147	1	SLM Correction
2147	2152	5	Anhydrite & Dolomite
2152	2156	4	Anhydrite & Shale
2156	2158	2	Anhydrite
			TOTAL DEPTH - 2158'
			Well completed and placed on Proration Schedule as of August 22, 1949 with a flat top daily allowable of 40 bbls.

Side 1

INJECTION WELL DATA SHEET

OPERATOR: LINN OPERATING, INC.

WELL NAME & NUMBER: SUPERIOR FOSTER #003 API: 30-015-05189

WELL LOCATION: 1650 FSL, 455 FEL | I | 17 | 17S | 31E

FOOTAGE LOCATION | UNIT LETTER | SECTION | TOWNSHIP | RANGE

WELLBORE SCHEMATIC

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 12.0" Casing Size: 8.625"

Cemented with: 50 sx. ***or*** _____ ft^3

Top of Cement: Surface Method Determined: Circ.

Intermediate Casing

Hole Size: _____ Casing Size: _____

Cemented with: _____ sx. ***or*** _____ ft^3

Top of Cement: _____ Method Determined: _____

Production Casing

Hole Size: 7.875" Casing Size: 7.0"

Cemented with: 100 sx. ***or*** _____ ft^3

Top of Cement: 657' Method Determined: Calc.

Total Depth: 2075' TVD

Injection Interval

1846' (Perf) feet to 2075' (Open Hole)

(Perforated or Open Hole; indicate which)

Side 2

INJECTION WELL DATA SHEET

Tubing Size: 2-3/8 Lining Material: Internal Plastic Coated

Type of Packer: 7.0" x 2.75' (Arrowset-1X (NP) Pkr w/ On/Off Tool)

Packer Setting Depth: 1796'

Other Type of Tubing/Casing Seal (if applicable): _____

Additional Data

1. Is this a new well drilled for injection? _____Yes X No

   If no, for what purpose was the well originally drilled? OIL PRODUCTION

   _____

2. Name of the Injection Formation: SEVEN RIVERS

3. Name of Field or Pool (if applicable): GRAYBURG JACKSON;SR-Q-G-SA

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. NO

   _____

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: GRAYBURG, YATES, SAN ANDRES

   _____

   _____

   _____

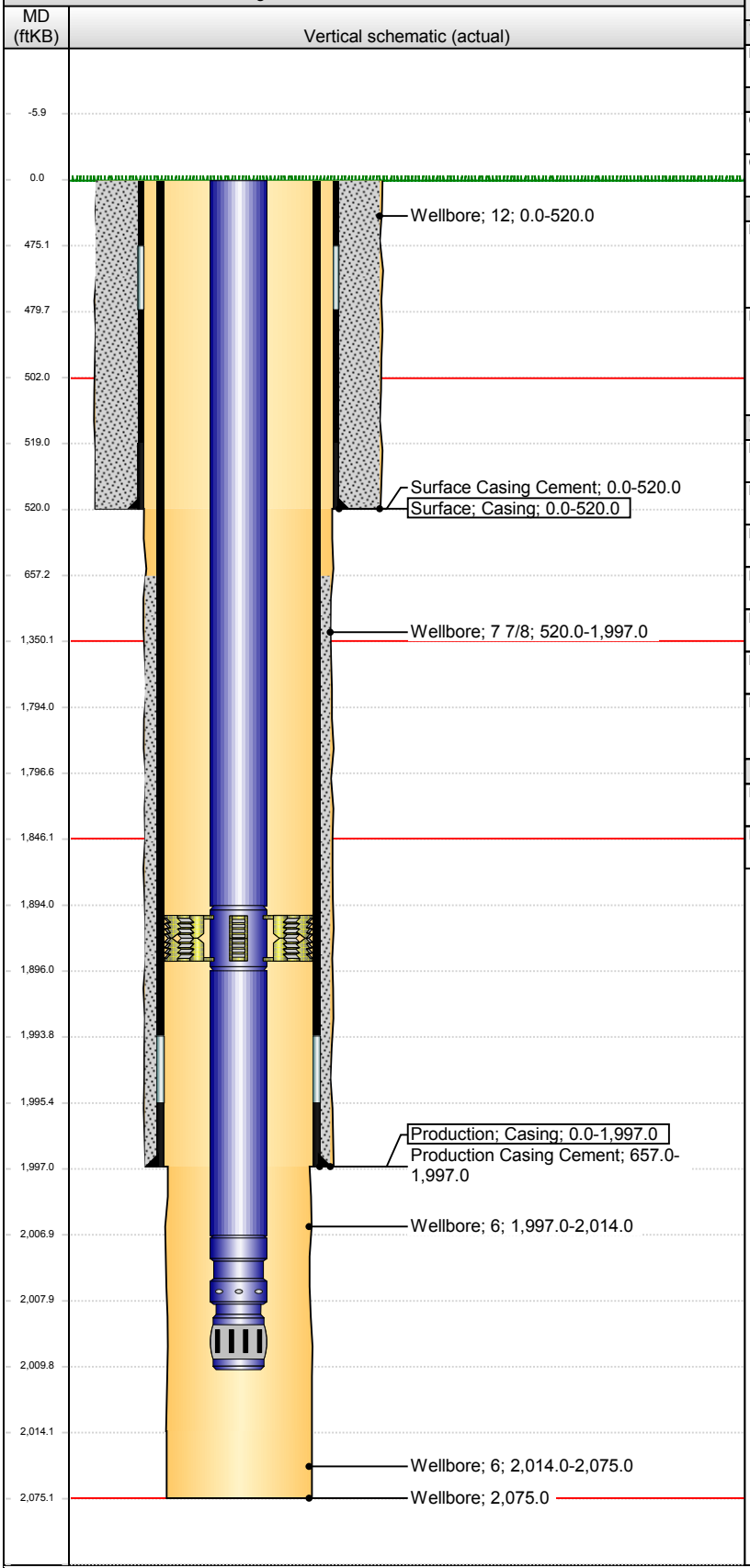
NM Regulatory Schematic

Well Name: SUPERIOR FOSTER 03

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
3001505189	PBNM - PB-SKELLY	Eddy	NM	17	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,719.00	3,719.00	0.00	7/4/1950			32° 49' 54.696" N	103° 53' 3.264" W	Yes

Original Hole, 2/26/2015 2:26:06 PM



Original Hole Data

Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag
1,650.0	FSL	455.0	FEL

Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Surface	520.0	8 5/8	8.097	24.00	K-55	7/11/1950
Production	1,997.0	7	6.366	23.00	J-55	7/31/1950

Cement Stages

Prop Drill Out?	Des	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
No	Surface Casing Cement	0.0	520.0	Returns to Surface	Cemented w/ 50 sx. TOC @ surface (circ to surf).
No	Production Casing Cement	657.0	1,997.0	Calculated	Cemented w/ 100 sx. TOC @ 657' (calc). Assumes 1.32 cu ft/sx and 50% fillup.

Tubing Components

Prop Run?	Item Description	OD (in)	ID (in)	Wt (lb/ft)	Length (ft)
No	Tubing	2 3/8	1.995	4.60	1,900.00
No	Anchor/catcher	2 3/8			2.00
No	Tubing	2 3/8	1.995	4.60	110.90
No	Pump Seating Nipple	2 3/8			1.10
No	Gas anchor	2 3/8			2.00
Yes	IPC Tubing	2 3/8	1.995	4.70	1,794.00
Yes	Arrowset-1X (NP) Pkr w/ On/off Tool	7			2.75

Formations

Formation	Final Top...	Final Btm...	Comment
Salt	502.0	1,350.0	
Seven Rivers	1,846.0	2,075.0	PROPOSED: Seven Rivers Perfs

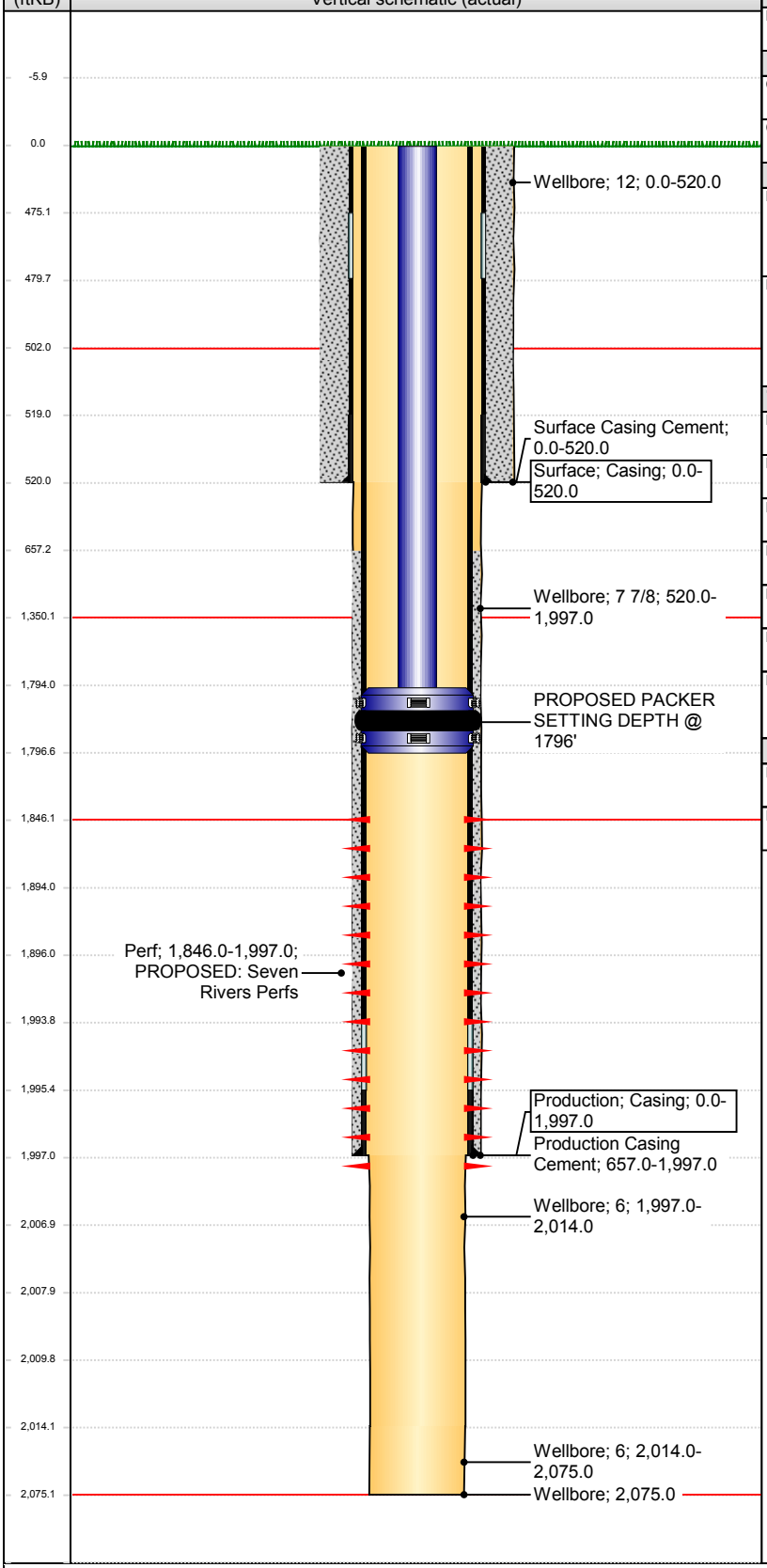
NM Regulatory Schematic

Well Name: SUPERIOR FOSTER 03

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
3001505189	PBNM - PB-SKELLY	Eddy	NM	17	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,719.00	3,719.00	0.00	7/4/1950			32° 49' 54.696" N	103° 53' 3.264" W	Yes

Original Hole, 2/26/2015 2:26:48 PM



Original Hole Data

Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag
1,650.0	FSL	455.0	FEL

Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Surface	520.0	8 5/8	8.097	24.00	K-55	7/11/1950
Production	1,997.0	7	6.366	23.00	J-55	7/31/1950

Cement Stages

Prop Drill Out?	Des	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
No	Surface Casing Cement	0.0	520.0	Returns to Surface	Cemented w/ 50 sx. TOC @ surface (circ to surf).
No	Production Casing Cement	657.0	1,997.0	Calculated	Cemented w/ 100 sx. TOC @ 657' (calc). Assumes 1.32 cu ft/sx and 50% fillup.

Tubing Components

Prop Run?	Item Description	OD (in)	ID (in)	Wt (lb/ft)	Length (ft)
Yes	Tubing	2 3/8	1.995	4.60	1,900.00
Yes	Anchor/catcher	2 3/8			2.00
Yes	Tubing	2 3/8	1.995	4.60	110.90
Yes	Pump Seating Nipple	2 3/8			1.10
Yes	Gas anchor	2 3/8			2.00
No	IPC Tubing	2 3/8	1.995	4.70	1,794.00
No	Arrowset-1X (NP) Pkr w/ On/off Tool	7			2.75

Formations

Formation	Final Top...	Final Btm...	Comment
Salt	502.0	1,350.0	
Seven Rivers	1,846.0	2,075.0	PROPOSED: Seven Rivers Perfs

Form C - 104

OIL CONSERVATION COMMISSION
STATE OF NEW MEXICO
REQUEST FOR ALLOWABLE

D	C	B	A
E	F	G	H
L	K	J	Ix
M	N	O	P

X Oil Well
Gas Well
Workover Well

Place Artesia, New Mexico
Date August 15, 1950
Designate UNIT well is located in Unit I
POOL Fren

NOTICE OF COMPLETION OF: (lease) Superior-Foster Well No. 3
1650 Feet from South Line 455 feet from East Line;
Section 17 Township 17S Range 31E

DATE STARTED July 4, 1950 DATE COMPLETED August 9, 1950
ELEVATION D. F. 3,719 TOTAL DEPTH D. F. 2,075
CABLE TOOLS Yes ROTARY TOOLS
PERFORATIONS DEPTH None OR OPEN HOLE DEPTH 78'

CASING RECORD

SIZE Surface- 8"	DEPTH SET 520'	SAX CEMENT 50
SIZE Oil String- 7"	DEPTH SET 1997'	SAX CEMENT 100
SIZE	DEPTH SET	SAX CEMENT

TUBING RECORD
SIZE 2" Upset DEPTH 2010'

ACID RECORD
NO. GALS. None
NO. GALS.
NO. GALS.

SHOT RECORD
NO. QTS. 125 qts. DuPont
NO. QTS.
NO. QTS.

FORMATION TOPS

T. Anhydrite	1350'	T. Grayburg		T. Miss.	
T. Salt	502'	T. San Andres		T. Dev.	
B. Salt	1350'	T. Glorieta		T. Sil.	
T. Yates	1495'	T. Drinkard		T. Ord.	
T. Seven Rivers	2007'	T. Wolfcamp		T. Granite Wash	
T. Queen	---	T. Penn.		T. Granite	

OIL OR GAS PAY Gas 2007'
Oil 2025-31
Oil 2060-65
WATER 1970-80 2 Bbls. per day.

Initial Production Test 9 Bbls. Pumping Flowing Yes
Test after acid or shot 20 Bbls.

Initial Gas Volume 2000 cu.ft.

DATE first oil run to tanks or gas to pipe line August 12, 1950

PIPE LINE TAKING OIL Texas-New Mexico Pipe line

REMARKS: COMPANY Murchison and Closuit

SIGNED BY Owen Contributor

OIL CONSERVATION COMMISSION BY:

Form 9-330

Budget No. 42 R355.4
Approval expires 11-30-49

U. S. LAND OFFICE .....
SERIAL NUMBER .....
LEASE OR PERMIT TO PROSPECT .....

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Murchison and Closuit Address Artesia, New Mexico

Lessor or Tract Superior-Foster Field Fren State New Mexico

Well No. 3 Sec. 17 T. 17 R. 31 Meridian N. M. P. M. County Eddy

Location 1650 ft. {N./S.} of S Line and 455 ft. {E./W.} of E Line of NE¼ of SE¼ Elevation 3719

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed .....

Date August 15, 1950 Title Superintendent

The summary on this page is for the condition of the well at above date.

Commenced drilling July 4, 1950, 19.... Finished drilling August 9, 1950, 19....

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from G- 2007 to 2018 No. 4, from ..... to .....

No. 2, from 2025 to 2031 No. 5, from ..... to .....

No. 3, from 2060 to 2065 No. 6, from ..... to .....

IMPORTANT WATER SANDS

No. 1, from 415 to 420 No. 3, from ..... to .....

No. 2, from ..... to ..... No. 4, from ..... to .....

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From—	Perforated To—	Purpose
8"				520'					Surface
7"				1997'					Oil String

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8"	520'	50 Sax			
7"	1997'	100 Sax			

FOLD | MARK

PLUGS AND ADAPTERS

Heaving plug—Material ..... Length ..... Depth set .....

Adapters—Material ..... Size .....

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
		DuPont 80WE	125 qts	8/	2025-70	Total depth

TOOLS USED

Rotary tools were used from ..... feet to ..... feet, and from ..... feet to ..... feet

Cable tools were used from 0 feet to 2075 feet, and from ..... feet to ..... feet

DATES

August 15, 1950 Put to producing August 12, 1950

The production for the first 24 hours was 20 barrels of fluid of which 100 % was oil; ..... % emulsion; ..... % water; and .2 % sediment. Gravity, °Bé. 37

If gas well, cu. ft. per 24 hours ..... Gallons gasoline per 1,000 cu. ft. of gas .....

Rock pressure, lbs. per sq. in. .....

EMPLOYEES

W. M. Vandagriff, Driller Jim Hammond, Driller

C. E. Brookover, Driller ....., Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	70	70	Sand and Caliche
70	175	105	Sand
175	287	112	Red Beds
287	315	28	Anhydrite
315	340	25	Gyp and Red Beds
340	415	75	Anhydrite
415	420	5	Water Sand
420	502	82	Red Beds
502	1350	848	Salt
1350	1535	185	Anhydrite
1535	1555	20	Red Bed
1555	2007	452	Anhydrite
2007	2011	4	Gas Sand
2011	2025	14	Anhydrite
2025	2031	6	Oil Sand
2031	2060	29	Anhydrite
2060	2065	5	Oil Sand
2065	2075	10	Anhydrite
FROM—	TO—	TOTAL FEET	FORMATION

(OVER)

FORMATION RECORD—CONTINUED

Side 1

INJECTION WELL DATA SHEET

OPERATOR: LINN OPERATING, INC.

WELL NAME & NUMBER: TURNER B #031 API: 30-015-05190

WELL LOCATION: 330 FSL, 330 FEL | P | 17 | 17S | 31E

FOOTAGE LOCATION | UNIT LETTER | SECTION | TOWNSHIP | RANGE

WELLBORE SCHEMATIC

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 12.0" Casing Size: 9.625"

Cemented with: 50 sx. ***or*** _____ ft^3

Top of Cement: 360' Method Determined: Calc.

Intermediate Casing

Hole Size: _____ Casing Size: _____

Cemented with: _____ sx. ***or*** _____ ft^3

Top of Cement: _____ Method Determined: _____

Production Casing

Hole Size: 8.75" Casing Size: 7.0"

Cemented with: 100 sx. ***or*** _____ ft^3

Top of Cement: 1585' Method Determined: Calc.

Total Depth: 2067' TVD

Injection Interval

1858' (Perfs) feet to 2067' (Open Hole)

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2-3/8 Lining Material: Internal Plastic Coated

Type of Packer: 2.375" x 2.75' (Arrowset-1X (NP) Pkr w/ On/Off Tool)

Packer Setting Depth: 1808'

Other Type of Tubing/Casing Seal (if applicable): _____

Additional Data

1. Is this a new well drilled for injection? _____Yes X No

   If no, for what purpose was the well originally drilled? OIL PRODUCTION

   _____

2. Name of the Injection Formation: SEVEN RIVERS

3. Name of Field or Pool (if applicable): GRAYBURG JACKSON; SR-Q-G-SA

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. NO

   _____

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: GRAYBURG; YATES; SAN ANDRES

   _____

   _____

   _____

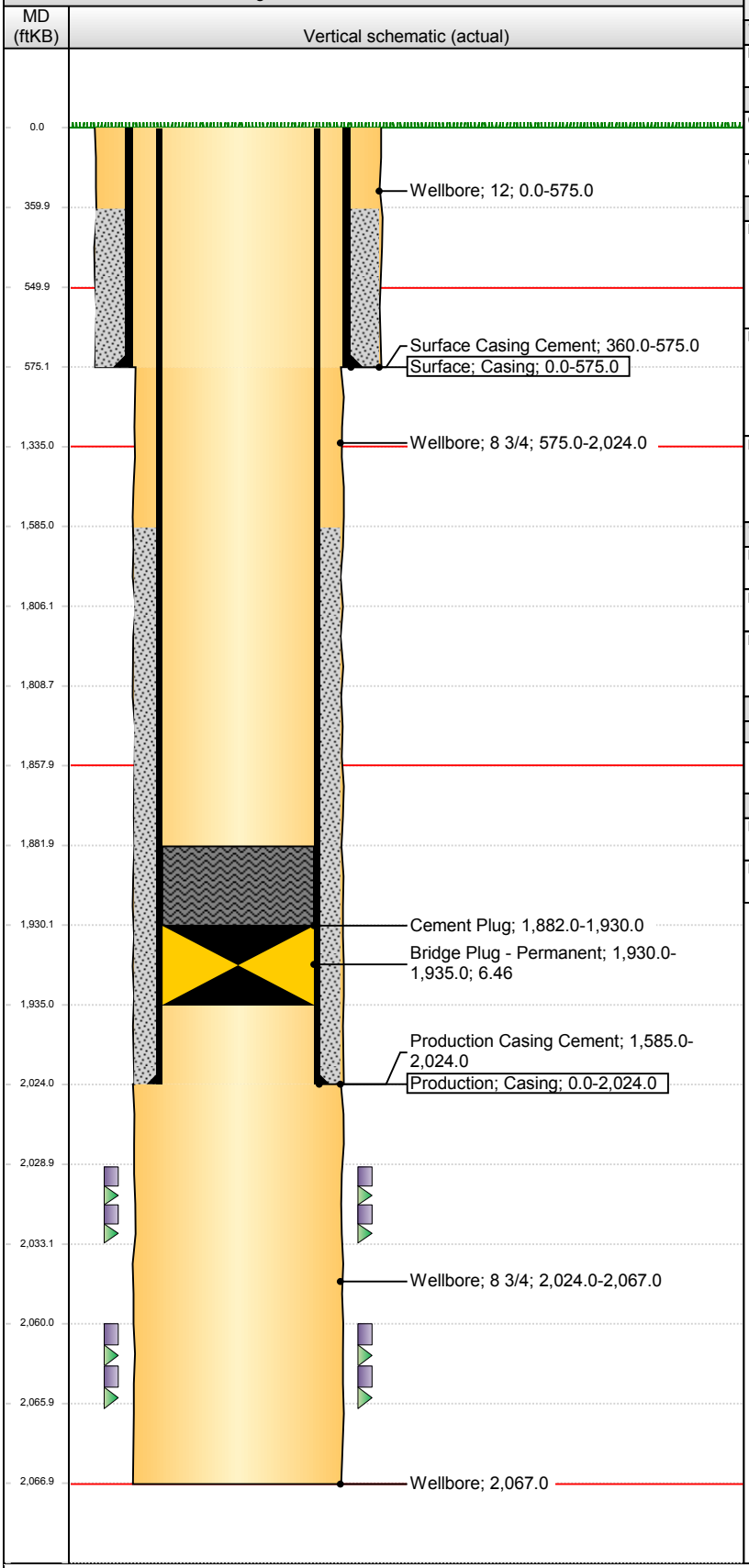
NM Regulatory Schematic

Well Name: TURNER B 31

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
3001505190	PBNM - PB-GRAYBURG	Eddy	NM	17	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,725.00	3,725.00	0.00	9/25/1951		11/9/1951	32° 49' 41.628" N	103° 53' 2.04" W	Yes

Original Hole, 2/26/2015 2:31:04 PM



Original Hole Data

Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag
330.0	FSL	330.0	FEL

Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Surface	575.0	9 5/8	9	32.30	H-40	10/3/1951
Production	2,024.0	7	6.456	20.00	J-55	10/20/1951

Cement Stages

Prop Drill Out?	Des	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
	Surface Casing Cement	360.0	575.0	Calculated	Cemented w/ 50 sx. TOC @ 360' (calc). Assumes 1.32 cu ft/sx and 50% fillup.
Prop Drill Out?	Des	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
	Production Casing Cement	1,585.0	2,024.0	Calculated	Cemented w/ 100 sx. TOC @ 1585' (calc). Assumes 1.32 cu ft/sx and 50% fillup.
Prop Drill Out?	Des	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
	Cement Plug	1,882.0	1,930.0	Tagged	Cap CIBP w/ 48' cmt. PROPOSED: DRILL OUT

Tubing Components

Prop Run?	Item Description	OD (in)	ID (in)	Wt (lb/ft)	Length (ft)
	Tubing	2	1.751	3.25	1,850.00
Prop Run?	Item Description	OD (in)	ID (in)	Wt (lb/ft)	Length (ft)
Yes	IPC Tubing	2 3/8	1.995	4.70	1,806.00
Prop Run?	Item Description	OD (in)	ID (in)	Wt (lb/ft)	Length (ft)
Yes	Arrowset-1X (NP) Pkr w/ On/off Tool	2 3/8			2.75

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Com
Bridge Plug - Permanent	1,930.0	1,935.0	2/2/1998	PROPOSED: DRILL OUT

Formations

Formation	Final Top...	Final Btm...	Comment
Salt	550.0	1,335.0	
Formation	Final Top...	Final Btm...	Comment
Seven Rivers	1,858.0	2,067.0	PROPOSED: INJECTION INTERVAL

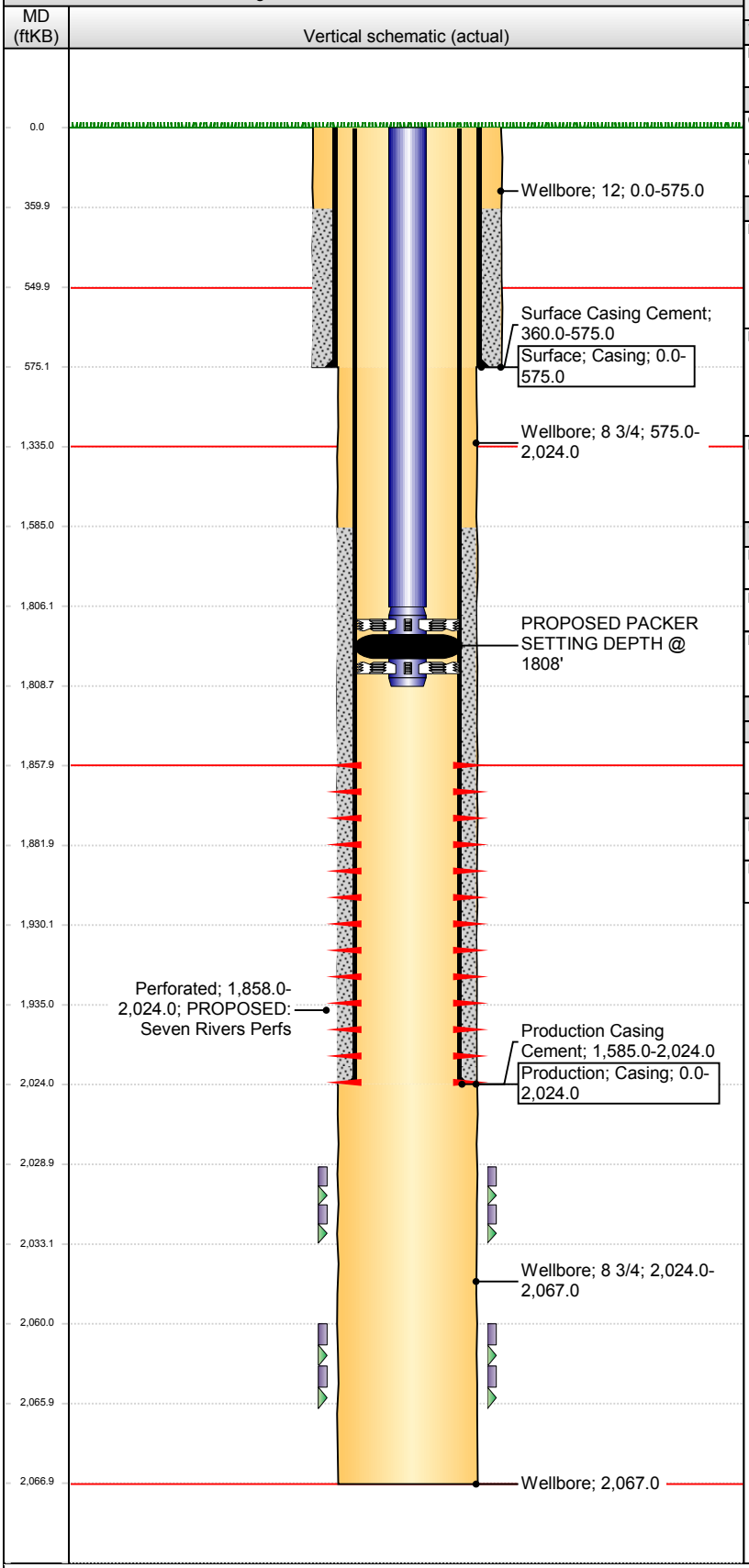
NM Regulatory Schematic

Well Name: TURNER B 31

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
3001505190	PBNM - PB-GRAYBURG	Eddy	NM	17	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,725.00	3,725.00	0.00	9/25/1951		11/9/1951	32° 49' 41.628" N	103° 53' 2.04" W	Yes

Original Hole, 2/26/2015 2:32:10 PM



Original Hole Data

Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag
330.0	FSL	330.0	FEL

Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Surface	575.0	9 5/8	9	32.30	H-40	10/3/1951
Production	2,024.0	7	6.456	20.00	J-55	10/20/1951

Cement Stages

Prop Drill Out?	Des	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
	Surface Casing Cement	360.0	575.0	Calculated	Cemented w/ 50 sx. TOC @ 360' (calc). Assumes 1.32 cu ft/sx and 50% fillup.
	Production Casing Cement	1,585.0	2,024.0	Calculated	Cemented w/ 100 sx. TOC @ 1585' (calc). Assumes 1.32 cu ft/sx and 50% fillup.
	Cement Plug	1,882.0	1,930.0	Tagged	Cap CIBP w/ 48' cmt. PROPOSED: DRILL OUT

Tubing Components

Prop Run?	Item Description	OD (in)	ID (in)	Wt (lb/ft)	Length (ft)
Yes	Tubing	2	1.751	3.25	1,850.00
No	IPC Tubing	2 3/8	1.995	4.70	1,806.00
No	Arrowset-1X (NP) Pkr w/ On/off Tool	2 3/8			2.75

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Com
Bridge Plug - Permanent	1,930.0	1,935.0	2/2/1998	PROPOSED: DRILL OUT

Formations

Formation	Final Top...	Final Btm...	Comment
Salt	550.0	1,335.0	
Seven Rivers	1,858.0	2,067.0	PROPOSED: INJECTION INTERVAL

Form 9-330

...et Bureau No. 42-R355.1.
...oval expires 11-30-49.

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 029395 B
LEASE OR PERMIT TO PROSPECT Turner

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Southern Production Co., Inc. Address W. T. Waggoner Bldg., Fort Worth, Texas
Lessor or Tract Turner Field Fren State N. Mex.
Well No. 31-B Sec. 17 T. 17S R. 31E Meridian NMPM County Eddy
Location 330 ft. {N.} of S Line and 330 ft. {E.} of E Line of Sec. 17 Elevation 3725'
{S.} {W.} (Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed Harold Kinney
Date Nov. 26, 1951 Title Agent

The summary on this page is for the condition of the well at above date.

Commenced drilling Sept. 25, 1951, 19.... Finished drilling Nov. 9, 1951, 19....

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2029' to 2033' No. 4, from ... to ...
No. 2, from 2060' to 2067' No. 5, from ... to ...
No. 3, from ... to ... No. 6, from ... to ...

IMPORTANT WATER SANDS

No. 1, from ... to ... No. 3, from ... to ...
No. 2, from ... to ... No. 4, from ... to ...

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From—	Perforated To—	Purpose
9 5/8"	32#	8rd		575'	Guiberson				
7"	20#	8rd		2024'	Baker				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	575'	50	Plug		
7"	2024'	100	Plug		

PLUGS AND ADAPTERS

Heaving plug—Material ... Length ... Depth set ...
Adapters—Material ... Size ...

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
Cone shot with 10 shots from 2029-2033', Cone shot 2060-2066' with 13 shots two times. Acidized with 500 gallons and then with 1500 gallons						

TOOLS USED

Rotary tools were used from ... feet to ... feet, and from ... feet to ... feet
Cable tools were used from 0 feet to 2067 feet, and from ... feet to ... feet

DATES

..., 19.... Put to producing Nov. 7, 1951, 19....

The production for the first 24 hours was 25 barrels of fluid of which 100 % was oil; ... % emulsion; ... % water; and ... % sediment.

Gravity, °Bé. 36

If gas well, cu. ft. per 24 hours ... Gallons gasoline per 1,000 cu. ft. of gas ...

Rock pressure, lbs. per sq. in. ...

EMPLOYEES

W. M. Vandagriff, Driller Faris Davis, Driller
M. C. Emmons, Driller ..., Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	180	180	Sand
180	280	100	Red Beds & Gyp
280	550	270	Red Beds & Anhy
550	1335	785	Salt
1335	2029	694	Anhy
2029	2033	4	Brown Lime - Oil & Gas
2033	2060	27	Anhy
2060	2066	6	Brown Lime - Oil & Gas
2066	2067	1	Anhy

(OVER)

FOLD | MARK

Side 1

INJECTION WELL DATA SHEET

OPERATOR: LINN OPERATING, INC.

WELL NAME & NUMBER: TURNER B #032 API: 30-015-05191

WELL LOCATION: 330 FSL, 1650 FEL | O | 17 | 17S | 31E

FOOTAGE LOCATION | UNIT LETTER | SECTION | TOWNSHIP | RANGE

WELLBORE SCHEMATIC

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 12.0" Casing Size: 9.625"

Cemented with: 50 sx. ***or*** _____ ft^3

Top of Cement: 470' Method Determined: Calc.

Intermediate Casing

Hole Size: _____ Casing Size: _____

Cemented with: _____ sx. ***or*** _____ ft^3

Top of Cement: _____ Method Determined: _____

Production Casing

Hole Size: 8.75" Casing Size: 7.0"

Cemented with: 100 sx. ***or*** _____ ft^3

Top of Cement: 1540' Method Determined: Calc.

Total Depth: 2021' TVD

Injection Interval

1800' (Perf) feet to 2021' (Open Hole)

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2-3/8 Lining Material: Internal Plastic Coated

Type of Packer: 7.0" x 2.75" (Arrowset-1X (NP) Pkr w/ On/Off Tool)

Packer Setting Depth: 1750'

Other Type of Tubing/Casing Seal (if applicable): _____

Additional Data

1. Is this a new well drilled for injection? _____Yes X No

   If no, for what purpose was the well originally drilled? OIL PRODUCTION

   _____

2. Name of the Injection Formation: SEVEN RIVERS

3. Name of Field or Pool (if applicable): GRAYBURG JACKSON;SR-Q-G-SA

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. NO

   _____

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: GRAYBURG; YATES; SAN ANDRES

   _____

   _____

   _____

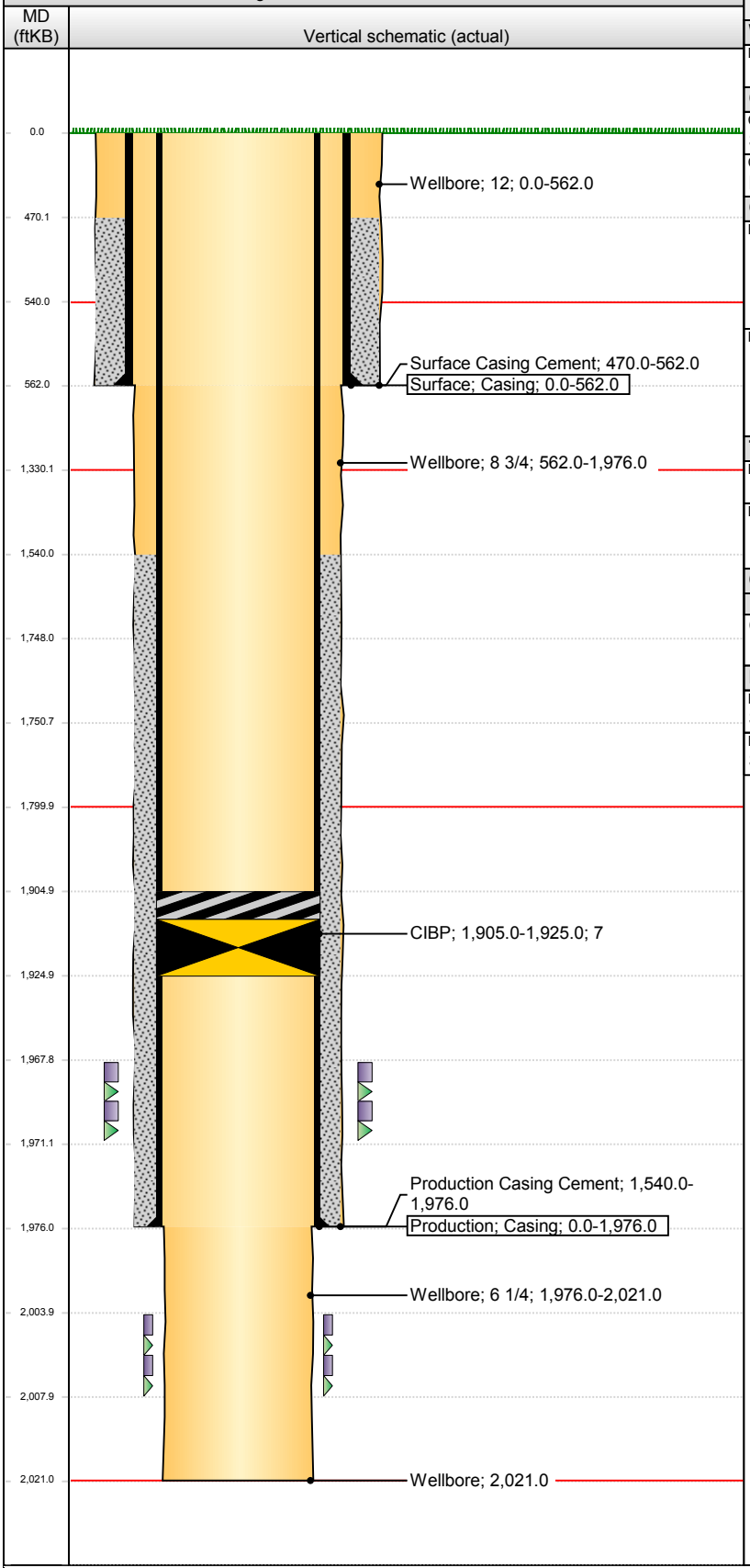
NM Regulatory Schematic

Well Name: TURNER B 32

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
3001505191	PBNM - PB-GRAYBURG	Eddy	NM	17	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,686.00	3,686.00	0.00	9/26/1951		10/22/1951	32° 49' 41.556" N	103° 53' 17.484" W	Yes

Original Hole, 2/26/2015 2:33:21 PM



Original Hole Data

Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag
330.0	FSL	1,650.0	FEL

Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Surface	562.0	9 5/8	9	32.30	H-40	9/26/1951
Production	1,976.0	7	6.456	20.00	H-40	9/27/1951

Cement Stages

Prop Drill Out?	Des	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
No	Production Casing Cement	1,540.0	1,976.0	Calculated	Cemented w/ 100 sx. TOC @ 1540' (calc). Assumes 1.32 cu ft/sx and 50% fillup.
No	Surface Casing Cement	470.0	562.0	Calculated	Cemented w/ 50 sx. TOC @ 470' (calc). Assumes 1.32 cu ft/sx and 50% fillup.

Tubing Components

Prop Run?	Item Description	OD (in)	ID (in)	Wt (lb/ft)	Length (ft)
Yes	IPC Tubing	2 3/8	1.995	4.70	1,748.00
Yes	Arrowset-1X (NP) Pkr w/ On/off Tool	7			2.75

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Com
CIBP	1,905.0	1,925.0	2/4/1998	PROPOSED: DRILL OUT

Formations

Formation	Final Top...	Final Btm...	Comment
Salt	540.0	1,330.0	
Seven Rivers	1,800.0	2,021.0	PROPOSED: INJECTION INTERVAL

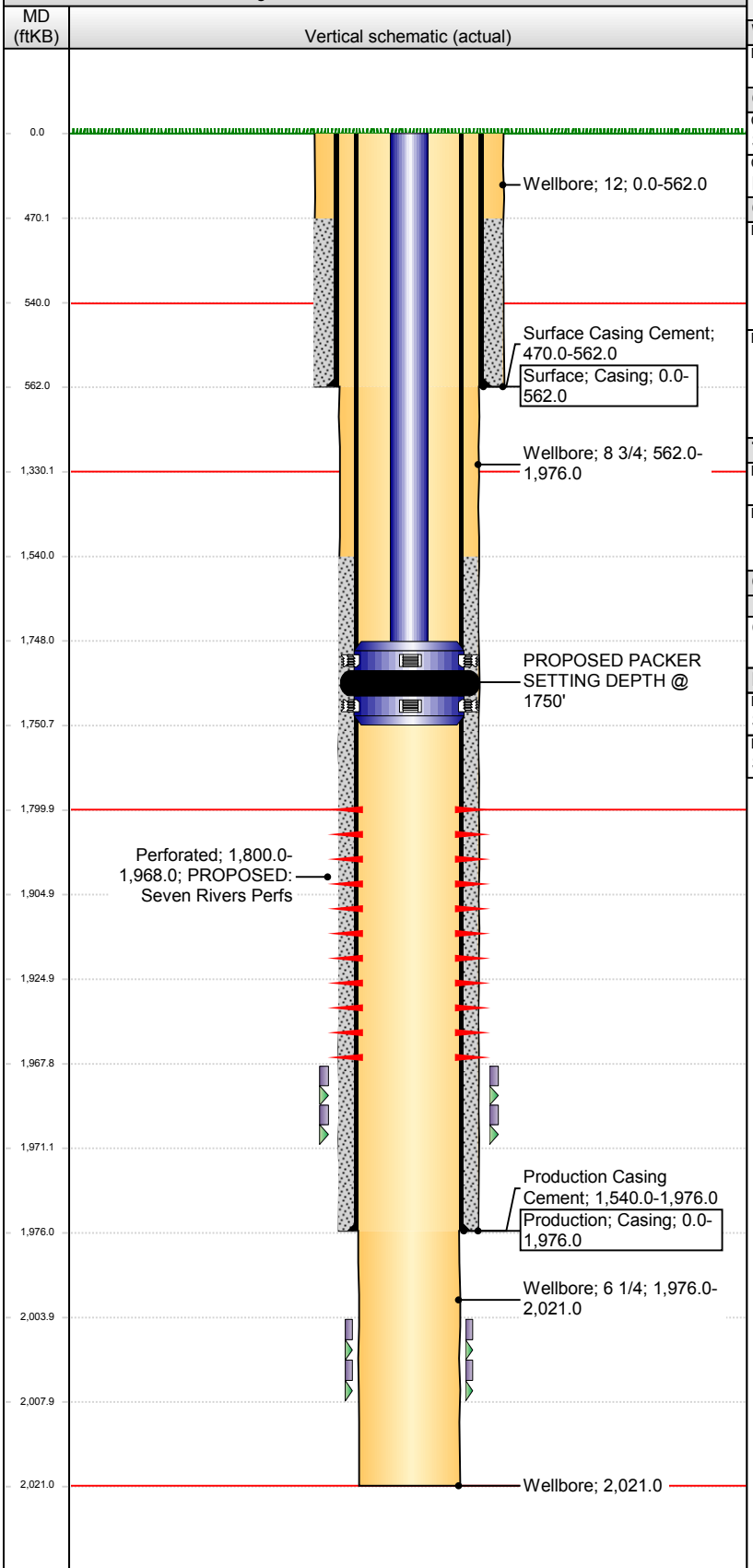
NM Regulatory Schematic

Well Name: TURNER B 32

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
3001505191	PBNM - PB-GRAYBURG	Eddy	NM	17	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,686.00	3,686.00	0.00	9/26/1951		10/22/1951	32° 49' 41.556" N	103° 53' 17.484" W	Yes

Original Hole, 2/26/2015 2:33:58 PM



Original Hole Data

Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag
330.0	FSL	1,650.0	FEL

Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Surface	562.0	9 5/8	9	32.30	H-40	9/26/1951
Production	1,976.0	7	6.456	20.00	H-40	9/27/1951

Cement Stages

Prop Drill Out?	Des	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
No	Production Casing Cement	1,540.0	1,976.0	Calculated	Cemented w/ 100 sx. TOC @ 1540' (calc). Assumes 1.32 cu ft/sx and 50% fillup.
No	Surface Casing Cement	470.0	562.0	Calculated	Cemented w/ 50 sx. TOC @ 470' (calc). Assumes 1.32 cu ft/sx and 50% fillup.

Tubing Components

Prop Run?	Item Description	OD (in)	ID (in)	Wt (lb/ft)	Length (ft)
No	IPC Tubing	2 3/8	1.995	4.70	1,748.00
No	Arrowset-1X (NP) Pkr w/ On/off Tool	7			2.75

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Com
CIBP	1,905.0	1,925.0	2/4/1998	PROPOSED: DRILL OUT

Formations

Formation	Final Top...	Final Btm...	Comment
Salt	540.0	1,330.0	
Seven Rivers	1,800.0	2,021.0	PROPOSED: INJECTION INTERVAL

Form 9-330

Budget Bureau No. 42-R355.1.
Approval expires 11-30-49.

U. S. Land Office Las Cruces
Serial Number 029395 B
Lease or Permit to Prospect Turner

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Southern Production Co., Inc. Address W. T. Waggoner Bldg., Fort Worth, Texas
Lessor or Tract Turner Field Fren State N. Mex.
Well No. 32-B Sec. 17 T. 17S R. 31E Meridian NMPM County Eddy
Location 330 ft. {N./S.} of S Line and 1650 ft. {E./W.} of E Line of Sec. 17 Elevation 3686'
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed Harold Kinney
Date Nov. 26, 1951 Title Agent

The summary on this page is for the condition of the well at above date.

Commenced drilling Sept. 26, 1951, 19 Finished drilling Oct. 29, 1951, 19

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 1968 to 1971' No. 4, from ____ to ____
No. 2, from 2004 to 2008' No. 5, from ____ to ____
No. 3, from ____ to ____ No. 6, from ____ to ____

IMPORTANT WATER SANDS

No. 1, from ____ to ____ No. 3, from ____ to ____
No. 2, from ____ to ____ No. 4, from ____ to ____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From—	Perforated To—	Purpose
9 5/8"	32#	8 rd		562'					
7"	20#	8 rd		1976'					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	562'	50	Plug		
7"	1976'	100	Plug		

PLUGS AND ADAPTERS

Heaving plug—Material ____ Length ____ Depth set ____
Adapters—Material ____ Size ____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
10 cone shots 2004-2008' and acidized with 2500 gallons						
15 bullets and 9 cone shots 1968-1971' and acidized with 400 gallons						

TOOLS USED

Rotary tools were used from ____ feet to ____ feet, and from ____ feet to ____ feet
Cable tools were used from 0 feet to 2021' feet, and from ____ feet to ____ feet

DATES

____, 19____ Put to producing Oct. 29th, 1951, 19____

The production for the first 24 hours was 24 barrels of fluid of which 100 % was oil; ____ % emulsion; ____ % water; and ____ % sediment.
Gravity, °Bé. 36
If gas well, cu. ft. per 24 hours ____ Gallons gasoline per 1,000 cu. ft. of gas ____
Rock pressure, lbs. per sq. in. ____

EMPLOYEES

G. C. Pratt, Driller Milton Youtsey, Driller
Jim Hammond, Driller G. W. Baker, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	95	95	Sand
95	300	205	Sandy Red Rock
300	430	130	Anhy
430	540	110	Red Beds
540	1330	790	Salt
1330	1968	638	Anhy
1968	1971	3	Brown Lime - Oil & Gas
1971	2004	33	Anhy
2004	2008	4	Brown Lime - Oil & Gas
2008	2021	13	Anhy

FOLD | MARK

Side 1

INJECTION WELL DATA SHEET

OPERATOR: LINN OPERATING, INC.

WELL NAME & NUMBER: TURNER B #037 API: 30-015-05193

WELL LOCATION: 330 FSL, 990 FWL | M | 17 | 17S | 31E

FOOTAGE LOCATION | UNIT LETTER | SECTION | TOWNSHIP | RANGE

WELLBORE SCHEMATIC

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 12.0" Casing Size: 8.625"

Cemented with: 50 sx. ***or*** _____ ft^3

Top of Cement: 400' Method Determined: Calc.

Production Casing

Hole Size: 8.75" Casing Size: 7.0"

Cemented with: 100 sx. ***or*** _____ ft^3

Top of Cement: 970' Method Determined: Calc.

Liner

Hole Size: 6.25" Casing Size: 5.5"

Cemented with: _____ sx. ***or*** _____ ft^3

Top of Cement: _____ Method Determined: _____

Total Depth: 1969' TVD

Injection Interval

1759' (Perf) feet to 1969' (Perf)

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2-3/8 Lining Material: Internal Plastic Coated

Type of Packer: 2.375" x 3.0' (Arrowset-1X (NP) Pkr w/ On/Off Tool)

Packer Setting Depth: 1709'

Other Type of Tubing/Casing Seal (if applicable): _____

Additional Data

1. Is this a new well drilled for injection? _____Yes __X__No

   If no, for what purpose was the well originally drilled? OIL PRODUCTION

   _____

2. Name of the Injection Formation: SEVEN RIVERS

3. Name of Field or Pool (if applicable): GRAYBURG JACKSON; SR-Q-G-SA

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. NO

   _____

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: GRAYBURG, YATES, SAN ANDRES

   _____

   _____

   _____

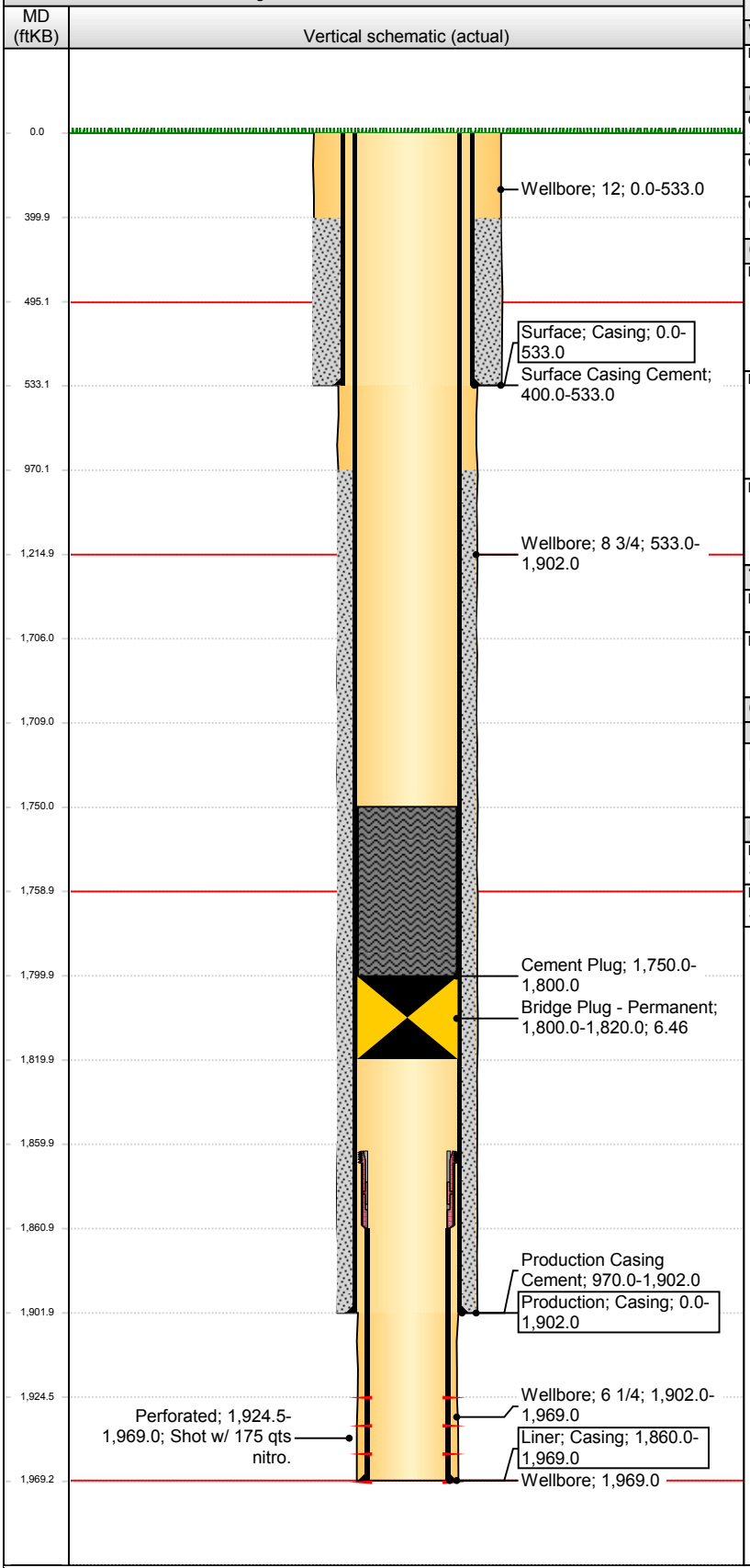
NM Regulatory Schematic

Well Name: TURNER B 37

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
3001505193	PBNM - PB-GRAYBURG	Eddy	NM	17	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,676.00	3,676.00	0.00	9/19/1952		10/19/1952	32° 49' 41.448" N	103° 53' 48.048" W	Yes

Original Hole, 2/26/2015 2:38:31 PM



Original Hole Data

Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag
330.0	FSL	990.0	FWL

Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Surface	533.0	8 5/8	8.017	28.00	H-40	9/26/1952
Production	1,902.0	7	6.456	20.00	J-55	10/19/1952
Liner	1,969.0	5 1/2	4.892	19.81	J-55	10/24/1952

Cement Stages

Prop Drill Out?	Des	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
	Surface Casing Cement	400.0	533.0	Calculated	Cemented w/ 50 sx. TOC @ 400' (calc). Assumes 1.32 cu ft/sx and 50% fillup.
	Production Casing Cement	970.0	1,902.0	Calculated	Cemented w/ 100 sx. TOC @ 970' (calc). Assumes 1.32 cu ft/sx and 50% fillup.
Yes	Cement Plug	1,750.0	1,800.0	Tagged	Capped CIBP w/ 50' cement. PROPOSED: DRILL OUT

Tubing Components

Prop Run?	Item Description	OD (in)	ID (in)	Wt (lb/ft)	Length (ft)
Yes	IPC Tubing	2 3/8	1.995	4.60	1,706.00
Yes	Arrowset-1X (NP) Pkr w/ On/off Tool	2 3/8			3.00

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Com
Bridge Plug - Permanent	1,800.0	1,820.0	2/8/1998	CIBP w/ 50' cmt. PROPOSED: DRILL OUT

Formations

Formation	Final Top...	Final Btm...	Comment
Salt	495.0	1,215.0	
Seven Rivers	1,759.0	1,969.0	PROPOSED: INJECTION INTERVAL

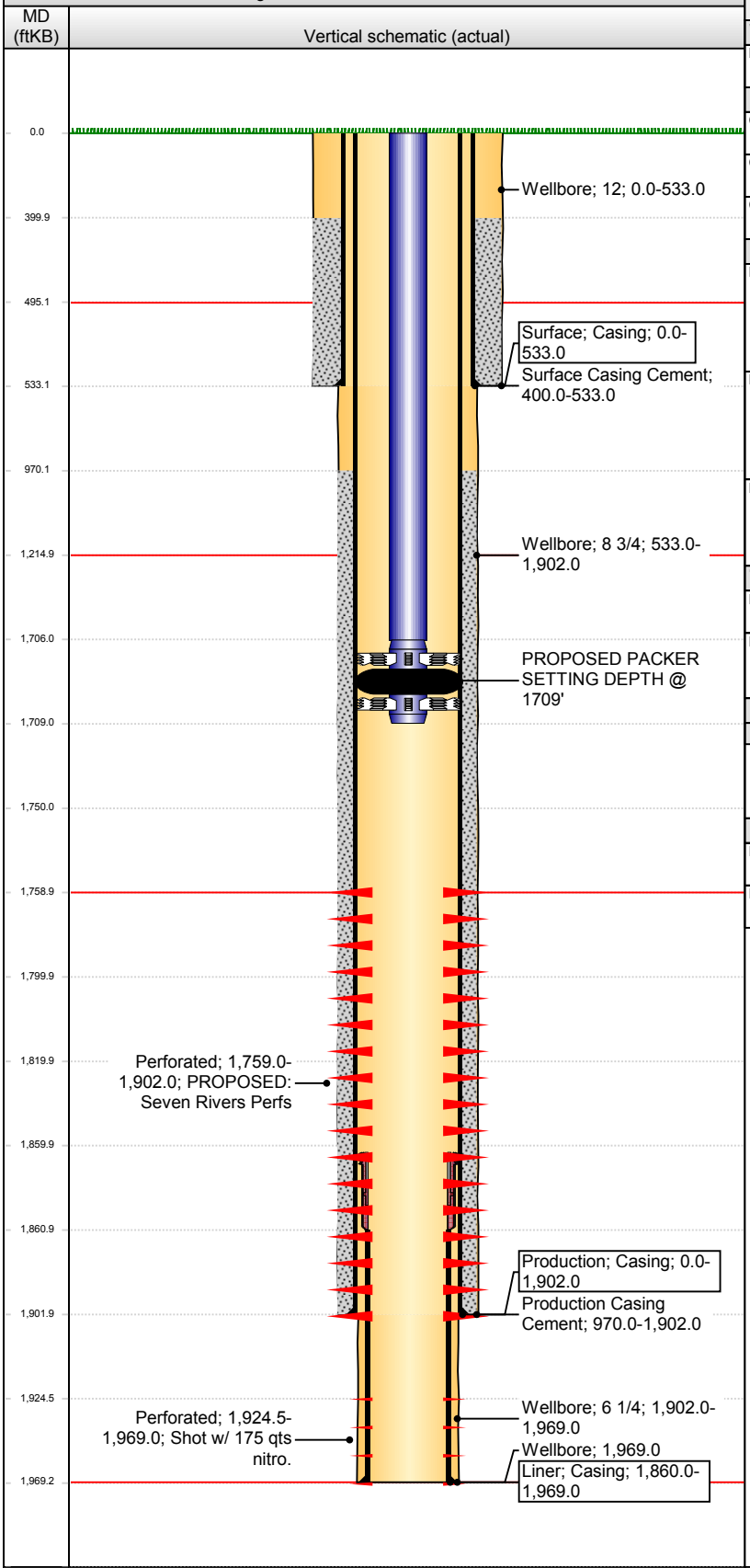
NM Regulatory Schematic

Well Name: TURNER B 37

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
3001505193	PBNM - PB-GRAYBURG	Eddy	NM	17	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,676.00	3,676.00	0.00	9/19/1952		10/19/1952	32° 49' 41.448" N	103° 53' 48.048" W	Yes

Original Hole, 2/26/2015 2:39:13 PM



Original Hole Data

Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag
330.0	FSL	990.0	FWL

Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Surface	533.0	8 5/8	8.017	28.00	H-40	9/26/1952
Production	1,902.0	7	6.456	20.00	J-55	10/19/1952
Liner	1,969.0	5 1/2	4.892	19.81	J-55	10/24/1952

Cement Stages

Prop Drill Out?	Des	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
	Surface Casing Cement	400.0	533.0	Calculated	Cemented w/ 50 sx. TOC @ 400' (calc). Assumes 1.32 cu ft/sx and 50% fillup.
	Production Casing Cement	970.0	1,902.0	Calculated	Cemented w/ 100 sx. TOC @ 970' (calc). Assumes 1.32 cu ft/sx and 50% fillup.
Yes	Cement Plug	1,750.0	1,800.0	Tagged	Capped CIBP w/ 50' cement. PROPOSED: DRILL OUT

Tubing Components

Prop Run?	Item Description	OD (in)	ID (in)	Wt (lb/ft)	Length (ft)
No	IPC Tubing	2 3/8	1.995	4.60	1,706.00
No	Arrowset-1X (NP) Pkr w/ On/off Tool	2 3/8			3.00

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Com
Bridge Plug - Permanent	1,800.0	1,820.0	2/8/1998	CIBP w/ 50' cmt. PROPOSED: DRILL OUT

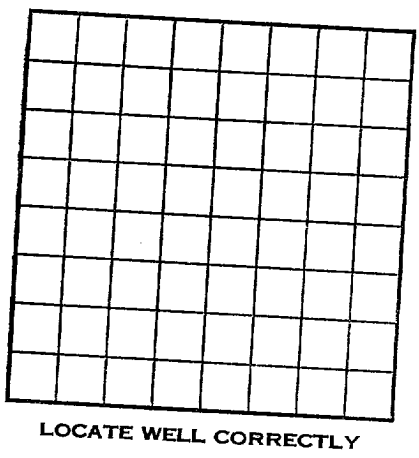
Formations

Formation	Final Top...	Final Btm...	Comment
Salt	495.0	1,215.0	
Seven Rivers	1,759.0	1,969.0	PROPOSED: INJECTION INTERVAL

COPY ~~TO~~ O. C. C.

Form 9-330

Budget Bureau No. 42-R355.2.
Approval expires 12-31-52.



LOCATE WELL CORRECTLY

RECEIVED
NOV 14 1952
Oil Cons. Comm.
Artesia, N. M.

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 029395-B
LEASE OR PERMIT TO PROSPECT Turner

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Southern Production Co., Inc. Address Fort Worth, Texas

Lessor or Tract Turner Field Fren State N. Mex.

Well No. 37-B Sec. 17 T. 17S R. 31E Meridian NMPM County Eddy

Location 330 ft. {N.} of S Line and 990 ft. {E.} of W Line of Sec. 17 Elevation 3676'
{S} {W} (Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed

Date Nov. 6, 1952 Title Agent

The summary on this page is for the condition of the well at above date.

Commenced drilling Sept. 19, 1952, 19.... Finished drilling Oct. 27, 1952, 19....

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 1927' to 1931' No. 4, from ... to ...

No. 2, from 1960' to 1965' No. 5, from ... to ...

No. 3, from ... to ... No. 6, from ... to ...

IMPORTANT WATER SANDS

No. 1, from 420' to 425' No. 3, from ... to ...

No. 2, from ... to ... No. 4, from ... to ...

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From—	Perforated To—	Purpose
8 5/8"	28#	8	used	533'	common				
7"	20#	8	used	1902'					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	533'	50	Plug		
7"	1902	100	Plug		

PLUGS AND ADAPTERS

Heaving plug—Material ... Length ... Depth set ...

Adapters—Material ... Size ...

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
Well was shot with 175 quarts of liquid Nitro-Glycerine from 1924½' to 1969' and cleaned out to a total depth of 1969'						

TOOLS USED

Rotary tools were used from ... feet to ... feet, and from ... feet to ... feet

Cable tools were used from 0 feet to 1969' feet, and from ... feet to ... feet

DATES

..., 19.... Put to producing 10/29/52, 19....

The production for the first 24 hours was 25 barrels of fluid of which 100 % was oil; ... % emulsion; ... % water; and ... % sediment.

If gas well, cu. ft. per 24 hours ... Gravity, °Bé. ...

Rock pressure, lbs. per sq. in. ... Gallons gasoline per 1,000 cu. ft. of gas ...

EMPLOYEES

G. C. Pratt, Driller G. W. Baker, Driller

Jim Hammond, Driller ..., Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	125	125	Sand
125	295	170	Sandy Shale
295	325	30	Red Shale
325	370	45	Anhy
370	425	55	Red Rock & Anhy
425	495	70	Anhy
495	1215	720	Salt
1215	1927	712	Anhy
1927	1931	4	Dolomite - Oil Pay
1931	1959	28	Anhy
1959	1960	1	Lime
1960	1965	5	Dolomite - Oil Pay
1965	1969	4	Anhy - Total Depth

U. S. GEOLOGICAL SURVEY
RECEIVED
NOV 7 1952
ARTESIA, NEW MEXICO

FOLD | MARK

(OVER)

16—43094-2

Side 1

INJECTION WELL DATA SHEET

OPERATOR: LINN OPERATING, INC.

WELL NAME & NUMBER: TURNER B #040 API: 30-015-05194

WELL LOCATION: 1650 FSL, 990 FWL L 17 17S 31E

FOOTAGE LOCATION | UNIT LETTER | SECTION | TOWNSHIP | RANGE

WELLBORE SCHEMATIC

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 10.0" Casing Size: 8.625"

Cemented with: 50 sx. ***or*** _____ ft^3

Top of Cement: 430' Method Determined: Calc.

Production Casing

Hole Size: 8.0" Casing Size: 7.0"

Cemented with: 100 sx. ***or*** _____ ft^3

Top of Cement: 1000' Method Determined: Calc.

Liner

Hole Size: 6.25" Casing Size: 5.5"

Cemented with: _____ sx. ***or*** _____ ft^3

Top of Cement: _____ Method Determined: _____

Total Depth: 1992' TVD

Injection Interval

1774' (Perf) feet to 1992' (Perfs)

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2-3/8 Lining Material: Internal Plastic Coated

Type of Packer: 2.375" x 3.0' (Arrowset-1X (NP) Pkr w/ On/Off Tool)

Packer Setting Depth: 1724'

Other Type of Tubing/Casing Seal (if applicable): _____

Additional Data

1. Is this a new well drilled for injection? _____Yes ___x___No

   If no, for what purpose was the well originally drilled? OIL PRODUCTION

   _____

2. Name of the Injection Formation: SEVEN RIVERS

3. Name of Field or Pool (if applicable): GRAYBURG SAN ANDRES; SR-Q-G-SA

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. NO

   _____

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: GRAYBURG, SAN ANDRES, YATES

   _____

   _____

   _____

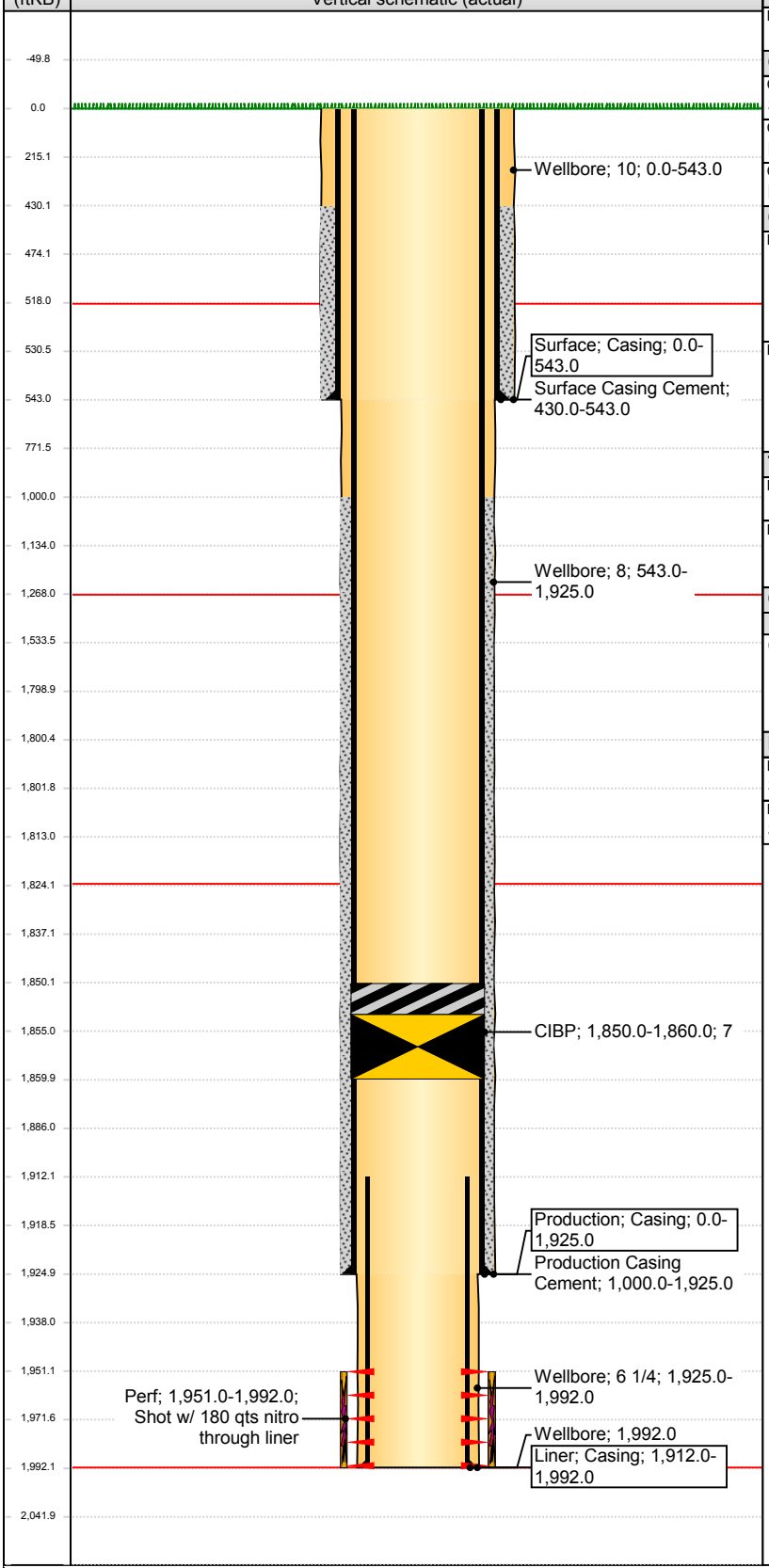
NM Regulatory Schematic

Well Name: TURNER B 40

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
3001505194	PBNM - PB-GRAYBURG	Eddy	NM	17	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,691.00	3,691.00	0.00	2/21/1953		3/21/1953	32° 49' 54.516" N	103° 53' 47.904" W	Yes

Original Hole, 2/20/2015 3:51:02 PM



Original Hole Data

Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag
1,650.0	FSL	990.0	FWL

Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Surface	543.0	8 5/8	8.017	28.00	H-40	2/26/1953
Production	1,925.0	7	6.456	20.00	J-55	3/13/1953
Liner	1,992.0	5 1/2	5.012	14.00	H-40	3/15/1953

Cement Stages

Prop Drill Out?	Des	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
	Surface Casing Cement	430.0	543.0	Calculated	Cemented w/ 50 sx. TOC @ 430' (calc). Assumes 1.32 cu ft/sx and 50% fillup.
Prop Drill Out?	Des	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
	Production Casing Cement	1,000.0	1,925.0	Calculated	Cemented w/ 100 sx. TOC @ 1000' (calc). Assumes 1.32 cu ft/sx and 50% fillup.

Tubing Components

Prop Run?	Item Description	OD (in)	ID (in)	Wt (lb/ft)	Length (ft)
Yes	IPC Tubing	2 3/8	1.995	4.70	1,799.00
Yes	Arrowset-1X (NP) Pkr w/ On/off Tool	2 3/8			2.75

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Com
CIBP	1,850.0	1,860.0	2/1/1998	CIBP @ 1860' (capped w/ 4 sx cmt). PROPOSED: DRILL OUT

Formations

Formation	Final Top...	Final Btm...	Comment
Salt	518.0	1,268.0	
Seven Rivers	1,824.0	1,992.0	PROPOSED: INJECTION INTERVAL

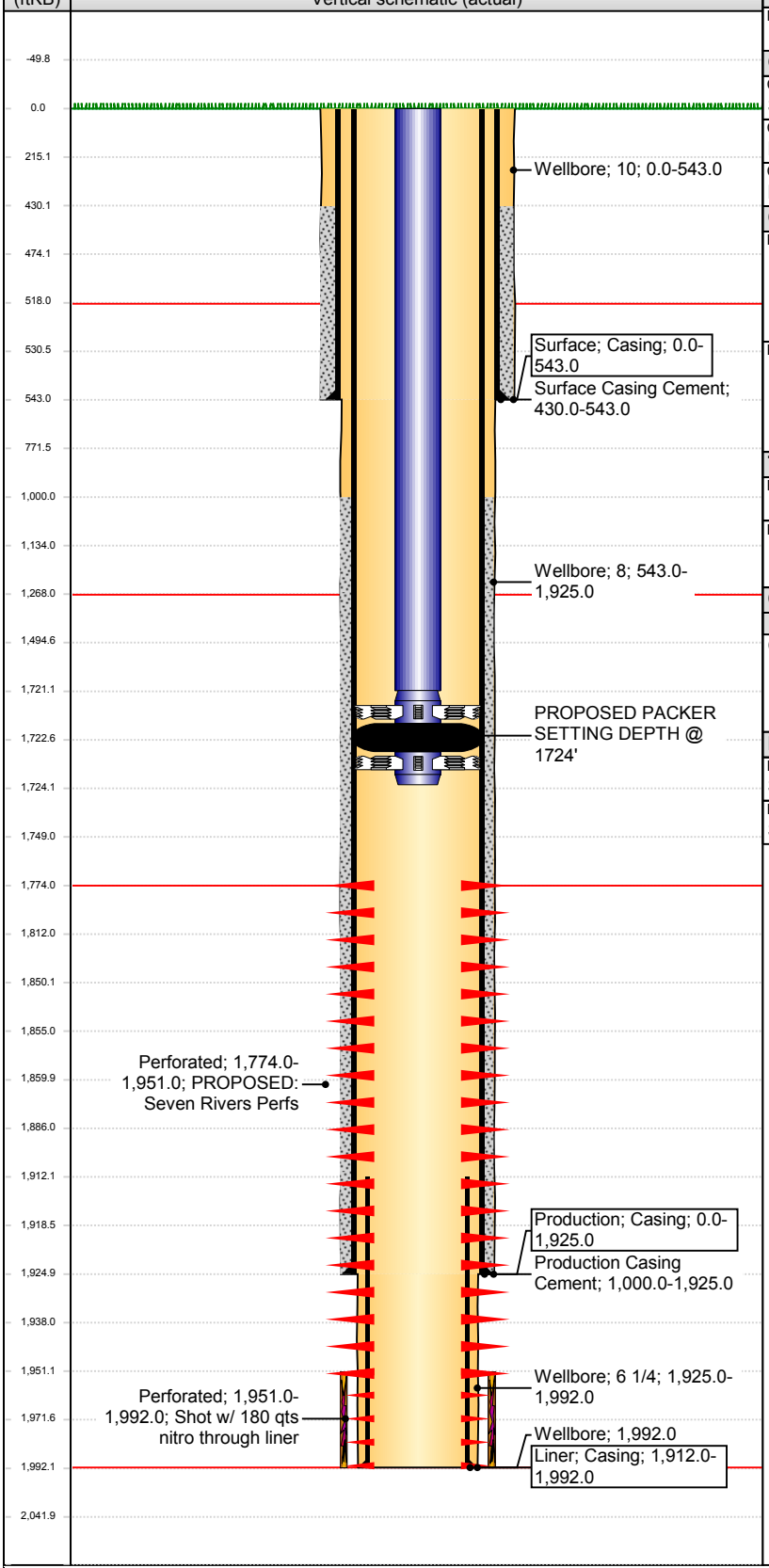
NM Regulatory Schematic

Well Name: TURNER B 40

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
3001505194	PBNM - PB-GRAYBURG	Eddy	NM	17	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,691.00	3,691.00	0.00	2/21/1953		3/21/1953	32° 49' 54.516" N	103° 53' 47.904" W	Yes

Original Hole, 2/26/2015 2:49:44 PM



Original Hole Data

Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag
1,650.0	FSL	990.0	FWL

Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Surface	543.0	8 5/8	8.017	28.00	H-40	2/26/1953
Production	1,925.0	7	6.456	20.00	J-55	3/13/1953
Liner	1,992.0	5 1/2	5.012	14.00	H-40	3/15/1953

Cement Stages

Prop Drill Out?	Des	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
	Surface Casing Cement	430.0	543.0	Calculated	Cemented w/ 50 sx. TOC @ 430' (calc). Assumes 1.32 cu ft/sx and 50% fillup.
Prop Drill Out?	Des	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
	Production Casing Cement	1,000.0	1,925.0	Calculated	Cemented w/ 100 sx. TOC @ 1000' (calc). Assumes 1.32 cu ft/sx and 50% fillup.

Tubing Components

Prop Run?	Item Description	OD (in)	ID (in)	Wt (lb/ft)	Length (ft)
No	IPC Tubing	2 3/8	1.995	4.70	1,721.00
No	Arrowset-1X (NP) Pkr w/ On/off Tool	2 3/8			3.00

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Com
CIBP	1,850.0	1,860.0	2/1/1998	CIBP @ 1860' (capped w/ 4 sx cmt). PROPOSED: DRILL OUT

Formations

Formation	Final Top...	Final Btm...	Comment
Salt	518.0	1,268.0	
Seven Rivers	1,774.0	1,992.0	PROPOSED: INJECTION INTERVAL

Form 9-330

COPY TO O. C. C.

Budget Bureau No. 42-R355.2.
Approval expires 12-31-52.

029395 (2)

U. S. Land Office Las Cruces

Serial Number 029396 B

Lease or Permit to Prospect Turner

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Southern Production Co., Inc. Address Fort Worth, Texas

Lessor or Tract Turner Field Fren State N. Mex.

Well No. 40-B Sec. 17 T. 17S R. 31E Meridian NMPM County Eddy

Location 1650 ft. {N.} of S Line and 990 ft. {E.} of W Line of Sec. 17 Elevation 3691
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed Harold Kersey

Date April 4, 1953 Title Agent

The summary on this page is for the condition of the well at above date.

Commenced drilling 2/21, 19 53 Finished drilling 3/21, 19 53

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 1951 to 1954 No. 4, from ____ to ____

No. 2, from 1982 to 1987 No. 5, from ____ to ____

No. 3, from ____ to ____ No. 6, from ____ to ____

IMPORTANT WATER SANDS

No. 1, from 415 to 420 No. 3, from ____ to ____

No. 2, from ____ to ____ No. 4, from ____ to ____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From—	Perforated To—	Purpose
8 5/8	24#	8rd		543'	common				
7	20#	8rd		1925'	"				
5½	14#	8rd		1992'	"				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	543'	50	Plug		
7	1925'	100	"		
5½	1992'	Liner set on bottom and perforated through pay zones			

FOLD

PLUGS AND ADAPTERS

Heaving plug—Material ____ Length ____ Depth set ____

Adapters—Material ____ Size ____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
Well shot with 180 quarts of liquid nitro-glycerine from 1951-1992' and cleaned out on bottom. Well shot on March 18, 1953.						

TOOLS USED

Rotary tools were used from ____ feet to ____ feet, and from ____ feet to ____ feet

Cable tools were used from 0 feet to 1992 feet, and from ____ feet to ____ feet

DATES

____, 19____ Put to producing 3/23/53, 19____

The production for the first 24 hours was 26 barrels of fluid of which 100% was oil; ____ % emulsion; ____ % water; and ____ % sediment. Gravity, °Bé. 36

If gas well, cu. ft. per 24 hours ____ Gallons gasoline per 1,000 cu. ft. of gas ____

Rock pressure, lbs. per sq. in. ____

EMPLOYEES

G. C. Pratt, Driller G. W. Baker, Driller

Jim Hammond, Driller John Hammond, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	10	10	Sand
10	275	265	Red Bed
275	518	243	Anhy - water 415-420' 1 B. P. H.
518	531	13	Salt & Red Bed
531	1268	737	Salt
1268	1950	682	Anhy
1950	1954	4	BROWN DOLOMITE OIL PAY
1954	1982	28	Anhy
1982	1987	5	BROWN DOLOMITE OIL PAY
1987	1992	5	Anhy T. D.

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APR 5 1953
U. S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

16—43094-2

EXHIBIT 1: WELL DATA SHEETS

Side 1

INJECTION WELL DATA SHEET

OPERATOR: LINN OPERATING, INC.

WELL NAME & NUMBER: VL FOSTER #002 API: 42-30-015-05201

WELL LOCATION: 1650 FSL , 2310 FEL | J | 17 | 17S | 31E

FOOTAGE LOCATION | UNIT LETTER | SECTION | TOWNSHIP | RANGE

WELLBORE SCHEMATIC

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 10.25" Casing Size: 8.625"

Cemented with: 50 sx. ***or*** _____ ft^3

Top of Cement: 306' Method Determined: CALC

Intermediate Casing

Hole Size: _____ Casing Size: _____

Cemented with: _____ sx. ***or*** _____ ft^3

Top of Cement: _____ Method Determined: _____

Production Casing

Hole Size: 7.875" Casing Size: 7.0"

Cemented with: 200 sx. ***or*** _____ ft^3

Top of Cement: 75' Method Determined: CALC

Total Depth: 2081' TVD

Injection Interval

1807' (Perf) feet to 2081' (Open Hole)

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2-3/8" Lining Material: Internal Plastic Coated

Type of Packer: 7.0" x 2.75' (Arrowset-1X (NP) Pkr w/ On/Off Tool)

Packer Setting Depth: 1757'

Other Type of Tubing/Casing Seal (if applicable): _____

Additional Data

1. Is this a new well drilled for injection? _____Yes __x__No

   If no, for what purpose was the well originally drilled? OIL PRODUCTION

   _____

2. Name of the Injection Formation: SEVEN RIVERS

3. Name of Field or Pool (if applicable): GRAYBURG JACKSON SR-QN-GB-SA

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. NO

   _____

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: YATES, GRAYBURG, SAN ANDRES

   _____

   _____

   _____

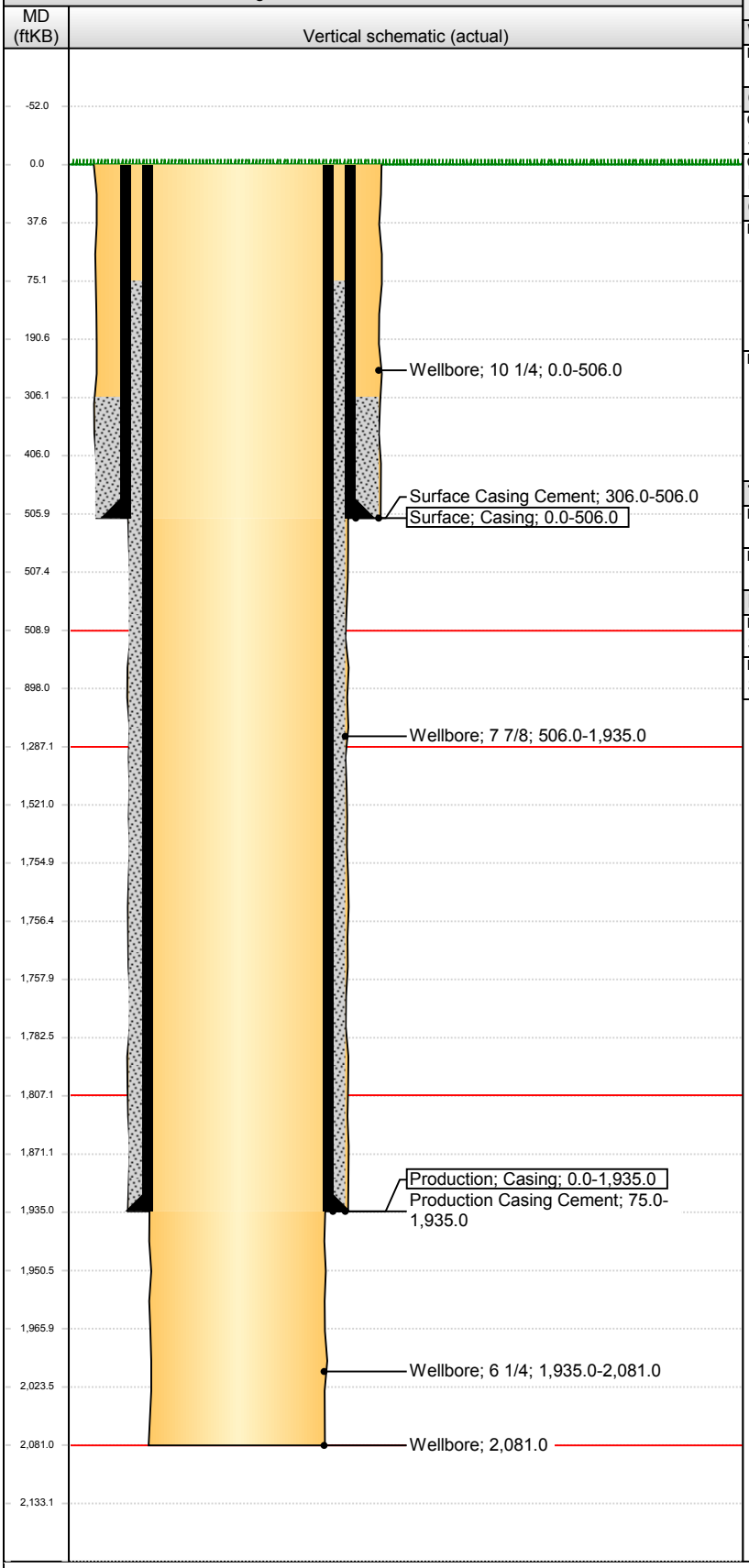
NM Regulatory Schematic

Well Name: FOSTER V L 02

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
3001505201	PBNM - PB-GRAYBURG	Eddy	NM	17	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,693.00	3,693.00	0.00	8/31/1949	9/26/1949	9/26/1949	32° 49' 54.588" N	103° 53' 25.008" W	Yes

Original Hole, 2/26/2015 2:41:01 PM



Original Hole Data

Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag
1,650.0	FSL	2,310.0	FEL

Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Surface	506.0	8 5/8	7.825	36.00	J-55	9/1/1949
Production	1,935.0	7	6.276	26.00	J-55	9/26/1949

Cement Stages

Prop Drill Out?	Des	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
	Surface Casing Cement	306.0	506.0	Calculated	Cemented w/ 50 sx. TOC @ 306' (calc) Assumes 1.32 cu ft/sx and 50% fillup
	Production Casing Cement	75.0	1,935.0	Calculated	Cemented w/ 200 sx. TOC @ 75' (calc) Assumes 1.32 cu ft/sx and 50% fillup

Tubing Components

Prop Run?	Item Description	OD (in)	ID (in)	Wt (lb/ft)	Length (ft)
Yes	Tubing	2 3/8	1.995	4.60	1,755.00
Yes	Arrowset Packer	7			2.75

Formations

Formation	Final Top...	Final Btm...	Comment
Salt	509.0	1,287.0	
Seven Rivers	1,807.0	2,081.0	PROPOSED: INJECTION INTERVAL

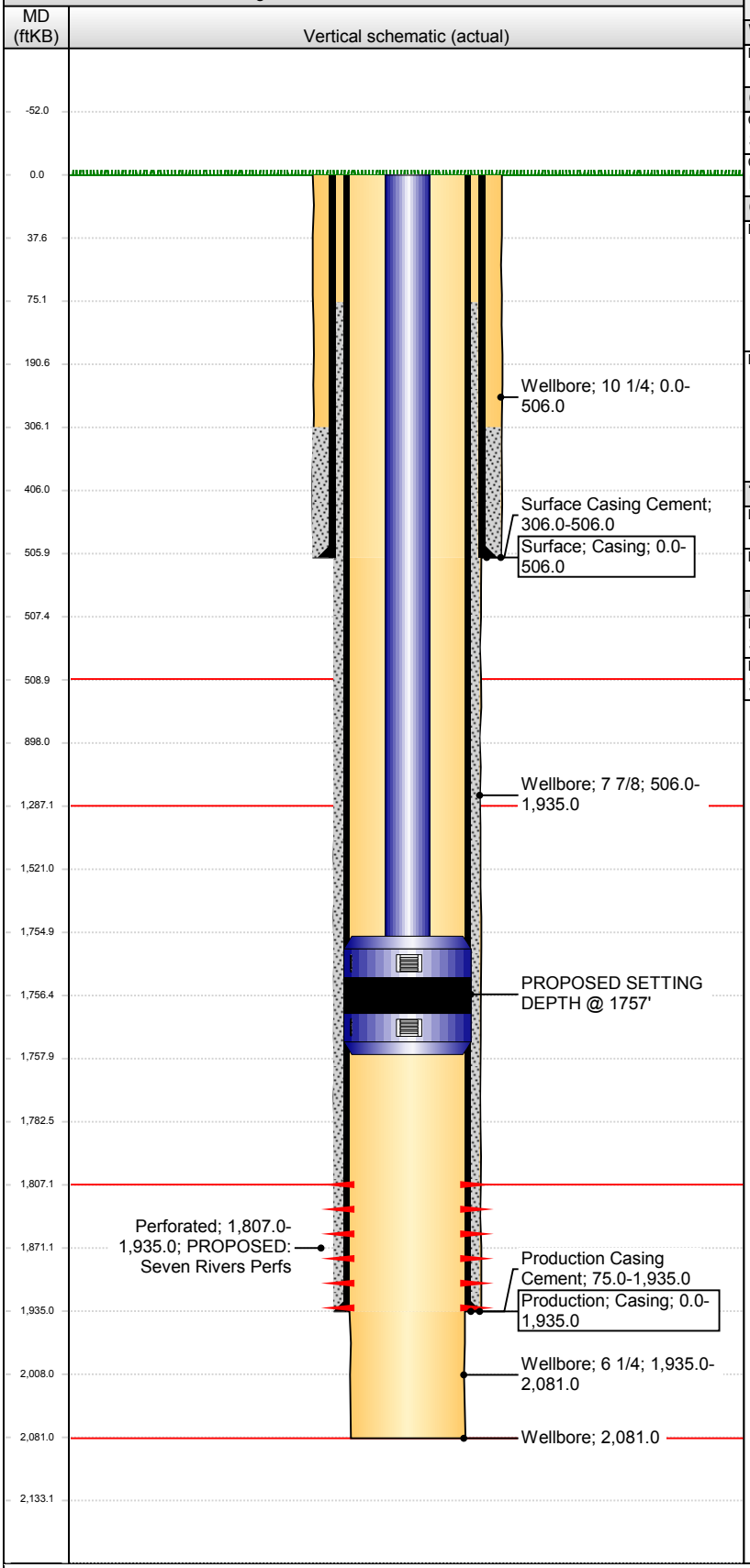
NM Regulatory Schematic

Well Name: FOSTER V L 02

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
3001505201	PBNM - PB-GRAYBURG	Eddy	NM	17	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,693.00	3,693.00	0.00	8/31/1949	9/26/1949	9/26/1949	32° 49' 54.588" N	103° 53' 25.008" W	Yes

Original Hole, 2/26/2015 2:42:18 PM



Original Hole Data

Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag
1,650.0	FSL	2,310.0	FEL

Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Surface	506.0	8 5/8	7.825	36.00	J-55	9/1/1949
Production	1,935.0	7	6.276	26.00	J-55	9/26/1949

Cement Stages

Prop Drill Out?	Des	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
	Surface Casing Cement	306.0	506.0	Calculated	Cemented w/ 50 sx. TOC @ 306' (calc) Assumes 1.32 cu ft/sx and 50% fillup
	Production Casing Cement	75.0	1,935.0	Calculated	Cemented w/ 200 sx. TOC @ 75' (calc) Assumes 1.32 cu ft/sx and 50% fillup

Tubing Components

Prop Run?	Item Description	OD (in)	ID (in)	Wt (lb/ft)	Length (ft)
No	Tubing	2 3/8	1.995	4.60	1,755.00
No	Arrowset Packer	7			2.75

Formations

Formation	Final Top...	Final Btm...	Comment
Salt	509.0	1,287.0	
Seven Rivers	1,807.0	2,081.0	PROPOSED: INJECTION INTERVAL

Form 9-330

Bureau No. 42-R355.1.
Approval expires 11-30-49.

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 049998-A
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-015-05201

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company WEIR DRILLING COMPANY Address Box 716 Monahans, Texas
Lessor or Tract V. I. Foster Field Fren State New Mexico
Well No. 2 Sec. 17 T. 17 R. 31 Meridian County Eddy
Location 1650 ft. {N.} of S Line and 2310 ft. {E.} of E Line of 17 Elevation
{S.} {W.} (Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed

Date October 19, 1949 Title

The summary on this page is for the condition of the well at above date.

Commenced drilling 8-31, 1949 Finished drilling 9-26, 1949

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 1966 to 2010 No. 4, from to

No. 2, from to No. 5, from to

No. 3, from to No. 6, from to

IMPORTANT WATER SANDS

No. 1, from to No. 3, from to

No. 2, from to No. 4, from to

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From—	Perforated To—	Purpose

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7"	1942	200	Halliburton		

PLUGS AND ADAPTERS

Leaving plug—Material Length Depth set

Adapters—Material Size

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
4"		Oil well	115 qts	9-26	2010 up to 1966-2030	

TOOLS USED

Rotary tools were used from feet to feet, and from feet to feet

Cable tools were used from Surface feet to 2081 feet, and from feet to feet

DATES

, 19 Put to producing 9-5 1949

The production for the first 24 hours was 15 barrels of fluid of which 100 % was oil; % emulsion; % water; and % sediment. Gravity, °Bé.

If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. 550 on tubing 525 on caseing

EMPLOYEES

Paul Clifford, Driller , Driller

Jim Bayler, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	55	55	Sand
55	275	220	Sand Red Rock
275	327	52	Anhydrite
327	509	182	Red Rock
509	820	311	Salt (Top of salt 509)
820	1000	180	Salt & Potash
1000	1287	287	Salt & Andydrite (Base of salt 1287)
1287	1395	108	Ankydrite & Red Shale
1395	1775	320	Red Rock & Anhydrite
1775	1815	40	Ankydrite & Red Rock
1815	1948	133	Ankydrite
1948	1952	4	Gas
1952	1964	12	Ankydrite
1964	1978	14	Oil Sand
1978	2000	22	Ankydrite
2000	2007	7	Oil Sand
2007	2081	74	Ankydrite-T.D.

(OVER)

16-43094-2

Side 1

INJECTION WELL DATA SHEET

OPERATOR: LINN OPERATING, INC.

WELL NAME & NUMBER: TURNER A #032 API: 30-015-05230 (Plugged Well)

WELL LOCATION: 1650 FSL, 1650 FEL | J | 18 | 17S | 31E

FOOTAGE LOCATION | UNIT LETTER | SECTION | TOWNSHIP | RANGE

WELLBORE SCHEMATIC

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 12.25" Casing Size: 9.625"

Cemented with: 50 sx. ***or*** _____ ft^3

Top of Cement: 395' Method Determined: Calc.

Production Casing

Hole Size: 9.0" Casing Size: 7.0"

Cemented with: 100 sx. ***or*** _____ ft^3

Top of Cement: 1450' Method Determined: Calc.

Liner

Hole Size: 6.37" Casing Size: 5.5"

Cemented with: _____ sx. ***or*** _____ ft^3

Top of Cement: _____ Method Determined: _____

Total Depth: 1965'

Injection Interval

1758' (Perf) feet to 1965' (Perf)

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2-3/8 Lining Material: Internal Plastic Coated

Type of Packer: 7.0" x 2.75' (Arrowset-1X (NP) Pkr w/ On/Off Tool)

Packer Setting Depth: 1708'

Other Type of Tubing/Casing Seal (if applicable): _____

Additional Data

1. Is this a new well drilled for injection? _____Yes x No

   If no, for what purpose was the well originally drilled? OIL PRODUCTION

2. Name of the Injection Formation: SEVEN RIVERS

3. Name of Field or Pool (if applicable): GRAYBURG JACKSON; SR-Q-G-SA

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. NO

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: YATES, GRAYBURG, SAN ANDRES

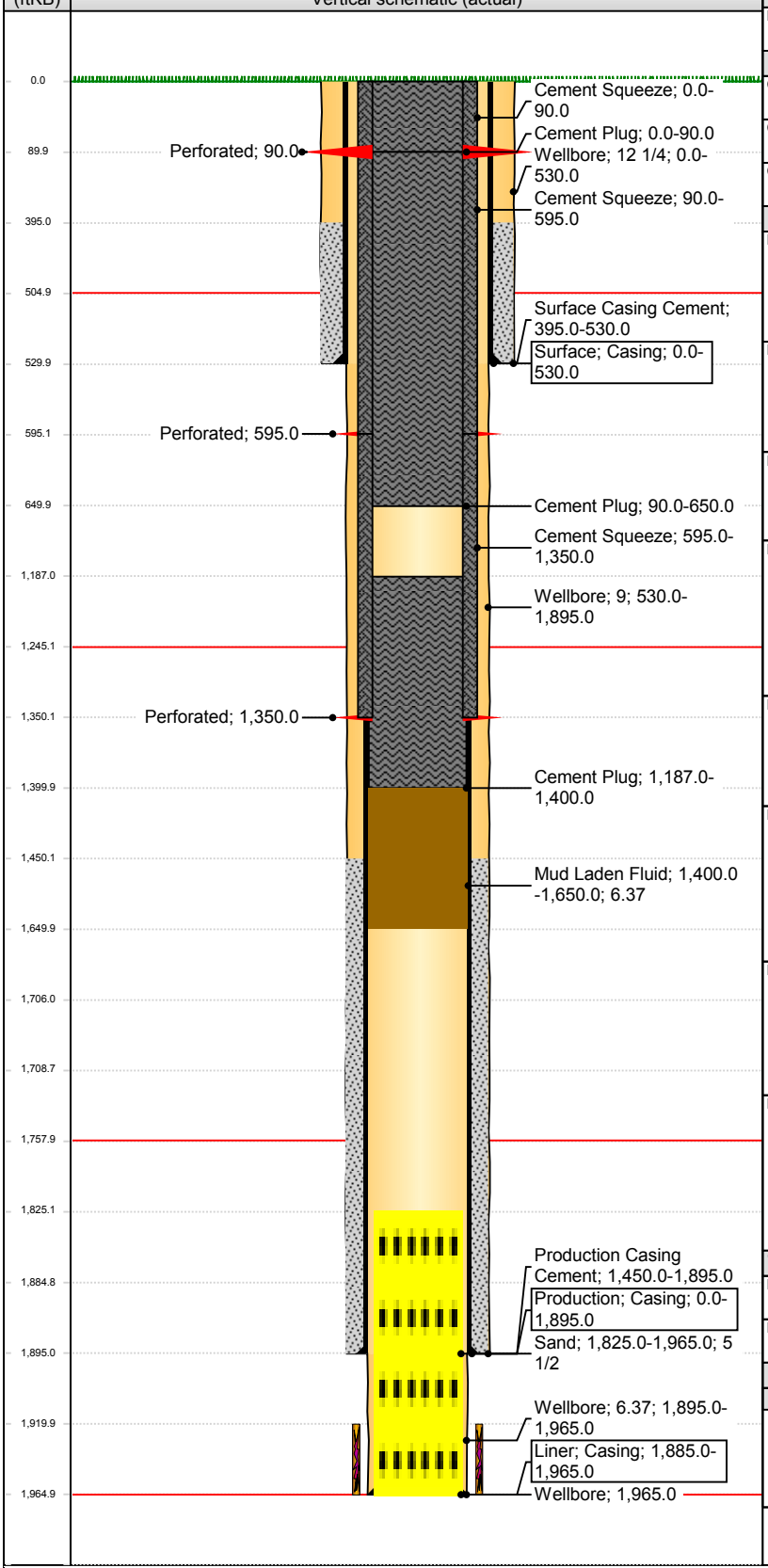
NM Regulatory Schematic

Well Name: TURNER A 32

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
3001505230	PBNM - PB-GRAYBURG	Eddy	NM	18	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,701.00	3,701.00	0.00	7/22/1953	8/15/1953	8/15/1953	32° 49' 54.48" N	103° 54' 18.864" W	Yes

Original Hole, 2/26/2015 2:29:12 PM



Original Hole Data

Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag
1,650.0	FSL	1,650.0	FEL

Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Surface	530.0	9 5/8	8.921	36.00	J-55	7/26/1953
Production	1,895.0	7	6.366	23.00	J-55	8/11/1953
Liner	1,965.0	5 1/2	4.892	17.00	J-55	8/15/1953

Cement Stages

Prop Drill Out?	Des	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
No	Surface Casing Cement	395.0	530.0	Calculated	Cemented w/ 50 sx. TOC @ 395' (calc). Assumes 1.32 cu ft/sx and 50% fillup.
No	Production Casing Cement	1,450.0	1,895.0	Calculated	Cemented w/ 100 sx. TOC @ 1450' (calc). Assumes 1.32 cu ft/sx and 50% fillup.
Yes	Cement Plug	0.0	90.0	Tag	Spotted 25 sx class C to surf. PROPOSED: DRILL OUT
No	Cement Coverage	0.0	90.0	Estimate	Perf'd @ 90' during P&A. Pressured up and could not pump into. Unknown amount of cement coverage assumed.
Yes	Cement Plug	90.0	650.0	Tag	Spotted 100 sx class C neat from 90'-650'. PROPOSED: DRILL OUT
No	Cement Coverage	90.0	595.0	Estimate	Perf'd @ 595' during P&A. Pressured up and could not pump into. Unknown amount of cmt coverage assumed.
Yes	Cement Plug	1,187.0	1,400.0	Tag	Spotted 40 sx class C + 2% CaCl from 1187'-1400'. PROPOSED: DRILL OUT
No	Cement Coverage	595.0	1,350.0	Estimate	Perf'd @ 1350' during P&A. Pressured up and could not pump into. Unknown amount of cmt coverage assumed.

Tubing Components

Prop Run?	Item Description	OD (in)	ID (in)	Wt (lb/ft)	Length (ft)
Yes	Tubing	2 3/8	1.995	4.60	1,706.00
Yes	Packer	7			2.75

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Com
Mud Laden Fluid	1,400.0	1,650.0	11/4/2013	Pumped 65 bbls mud laden fluid. PROPOSED: CLEAN OUT

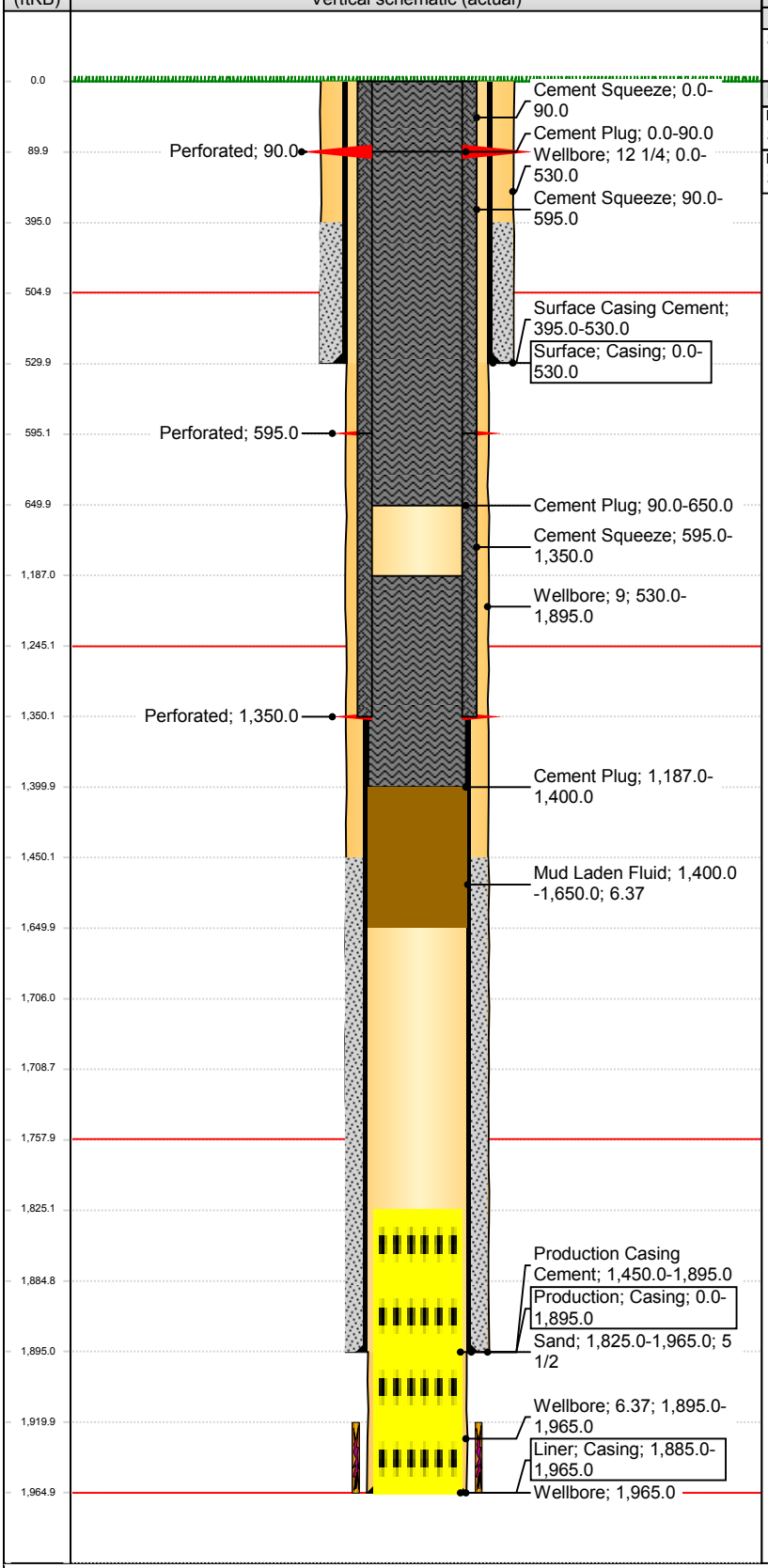
NM Regulatory Schematic

Well Name: TURNER A 32

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
3001505230	PBNM - PB-GRAYBURG	Eddy	NM	18	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,701.00	3,701.00	0.00	7/22/1953	8/15/1953	8/15/1953	32° 49' 54.48" N	103° 54' 18.864" W	Yes

Original Hole, 2/26/2015 2:29:12 PM



Original Hole Data

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Com
Sand	1,825.0	1,965.0	12/4/2014	Hole loaded w/ 4350# sand.

Formations

Formation	Final Top...	Final Btm...	Comment
Salt	505.0	1,245.0	
Formation	Final Top...	Final Btm...	Comment
Seven Rivers	1,758.0	1,965.0	PROPOSED: INJECTION INTERVAL

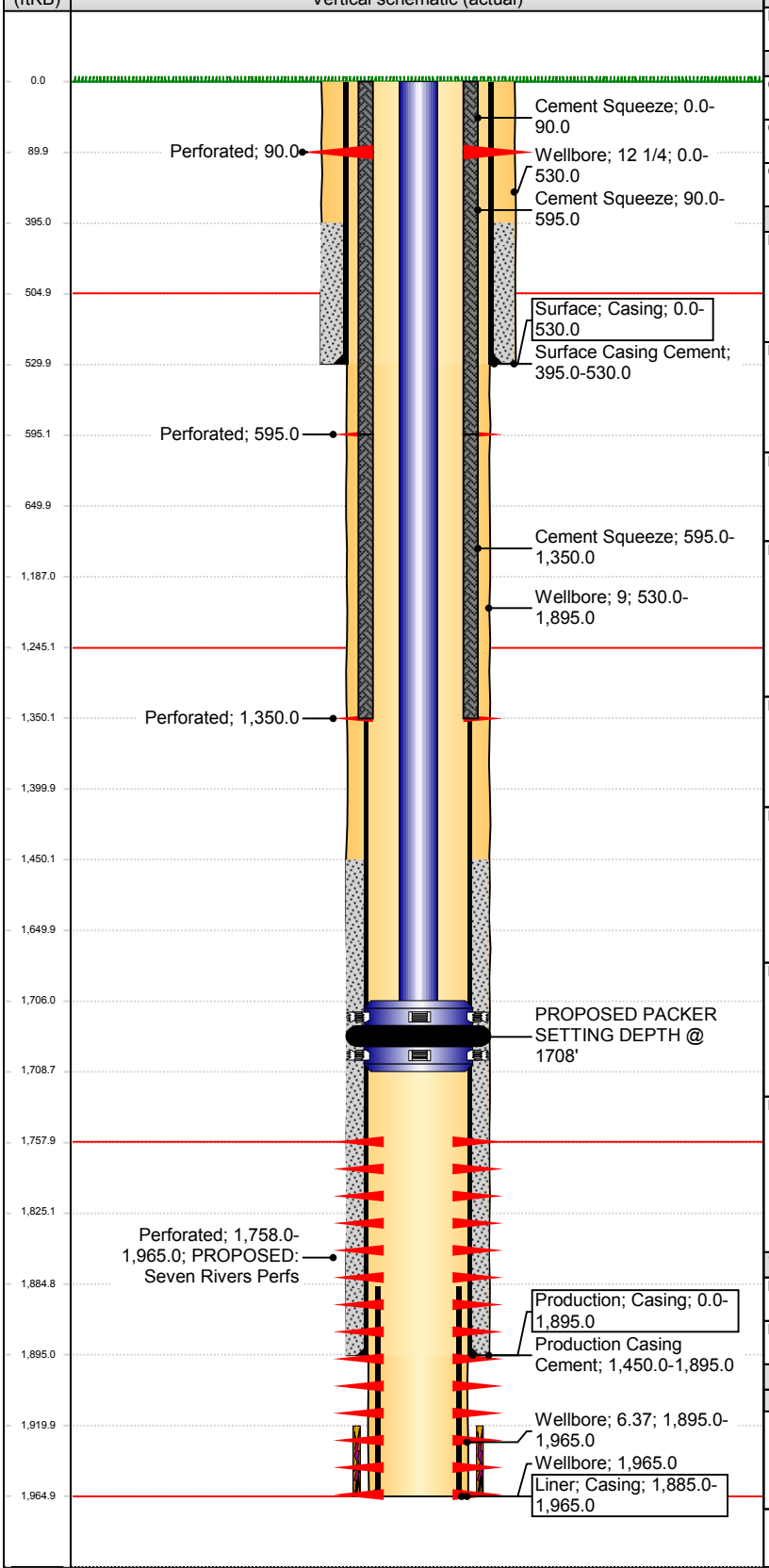
NM Regulatory Schematic

Well Name: TURNER A 32

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
3001505230	PBNM - PB-GRAYBURG	Eddy	NM	18	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,701.00	3,701.00	0.00	7/22/1953	8/15/1953	8/15/1953	32° 49' 54.48" N	103° 54' 18.864" W	Yes

Original Hole, 2/26/2015 2:26:59 PM



Original Hole Data

Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag
1,650.0	FSL	1,650.0	FEL

Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Surface	530.0	9 5/8	8.921	36.00	J-55	7/26/1953
Production	1,895.0	7	6.366	23.00	J-55	8/11/1953
Liner	1,965.0	5 1/2	4.892	17.00	J-55	8/15/1953

Cement Stages

Prop Drill Out?	Des	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
No	Surface Casing Cement	395.0	530.0	Calculated	Cemented w/ 50 sx. TOC @ 395' (calc). Assumes 1.32 cu ft/sx and 50% fillup.
No	Production Casing Cement	1,450.0	1,895.0	Calculated	Cemented w/ 100 sx. TOC @ 1450' (calc). Assumes 1.32 cu ft/sx and 50% fillup.
Yes	Cement Plug	0.0	90.0	Tag	Spotted 25 sx class C to surf. PROPOSED: DRILL OUT
No	Cement Coverage	0.0	90.0	Estimate	Perf'd @ 90' during P&A. Pressured up and could not pump into. Unknown amount of cement coverage assumed.
Yes	Cement Plug	90.0	650.0	Tag	Spotted 100 sx class C neat from 90'-650'. PROPOSED: DRILL OUT
No	Cement Coverage	90.0	595.0	Estimate	Perf'd @ 595' during P&A. Pressured up and could not pump into. Unknown amount of cmt coverage assumed.
Yes	Cement Plug	1,187.0	1,400.0	Tag	Spotted 40 sx class C + 2% CaCl from 1187'-1400'. PROPOSED: DRILL OUT
No	Cement Coverage	595.0	1,350.0	Estimate	Perf'd @ 1350' during P&A. Pressured up and could not pump into. Unknown amount of cmt coverage assumed.

Tubing Components

Prop Run?	Item Description	OD (in)	ID (in)	Wt (lb/ft)	Length (ft)
No	Tubing	2 3/8	1.995	4.60	1,706.00
No	Packer	7			2.75

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Com
Mud Laden Fluid	1,400.0	1,650.0	11/4/2013	Pumped 65 bbls mud laden fluid. PROPOSED: CLEAN OUT

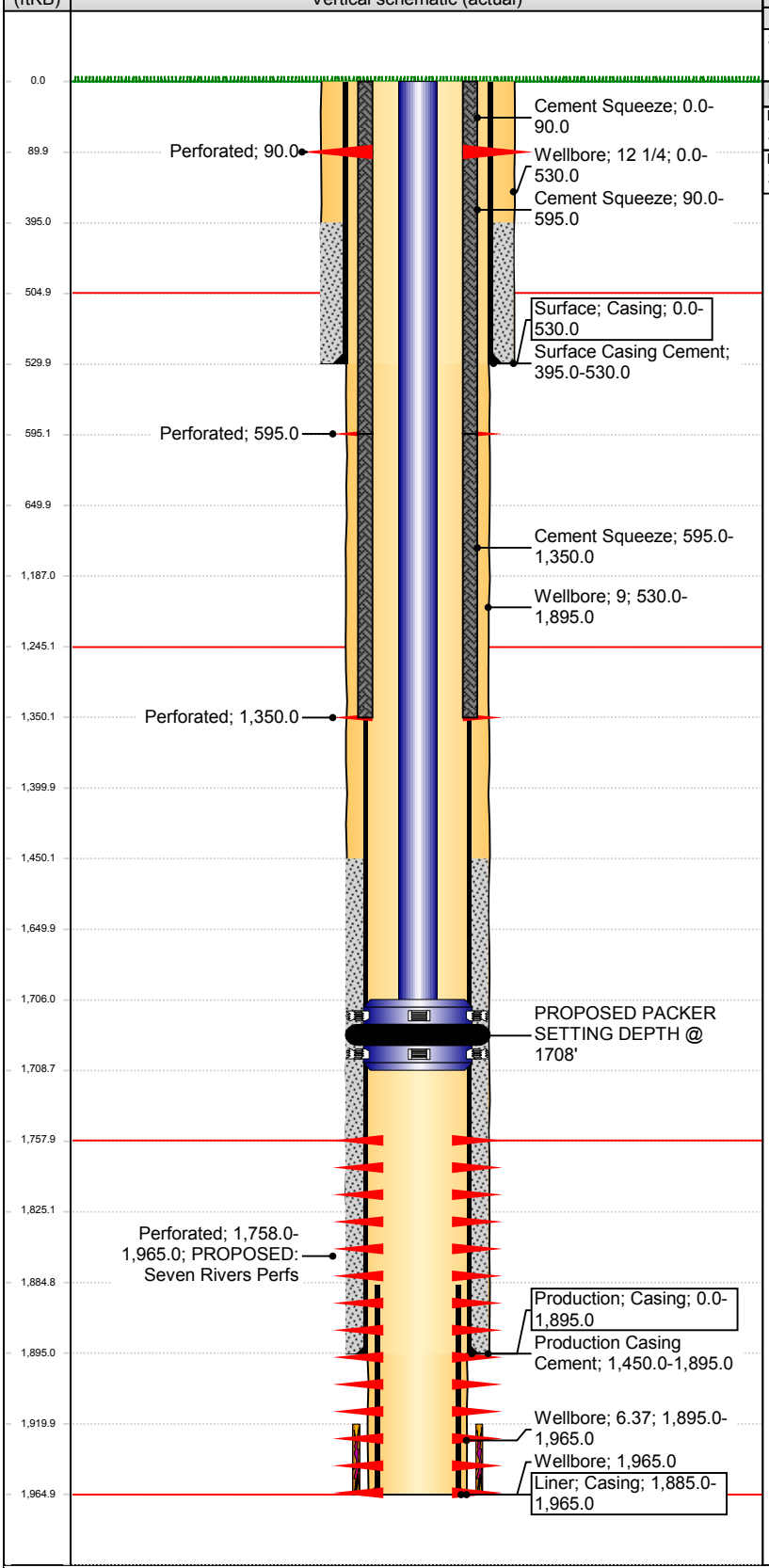
NM Regulatory Schematic

Well Name: TURNER A 32

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
3001505230	PBNM - PB-GRAYBURG	Eddy	NM	18	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,701.00	3,701.00	0.00	7/22/1953	8/15/1953	8/15/1953	32° 49' 54.48" N	103° 54' 18.864" W	Yes

Original Hole, 2/26/2015 2:26:59 PM



Original Hole Data

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Com
Sand	1,825.0	1,965.0	12/4/2014	Hole loaded w/ 4350# sand.

Formations

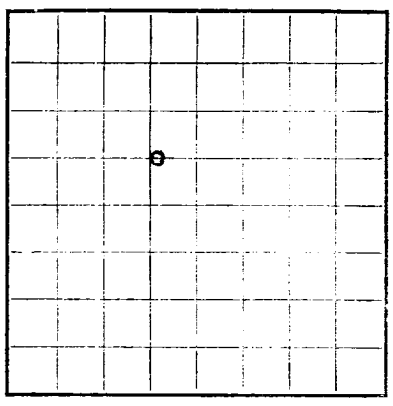
Formation	Final Top...	Final Btm...	Comment
Salt	505.0	1,245.0	
Seven Rivers	1,758.0	1,965.0	PROPOSED: INJECTION INTERVAL

COPY TO O.C.C.

Bud, ...reau No. 42-R355.2.
Appro... expires 12-31-52.

Form 9-330

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 029296-(a)
LEASE OR PERMIT TO PROSPECT Turner



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Southern Production Co., Inc. Address Fort Worth National Bank Bldg. Fort Worth, Texas

Lessor or Tract Turner Field Fren State New Mexico

Well No. 32-A Sec. 18 T. 17S R. 31E Meridian NMPM County Eddy

Location 1650 ft. [N.] of S. Line and 1650 ft. [E.] of W. Line of Sec. 18 Elevation 3700.85'
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed

Date August 26, 1953 Title Dist. Supt.

The summary on this page is for the condition of the well at above date.

Commenced drilling July 22, 19 53 Finished drilling August 15, 19 53

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 1920 to 1924 No. 4, from to

No. 2, from 1954 to 1957 No. 5, from to

No. 3, from to No. 6, from to

IMPORTANT WATER SANDS

No. 1, from to No. 3, from to

No. 2, from to No. 4, from to

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From—	Perforated To—	Purpose
9-5/8	36#	8 RT	Youngs-town	530'	Reg.				
7"	20#	8 RT	J-55	1895'	Reg.				
5-1/2"	17#	8 RT	J-55	1965'	Reg.		1956	1960	For liner 1917-1929 sections thru pays perforated

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8"	530	50	Plug		
7"	1895	100	Plug		
5-1/2"	1965	Liner with sections thru pays perforated			

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set

Adapters—Material Size

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
On August 16, 1953 well was shot from 1920 to 1965 with 250 quarts solidified nitro-glycerin and cleaned out to total depth.						

TOOLS USED

Rotary tools were used from feet to feet, and from feet to feet

Cable tools were used from 0 feet to 1965 feet, and from feet to feet

DATES

, 19 Put to producing August 19, 1953, 19

The production for the first 24 hours was 30 barrels of fluid of which 100% was oil; % emulsion; % water; and % sediment. Gravity, °Bé.

If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in.

EMPLOYEES

C. Miller, Driller J. Miller, Driller

B. Vandagriff, Driller J. Hsue, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	135	135	Sand and Caliche
135	300	165	Sand, red beds and anhy
300	505	205	Red Beds and Anhy Streaks
505	1245	745	Salt
1245	1917	672	Anhydrite
1917	1919	2	Lime
1919	1920	1	Gray lime
1920	1924	4	Brown Dolomite - OIL PAY
1924	1954	30	Anhy & Shale
1954	1957	3	Brown Dolomite - OIL PAY
1957	1965	8	Anhydrite - T.D.

FROM— TO— TOTAL FEET [OVER] FORMATION 16—43094-2

FORMATION RECORD—Continued

Side 1

INJECTION WELL DATA SHEET

OPERATOR: LINN OPERATING, INC.

WELL NAME & NUMBER: TURNER A #033 API: 30-015-05231 (Plugged Well)

WELL LOCATION:	1650 FSL, 2058 FWL	K	18	17S	31E
	FOOTAGE LOCATION	UNIT LETTER	SECTION	TOWNSHIP	RANGE

WELLBORE SCHEMATIC

1. Sqz Job: Perf @ 65' - 80 sx, 435 - Surface, Tag.

1. Sqz Job: Perf @ 1300' - 40 sx, 1300' - 1100, Calc.

2. Sqz Job: Perf @ 620' - 100 sx, 1100' - 65', Calc.

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 12.5" Casing Size: 9.625"

Cemented with: 50 (original) sx. ***or*** _____ ft^3

Top of Cement: 435' Method Determined: Calc.

Intermediate Casing

Hole Size: _____ Casing Size: _____

Cemented with: _____ sx. ***or*** _____ ft^3

Top of Cement: _____ Method Determined: _____

Production Casing

Hole Size: 9.0" Casing Size: 7.0"

Cemented with: 100 (original) sx. ***or*** _____ ft^3

Top of Cement: 1450' Method Determined: Calc.

Total Depth: 2007'

Injection Interval

1802' (Perf) feet to 2007' (Open Hole)

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2-3/8 Lining Material: Internal Plastic Coated

Type of Packer: 7.0" x 2.75' (Arrowset-1X (NP) Pkr w/ On/Off Tool)

Packer Setting Depth: 1752'

Other Type of Tubing/Casing Seal (if applicable): _____

Additional Data

1. Is this a new well drilled for injection? _____Yes X No

   If no, for what purpose was the well originally drilled? OIL PRODUCTION

   _____

2. Name of the Injection Formation: SEVEN RIVERS

3. Name of Field or Pool (if applicable): GRAYBURG JACKSON; SR-Q-G-SA

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. NO

   _____

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: GRAYBURG, YATES, SAN ANDRES

   _____

   _____

   _____

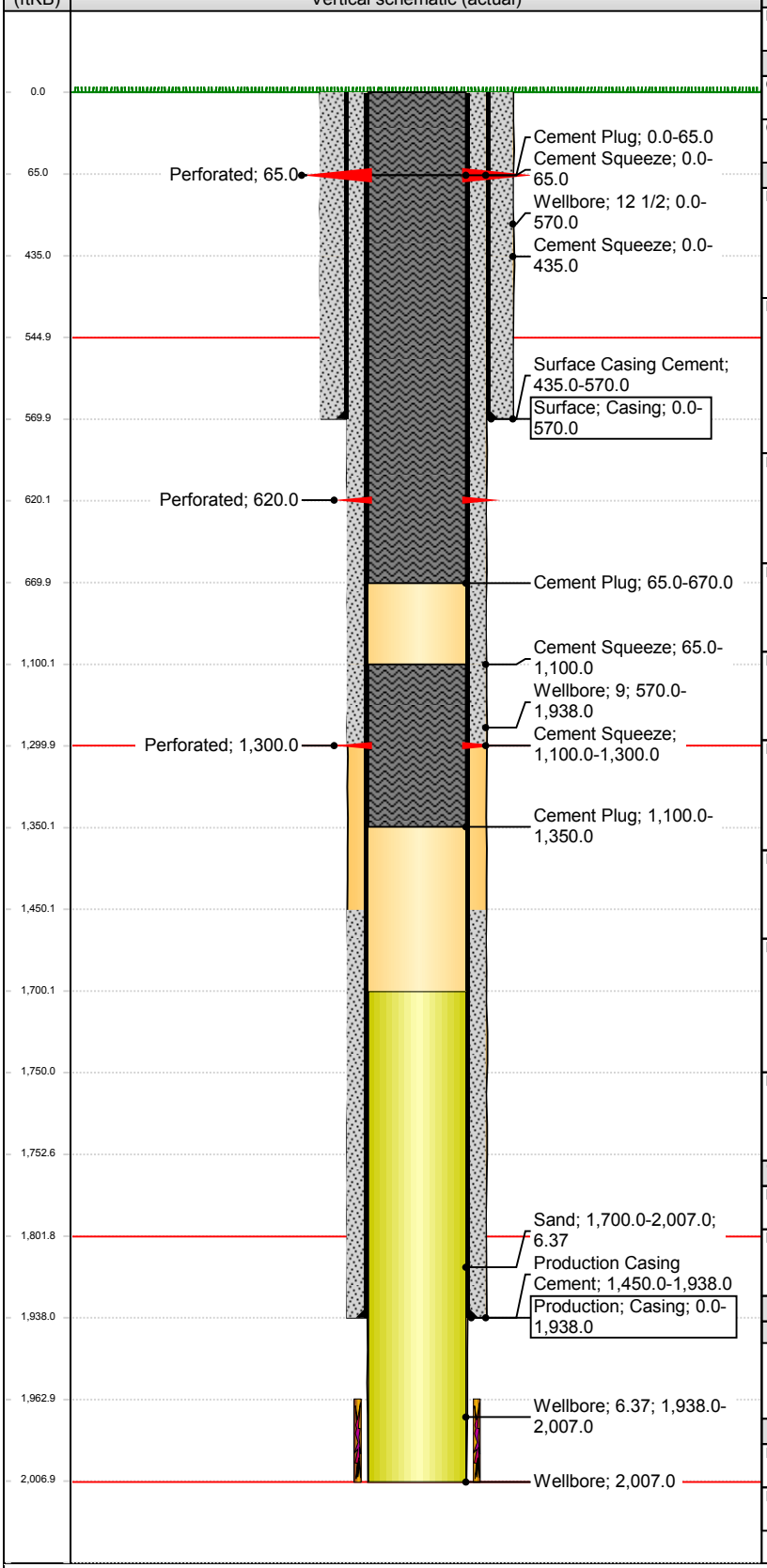
NM Regulatory Schematic

Well Name: TURNER A 33

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
3001505231	PBNM - PB-GRAYBURG	Eddy	NM	18	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,762.00	3,762.00	0.00	8/26/1953	9/23/1953	9/23/1953	32° 49' 54.48" N	103° 54' 34.416" W	Yes

Original Hole, 2/26/2015 2:35:38 PM



Original Hole Data

Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag
1,650.0	FSL	2,058.0	FWL

Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Surface	570.0	9 5/8	8.921	36.00	J-55	8/28/1953
Production	1,938.0	7	6.366	23.00	J-55	9/23/1953

Cement Stages

Prop Drill Out?	Des	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
No	Surface Casing Cement	435.0	570.0	Calculated	Cemented w/ 50 sx. TOC @ 435' (calc). Assumes 1.32 cu ft/sx and 50% fillup.
No	Production Casing Cement	1,450.0	1,938.0	Calculated	Cemented w/ 100 sx (assumed based on offset cmt volumes). TOC @ 1450' (calc). Assumes 1.32 cu ft/sx and 50% fillup.
Yes	Cement Plug	0.0	65.0	Tag	Spotted 40 sx class C Neat cmt from surf - 65'. PROPOSED: DRILL OUT
No	Cement Squeeze	0.0	65.0	Tag	Perf @ 65 Sqz w/40 sx C neat cmt
No	Cement Squeeze	0.0	435.0	Tag	Perf @ 65 Sqz w/40 sx C neat cmt
Yes	Cement Plug	65.0	670.0	Tag	Spotted 100 sx class C cmt from 65'-670'. PROPOSED: DRILL OUT
No	Cement Squeeze	65.0	1,100.0		Perf @ 620 Sqz w/100 sx class C cmt
Yes	Cement Plug	1,100.0	1,350.0	Tag	Spotted 40 sx class C cmt + 2% CaCl from 1100'-1350'. PROPOSED: DRILL OUT
No	Cement Squeeze	1,100.0	1,300.0		Perf @ 1300 Sqz w/40 sx class C cmt + 2% CaCL

Tubing Components

Prop Run?	Item Description	OD (in)	ID (in)	Wt (lb/ft)	Length (ft)
Yes	IPC Tubing	2 3/8	1.995	4.60	1,750.00
Yes	Arrowset-1X (NP) Pkr w/ On/off Tool	7			2.75

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Com
Sand	1,700.0	2,007.0	11/5/2013	Sand tagged @ 1700'. PROPOSED: CLEAN OUT

Formations

Formation	Final Top...	Final Btm...	Comment
Salt	545.0	1,300.0	
Seven Rivers	1,802.0	2,007.0	PROPOSED: INJECTION INTERVAL

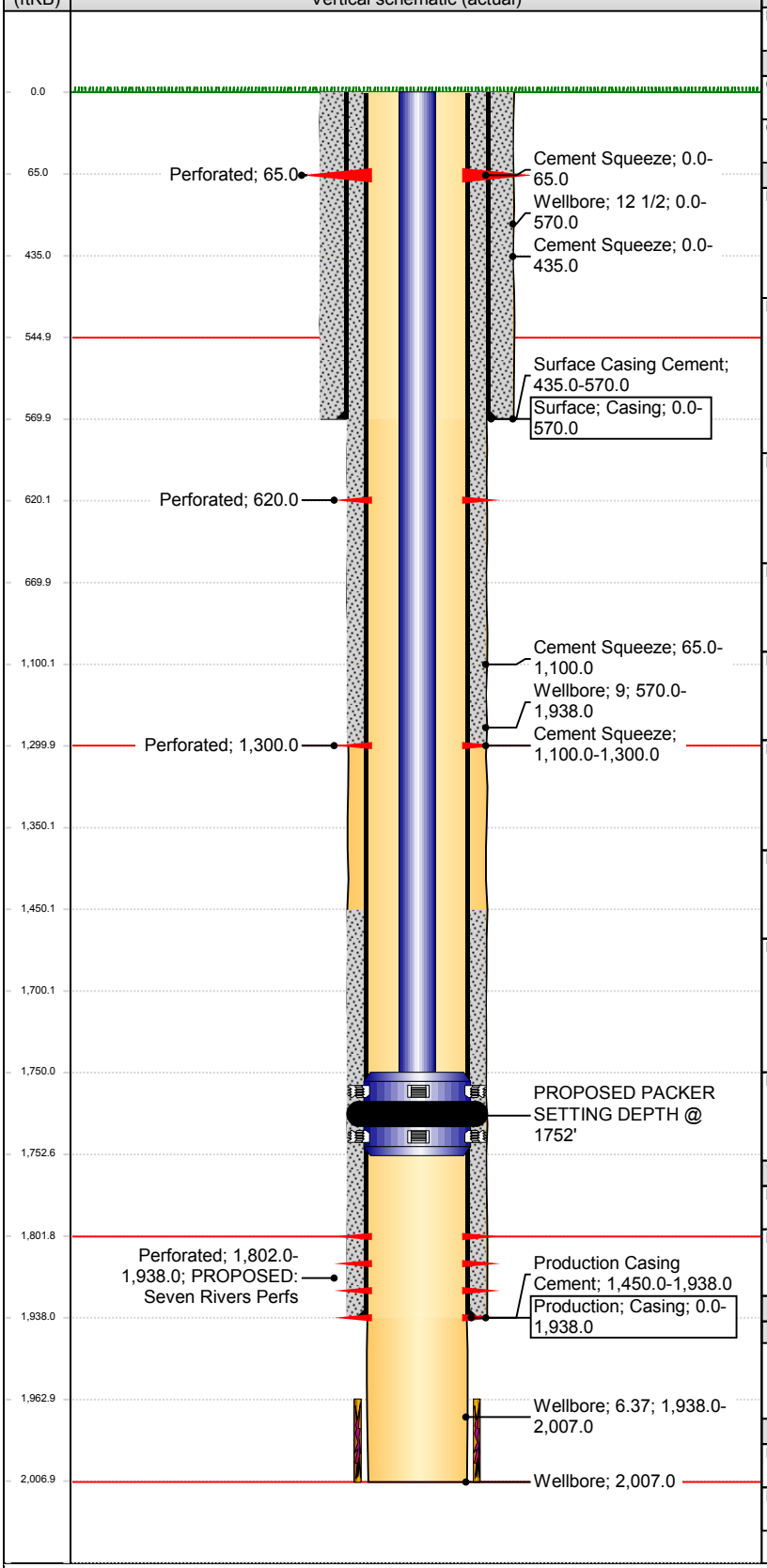
NM Regulatory Schematic

Well Name: TURNER A 33

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
3001505231	PBNM - PB-GRAYBURG	Eddy	NM	18	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,762.00	3,762.00	0.00	8/26/1953	9/23/1953	9/23/1953	32° 49' 54.48" N	103° 54' 34.416" W	Yes

Original Hole, 2/26/2015 2:37:06 PM



Original Hole Data

Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag
1,650.0	FSL	2,058.0	FWL

Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Surface	570.0	9 5/8	8.921	36.00	J-55	8/28/1953
Production	1,938.0	7	6.366	23.00	J-55	9/23/1953

Cement Stages

Prop Drill Out?	Des	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
No	Surface Casing Cement	435.0	570.0	Calculated	Cemented w/ 50 sx. TOC @ 435' (calc). Assumes 1.32 cu ft/sx and 50% fillup.
No	Production Casing Cement	1,450.0	1,938.0	Calculated	Cemented w/ 100 sx (assumed based on offset cmt volumes). TOC @ 1450' (calc). Assumes 1.32 cu ft/sx and 50% fillup.
Yes	Cement Plug	0.0	65.0	Tag	Spotted 40 sx class C Neat cmt from surf - 65'. PROPOSED: DRILL OUT
No	Cement Squeeze	0.0	65.0	Tag	Perf @ 65 Sqz w/40 sx C neat cmt
No	Cement Squeeze	0.0	435.0	Tag	Perf @ 65 Sqz w/40 sx C neat cmt
Yes	Cement Plug	65.0	670.0	Tag	Spotted 100 sx class C cmt from 65'-670'. PROPOSED: DRILL OUT
No	Cement Squeeze	65.0	1,100.0		Perf @ 620 Sqz w/100 sx class C cmt
Yes	Cement Plug	1,100.0	1,350.0	Tag	Spotted 40 sx class C cmt + 2% CaCl from 1100'-1350'. PROPOSED: DRILL OUT
No	Cement Squeeze	1,100.0	1,300.0		Perf @ 1300 Sqz w/40 sx class C cmt + 2% CaCL

Tubing Components

Prop Run?	Item Description	OD (in)	ID (in)	Wt (lb/ft)	Length (ft)
No	IPC Tubing	2 3/8	1.995	4.60	1,750.00
No	Arrowset-1X (NP) Pkr w/ On/off Tool	7			2.75

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Com
Sand	1,700.0	2,007.0	11/5/2013	Sand tagged @ 1700'. PROPOSED: CLEAN OUT

Formations

Formation	Final Top...	Final Btm...	Comment
Salt	545.0	1,300.0	
Seven Rivers	1,802.0	2,007.0	PROPOSED: INJECTION INTERVAL

(Form C-104)
(Revised 7/1/52)

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

REQUEST FOR (OIL) - (GAS) ALLOWABLE

New Well
~~Recompletion~~

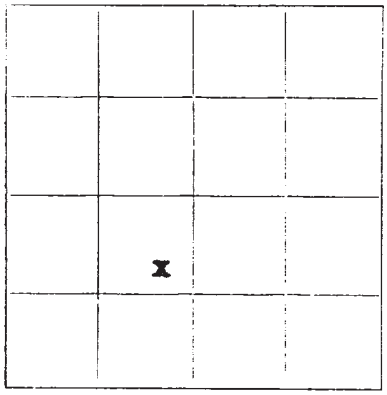
This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Loco Hills, New Mex. (Place) September 30, 1953 (Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

Southern Production Co., Inc. (Company or Operator) Turner "A" (Lease), Well No. 33, in NE ¼ SW ¼,
K (Unit), Sec. 18, T. 17S, R. 31E, NMPM., Fren Pool
Eddy County. Date Spudded 8-26-53, Date Completed 9-23-53

Please indicate location:



Elevation 3761.63 Total Depth 2007', P.B.

Top oil/gas pay 1964' Top of Prod. Form. Seven Rivers

Casing Perforations: or

Depth to Casing shoe of Prod. String 1971

Natural Prod. Test 8 BOPD

based on 8 bbls. Oil in 24 Hrs. Mins.

Test after acid or shot 33 BOPD

Based on 33 bbls. Oil in 24 Hrs. Mins.

Gas Well Potential

Size choke in inches

Date first oil run to tanks or gas to Transmission system: 9-23-53

Transporter taking Oil or Gas: Texas-New Mexico Pipe Line

Casing and Cementing Record

Size	Feet	Sax
9-5/8	570	50
7	1938	100

Remarks: Well shot from 1963 to 2007' with 190 quarts nitro-glycerin

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

Approved ..., 19...

OIL CONSERVATION COMMISSION

By: L. A. Hanson

Title

Southern Production Company, Inc.
(Company or Operator)

By: L. E. Vandeven
(Signature)

Title Dist. Supt.

Send Communications regarding well to:

Name Southern Production Co., Inc.

Address P.O.Box 396, Loco Hills, New Mex.

Side 1

INJECTION WELL DATA SHEET

OPERATOR: LINN OPERATING, INC.

WELL NAME & NUMBER: TURNER B #018 API: 30-015-05290

WELL LOCATION: 1980 FSL, 1980 FEL J 20 17S 31E

FOOTAGE LOCATION | UNIT LETTER | SECTION | TOWNSHIP | RANGE

WELLBORE SCHEMATIC

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 10.0" Casing Size: 8.25"

Cemented with: 50 sx. ***or*** _____ ft^3

Top of Cement: 400' Method Determined: Calc.

Intermediate Casing

Hole Size: _____ Casing Size: _____

Cemented with: _____ sx. ***or*** _____ ft^3

Top of Cement: _____ Method Determined: _____

Production Casing

Hole Size: 9.25" Casing Size: 7.0"

Cemented with: 100 sx. ***or*** _____ ft^3

Top of Cement: 1010' Method Determined: Calc.

Total Depth: 2067' TVD

Injection Interval

1826' (Perf) feet to 2067' (Open Hole)

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2-3/8 Lining Material: Internal Plastic Coated (IPC)

Type of Packer: 2.375" x 2.75' (Arrowset-1X (NP) Pkr w/ On/Off Tool)

Packer Setting Depth: 1776'

Other Type of Tubing/Casing Seal (if applicable): _____

Additional Data

1. Is this a new well drilled for injection? _____Yes x No

   If no, for what purpose was the well originally drilled? OIL PRODUCTION

   _____

2. Name of the Injection Formation: SEVEN RIVERS

3. Name of Field or Pool (if applicable): GRAYBURG JACKSON; SR-Q-G-SA

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. NO

   _____

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: YATES, GRAYBURG, SAN ANDRES

   _____

   _____

   _____

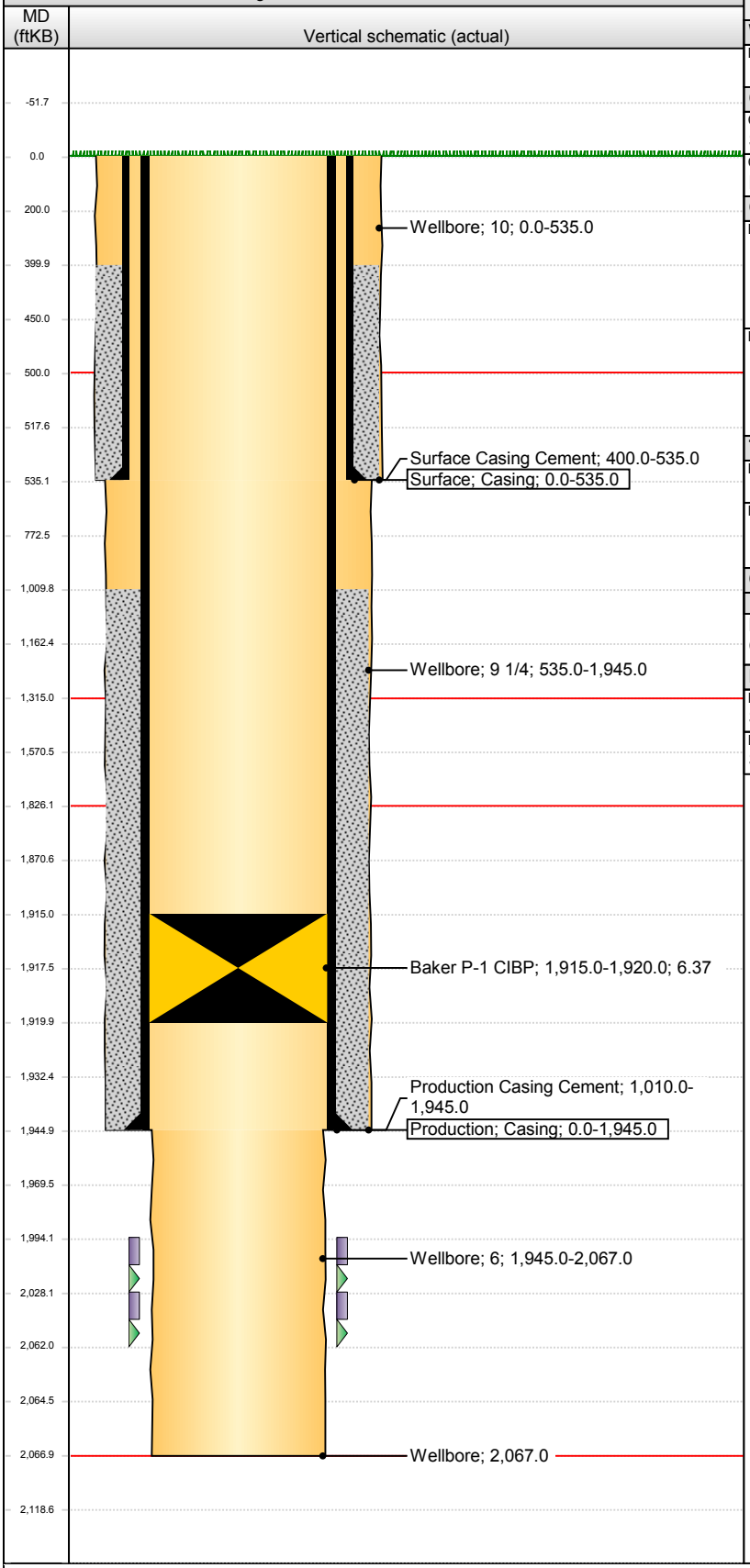
NM Regulatory Schematic

Well Name: TURNER B 18

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
3001505290	PBNM - PB-GRAYBURG	Eddy	NM	20	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,685.39	3,685.39	0.00	5/2/1945		6/13/1945	32° 49' 5.952" N	103° 53' 21.192" W	Yes

Original Hole, 2/24/2015 4:25:40 PM



Original Hole Data

Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag
1,980.0	FSL	1,980.0	FEL

Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Surface	535.0	8 1/4	7 3/4	14.00		5/3/1945
Production	1,945.0	7	6.366	24.00		6/6/1945

Cement Stages

Prop Drill Out?	Des	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
	Surface Casing Cement	400.0	535.0	Calculated	Cemented w/ 50 sx. TOC @ 400' (calc) Assumes 1.32 cu ft/sx and 50% fillup
	Production Casing Cement	1,010.0	1,945.0	Calculated	Cemented w/ 100 sx TOC @ 1010' (calc) Assumes 1.32 cu ft/sx and 50% fillup

Tubing Components

Prop Run?	Item Description	OD (in)	ID (in)	Wt (lb/ft)	Length (ft)
Yes	IPC Tubing	2 3/8	1.995	4.70	1,774.00
Yes	Arrowset-1X (NP) w/ on/off tool	2 3/8			2.75

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Com
Baker P-1 CIBP	1,915.0	1,920.0	9/6/1985	PROPOSED: DRILL OUT

Formations

Formation	Final Top...	Final Btm...	Comment
Salt	500.0	1,315.0	
Seven Rivers	1,826.0	2,067.0	PROPOSED: INJECTION INTERVAL

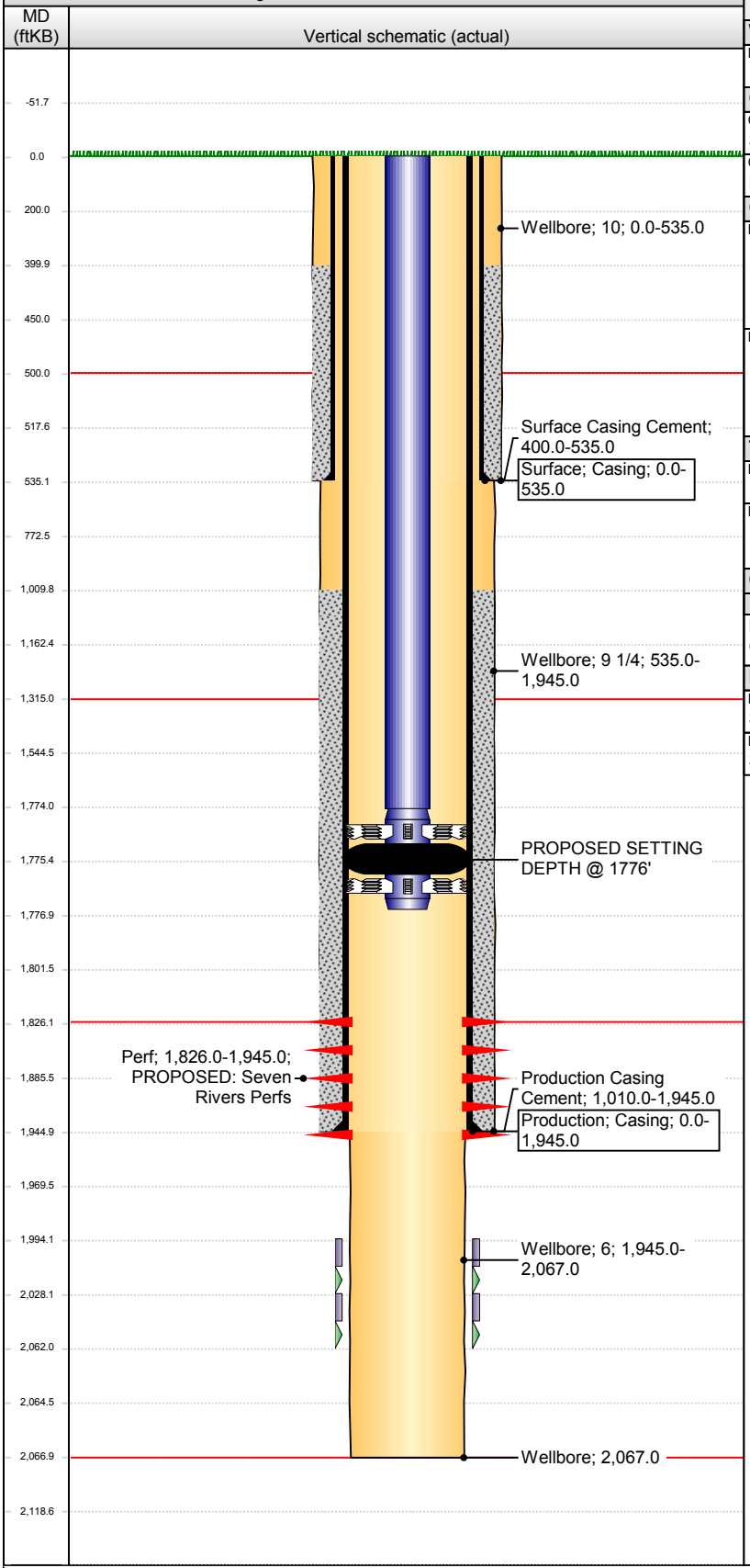
NM Regulatory Schematic

Well Name: TURNER B 18

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
3001505290	PBNM - PB-GRAYBURG	Eddy	NM	20	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,685.39	3,685.39	0.00	5/2/1945		6/13/1945	32° 49' 5.952" N	103° 53' 21.192" W	Yes

Original Hole, 2/24/2015 4:27:06 PM



Original Hole Data

Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag
1,980.0	FSL	1,980.0	FEL

Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Surface	535.0	8 1/4	7 3/4	14.00		5/3/1945
Production	1,945.0	7	6.366	24.00		6/6/1945

Cement Stages

Prop Drill Out?	Des	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
	Surface Casing Cement	400.0	535.0	Calculated	Cemented w/ 50 sx. TOC @ 400' (calc) Assumes 1.32 cu ft/sx and 50% fillup
	Production Casing Cement	1,010.0	1,945.0	Calculated	Cemented w/ 100 sx TOC @ 1010' (calc) Assumes 1.32 cu ft/sx and 50% fillup

Tubing Components

Prop Run?	Item Description	OD (in)	ID (in)	Wt (lb/ft)	Length (ft)
No	IPC Tubing	2 3/8	1.995	4.70	1,774.00
No	Arrowset-1X (NP) w/ on/off tool	2 3/8			2.75

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Com
Baker P-1 CIBP	1,915.0	1,920.0	9/6/1985	PROPOSED: DRILL OUT

Formations

Formation	Final Top...	Final Btm...	Comment
Salt	500.0	1,315.0	
Seven Rivers	1,826.0	2,067.0	PROPOSED: INJECTION INTERVAL

Budget Bureau No. 42-R355.1.
Approval expires 11-30-49.

Form 9-330

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 029395 (b)
LEASE OR PERMIT TO PROSPECT Mancil E. Turner

UNITED STATES 30-015-05290
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Southern Production Company, Inc. (Danciger Oil & Refining Company) Address P. O. Box 670, Fort Worth, Texas
Lessor or Tract U.S.A. Field Jackson State New Mexico
Well No. 18-B Sec. 20 T. 17S R. 31E Meridian NMPM County Eddy
Location 1980 ft. {N. / S.} of S Line and 1980 ft. {E. / W.} of E Line of Sec. 20 Elevation 3685.39 (Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed [signature]
Title Agent

Date NOV 14 1951

The summary on this page is for the condition of the well at above date.

Commenced drilling May 3, 19 45 Finished drilling June 13, 19 45

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2013 to 2016 No. 4, from ____ to ____
No. 2, from 2043 to 2047 No. 5, from ____ to ____
No. 3, from ____ to ____ No. 6, from ____ to ____

IMPORTANT WATER SANDS

No. 1, from ____ to ____ No. 3, from ____ to ____
No. 2, from ____ to ____ No. 4, from ____ to ____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From—	Perforated To—	Purpose
8¼"	14#	10	Pittsbg.	535'	Common	none pulled			
7"	24#	8	"	1945'	"	" "			

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8¼"	535'	50	Halliburton		
7"	1945'	100	"		

PLUGS AND ADAPTERS

Heaving plug—Material ____ Length ____ Depth set ____
Adapters—Material ____ Size ____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
5"		Nitroglycerin	160 qts.	6/18	2010-2050	

TOOLS USED

Rotary tools were used from ____ feet to ____ feet, and from ____ feet to ____ feet
Cable tools were used from 0 feet to 2067 feet, and from ____ feet to ____ feet

DATES

July 5, 19 45 Put to producing June 28, 19 45

The production for the first 24 hours was 65 barrels of fluid of which 0 % was oil; 0 % emulsion; 0 % water; and 0 % sediment. Gravity, °Bé. ____

If gas well, cu. ft. per 24 hours ____ Gallons gasoline per 1,000 cu. ft. of gas ____

Rock pressure, lbs. per sq. in. ____

EMPLOYEES

Kersey & Company, Driller ____, Driller
____, Driller ____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	110		Red bed
110	120		Gray sandy shale
120	260		Red bed
260	290		Gray shale
290	310		Gyp
310	325		Red bed
325	350		Anhydrite
350	425		Gyp
425	461		Red bed
461	463		Water rock
463	500		Red bed
500	510		Show of salt
510	1315		Salt
1315	1490		Anhydrite
1490	1545		Red sand
1545	1590		Red rock
1590	1951		Anhydrite
1951	1961		Anhydrite show of brown sand
1961	2007		Anhydrite
2007	2017		Anhy. and brown sand
2017	2026		Anhydrite
2026	2050		Anhy. and brown sand
2050	2067		Anhydrite
			Total Depth

FOLD | MARK

(OVER)

16—43064-8

Side 1

INJECTION WELL DATA SHEET

OPERATOR: LINN OPERATING, INC.

WELL NAME & NUMBER: TURNER B #019 API: 30-015-05291 (Plugged Well)

WELL LOCATION: 1980 FSL, 660 FEL | I | 20 | 17S | 31E

FOOTAGE LOCATION | UNIT LETTER | SECTION | TOWNSHIP | RANGE

WELLBORE SCHEMATIC

1. Sqz Job: Perf @ 562' - 400 sx, 562' - 375', Tag.

2. Sqz Job: Pump 25 sx down 8- 5/8" annulus, 221' - Surface Tagged.

1. Sqz Job: Pump 65 sx down 7" annulus, 375' - Surface, Tag.

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 11.25" Casing Size: 8.625"

Cemented with: 50 sx. ***or*** _____ ft^3

Top of Cement: 221' Method Determined: Calc.

Intermediate Casing

Hole Size: _____ Casing Size: _____

Cemented with: _____ sx. ***or*** _____ ft^3

Top of Cement: _____ Method Determined: _____

Production Casing

Hole Size: 8.25" Casing Size: 7.0"

Cemented with: 100 sx. ***or*** _____ ft^3

Top of Cement: 726' Method Determined: Calc.

Total Depth: 2096' TVD

Injection Interval

1864' (Perf) feet to 2096' (Open Hole)

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2-3/8 Lining Material: Internal Plastic Coated

Type of Packer: 7.0' x 2.75" (Arrowset-1X (NP) Pkr w/ On/Off Tool)

Packer Setting Depth: 1814'

Other Type of Tubing/Casing Seal (if applicable): _____

Additional Data

1. Is this a new well drilled for injection? _____Yes X No

   If no, for what purpose was the well originally drilled? OIL PRODUCTION

   _____

2. Name of the Injection Formation: SEVEN RIVERS

3. Name of Field or Pool (if applicable): GRAYBURG JACKSON; SR-Q-G-SA

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. NO

   _____

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: YATES, GRAYBURG, SAN ANDRES

   _____

   _____

   _____

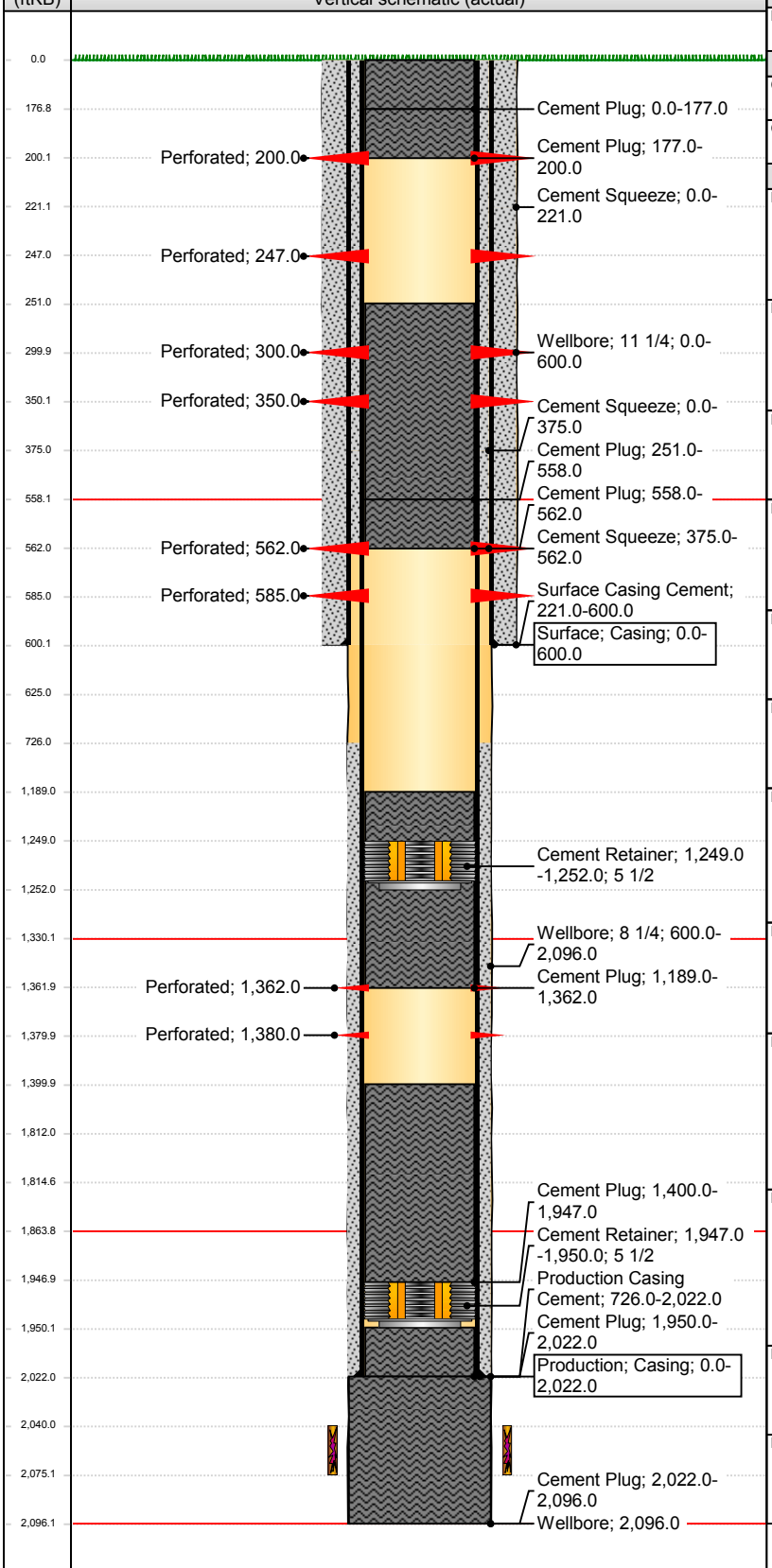
NM Regulatory Schematic

Well Name: TURNER B 19

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
300150529100	PBNM - PB-GRAYBURG	Eddy	NM	20	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,725.89	3,725.89	0.00	7/16/1945		8/26/1945			Yes

Original Hole, 2/26/2015 2:49:35 PM



Original Hole Data

Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag
1,980.0	FSL	660.0	FEL

Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Surface	600.0	8 5/8	8.097	24.00	J-55	7/30/1945
Production	2,022.0	7	6.456	20.00	J-55	8/25/1945

Cement Stages

Prop Drill Out?	Des	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
No	Surface Casing Cement	221.0	600.0	Calculated	Cemented w/ 50 sx. TOC @ 221' (calc). Assumes 1.32 cu ft/sx and 50% fillup.
No	Production Casing Cement	726.0	2,022.0	Calculated	Cemented w/ 100 sx. TOC @ 726' (calc). Assumes 1.32 cu ft/sx and 50% fillup.
No	Cement Squeeze	0.0	375.0	Tag	Pump 40 sx cmt & 25 sx thixotropic cmt down 7" annulus.
No	Cement Squeeze	375.0	562.0	Tag	Squeeze 400 sx cmt into @ 562' perfs. TOC @ 375' (temp survey)
No	Cement Squeeze	0.0	221.0	Tag	Pump 25x thixotropic down 8-5/8" annulus. Circ to surface.
Yes	Cement Plug	0.0	177.0	Tag	47 sx cmt. PROPOSED: DRILL OUT
Yes	Cement Plug	177.0	200.0	Tag	250 sx class C cmt Estab PIR w/no returns @ 247'. PROPOSED: DRILL OUT
Yes	Cement Plug	251.0	558.0	Tag	153 sx class C cmt. Tagged @ 251' PROPOSED: DRILL OUT
Yes	Cement Plug	558.0	562.0	Tag	300 sx class C cmt + 100 sx thixotropic cmt. Could not Pump in Perf @ 585'. PROPOSED: DRILL OUT
Yes	Cement Plug	1,189.0	1,362.0	Tag	150 sx cmt Could not Pump in Perf @ 1380' 60 ft cmt on top of CR. PROPOSED: DRILL OUT
Yes	Cement Plug	1,400.0	1,947.0	Tag	74 sx cmt. PROPOSED: DRILL OUT
Yes	Cement Plug	1,950.0	2,022.0	Tag	150 sx cmt. (1950-2046') PROPOSED: DRILL OUT

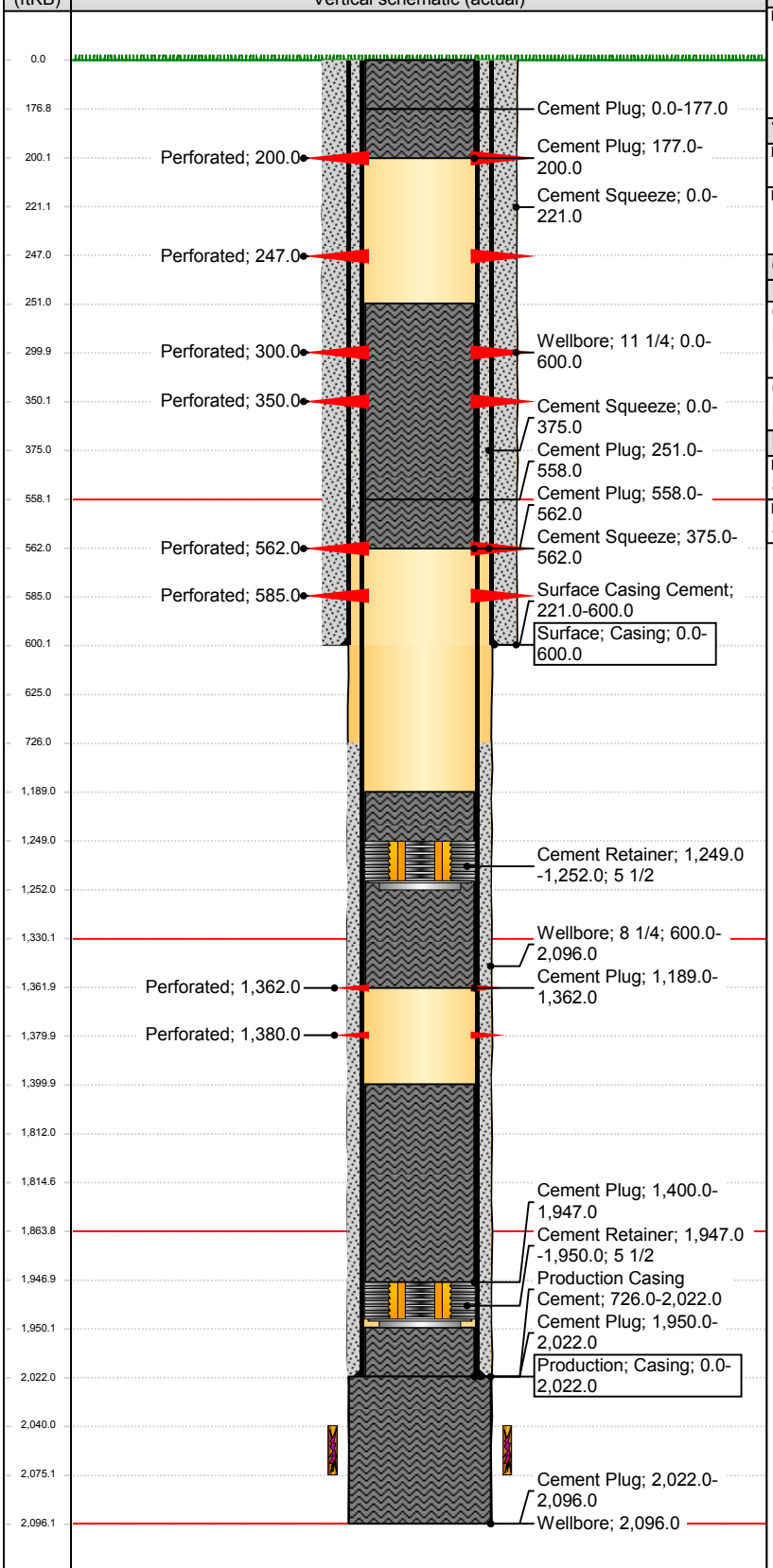
NM Regulatory Schematic

Well Name: TURNER B 19

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
300150529100	PBNM - PB-GRAYBURG	Eddy	NM	20	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,725.89	3,725.89	0.00	7/16/1945		8/26/1945			Yes

Original Hole, 2/26/2015 2:49:36 PM



Original Hole Data

Cement Stages

Prop Drill Out?	Des	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
Yes	Cement Plug	2,022.0	2,096.0	Tag	150 sx cmt OH Plug. (1950-2046') PROPOSED: DRILL OUT

Tubing Components

Prop Run?	Item Description	OD (in)	ID (in)	Wt (lb/ft)	Length (ft)
Yes	IPC Tubing	2 3/8	1.995	4.60	1,812.00
Yes	Arrowset-1X (NP) Pkr w/ On/off Tool	7			2.75

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Com
Cement Retainer	1,249.0	1,252.0	11/13/1986	60 ft cmt on top. PROPOSED: DRILL OUT
Cement Retainer	1,947.0	1,950.0	11/13/1986	PROPOSED: DRILL OUT

Formations

Formation	Final Top...	Final Btm...	Comment
Salt	558.0	1,330.0	
Seven Rivers	1,864.0	2,096.0	PROPOSED: INJECTION INTERVAL

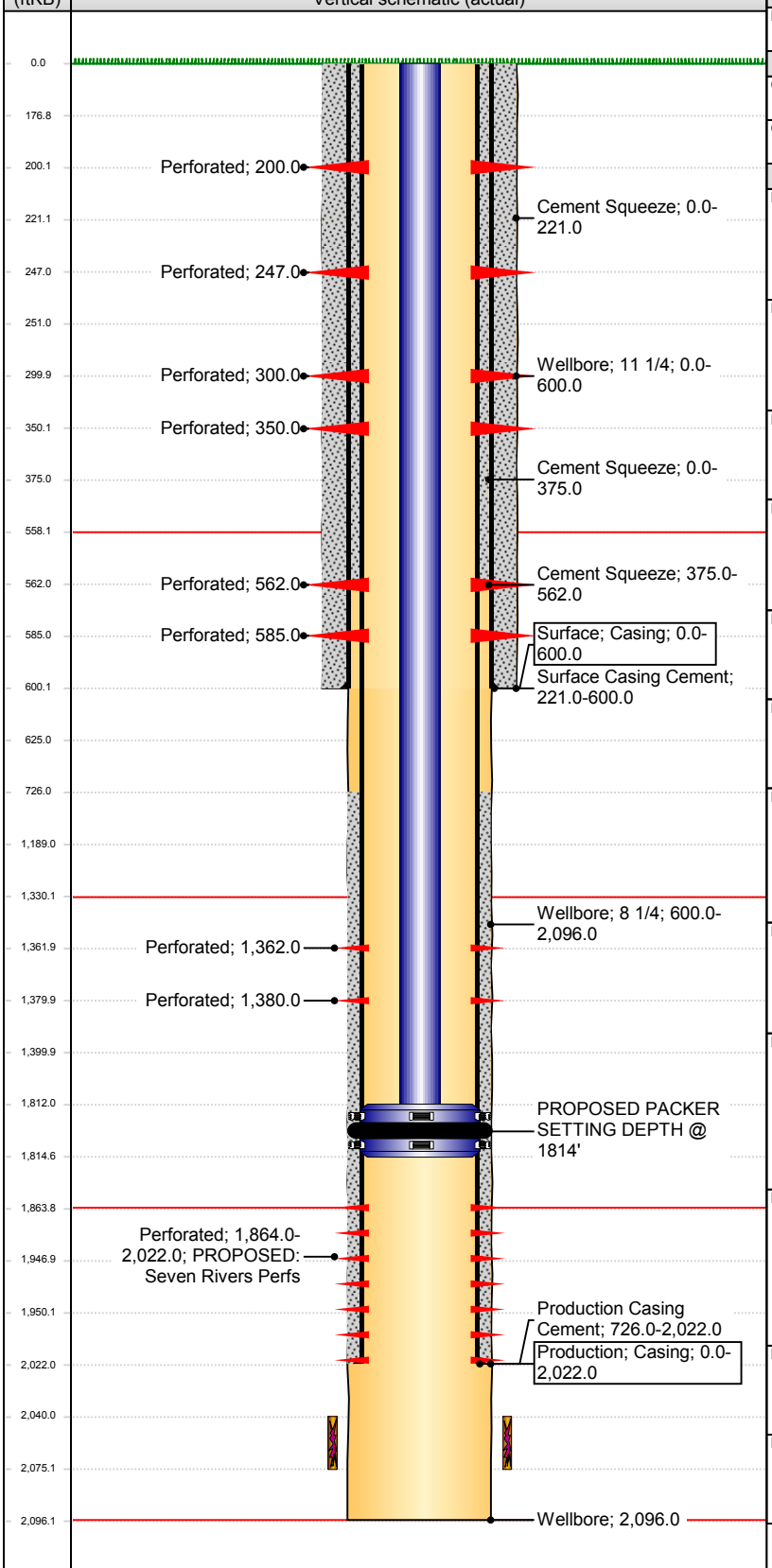
NM Regulatory Schematic

Well Name: TURNER B 19

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
300150529100	PBNM - PB-GRAYBURG	Eddy	NM	20	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,725.89	3,725.89	0.00	7/16/1945		8/26/1945			Yes

Original Hole, 2/26/2015 2:48:16 PM



Original Hole Data

Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag
1,980.0	FSL	660.0	FEL

Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Surface	600.0	8 5/8	8.097	24.00	J-55	7/30/1945
Production	2,022.0	7	6.456	20.00	J-55	8/25/1945

Cement Stages

Prop Drill Out?	Des	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
No	Surface Casing Cement	221.0	600.0	Calculated	Cemented w/ 50 sx. TOC @ 221' (calc). Assumes 1.32 cu ft/sx and 50% fillup.
No	Production Casing Cement	726.0	2,022.0	Calculated	Cemented w/ 100 sx. TOC @ 726' (calc). Assumes 1.32 cu ft/sx and 50% fillup.
No	Cement Squeeze	0.0	375.0	Tag	Pump 40 sx cmt & 25 sx thixotropic cmt down 7" annulus.
No	Cement Squeeze	375.0	562.0	Tag	Squeeze 400 sx cmt into @ 562' perfs. TOC @ 375' (temp survey)
No	Cement Squeeze	0.0	221.0	Tag	Pump 25x thixotropic down 8-5/8" annulus. Circ to surface.
Yes	Cement Plug	0.0	177.0	Tag	47 sx cmt. PROPOSED: DRILL OUT
Yes	Cement Plug	177.0	200.0	Tag	250 sx class C cmt Estab PIR w/no returns @ 247'. PROPOSED: DRILL OUT
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Yes	Cement Plug	558.0	562.0	Tag	300 sx class C cmt + 100 sx thixotropic cmt. Could not Pump in Perf @ 585'. PROPOSED: DRILL OUT
Yes	Cement Plug	1,189.0	1,362.0	Tag	150 sx cmt Could not Pump in Perf @ 1380' 60 ft cmt on top of CR. PROPOSED: DRILL OUT
Yes	Cement Plug	1,400.0	1,947.0	Tag	74 sx cmt. PROPOSED: DRILL OUT
Yes	Cement Plug	1,950.0	2,022.0	Tag	150 sx cmt. (1950-2046') PROPOSED: DRILL OUT

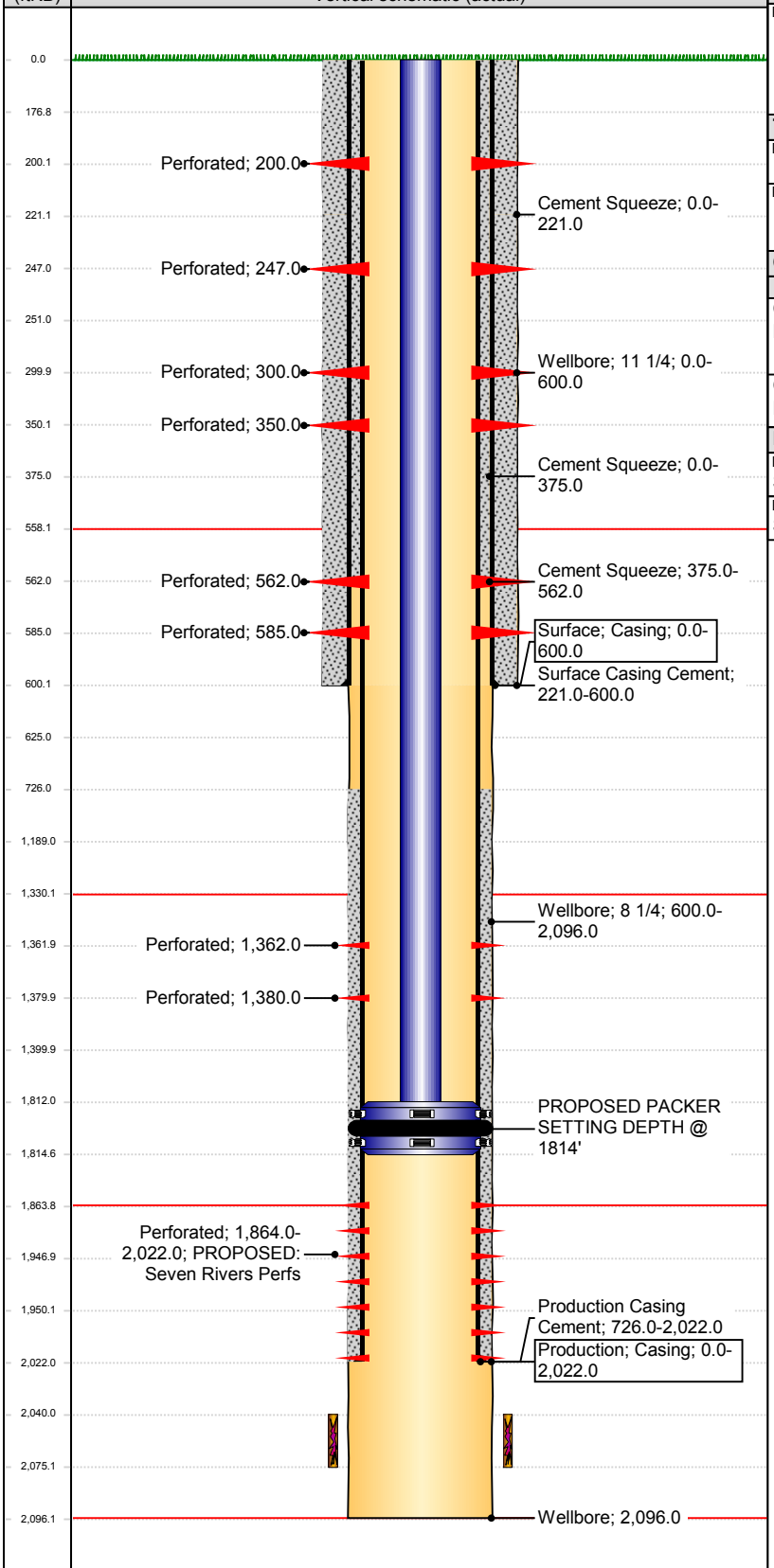
NM Regulatory Schematic

Well Name: TURNER B 19

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
300150529100	PBNM - PB-GRAYBURG	Eddy	NM	20	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,725.89	3,725.89	0.00	7/16/1945		8/26/1945			Yes

Original Hole, 2/26/2015 2:48:16 PM



Original Hole Data

Cement Stages

Prop Drill Out?	Des	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
Yes	Cement Plug	2,022.0	2,096.0	Tag	150 sx cmt OH Plug. (1950-2046') PROPOSED: DRILL OUT

Tubing Components

Prop Run?	Item Description	OD (in)	ID (in)	Wt (lb/ft)	Length (ft)
No	IPC Tubing	2 3/8	1.995	4.60	1,812.00
No	Arrowset-1X (NP) Pkr w/ On/off Tool	7			2.75

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Com
Cement Retainer	1,249.0	1,252.0	11/13/1986	60 ft cmt on top. PROPOSED: DRILL OUT
Cement Retainer	1,947.0	1,950.0	11/13/1986	PROPOSED: DRILL OUT

Formations

Formation	Final Top...	Final Btm...	Comment
Salt	558.0	1,330.0	
Seven Rivers	1,864.0	2,096.0	PROPOSED: INJECTION INTERVAL

Form 9-330

Budget Bureau No. 42-R355.1.
Approval expires 11-30-49.

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 029395 (b)
LEASE OR PERMIT TO PROSPECT Mancil E. Turner

30-015-05291

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Southern Production Company, Inc. (Danciger Oil & Refining Company) Address P. O. Box 670, Fort Worth, Texas

Lessor or Tract U.S.A. Field Premier State New Mexico

Well No. 19-B Sec. 20 T. 17S R. 31E Meridian N.M.P.M. County Eddy

Location 1980 ft. {N./S.} of S Line and 660 ft. {E./W.} of E Line of Sec. 20 Elevation 3725.89 (Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Date NOV 14 1951 Signed O. K. Kerley Title Agent

The summary on this page is for the condition of the well at above date.

Commenced drilling July 16, 1945, 19 Finished drilling August 26, 19 45

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2043 to 2046 No. 4, from ____ to ____

No. 2, from 2068 to 2073 No. 5, from ____ to ____

No. 3, from ____ to ____ No. 6, from ____ to ____

IMPORTANT WATER SANDS

No. 1, from ____ to ____ No. 3, from ____ to ____

No. 2, from ____ to ____ No. 4, from ____ to ____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From—	Perforated To—	Purpose
8-5/8"	24#	10	Pittsbg.	600'	Short	none pulled			
7"	20#	8	"	2022'	Guide	none pulled			

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	600'	50	Halliburton		
7"	2022'	100	"		

FOLD | MARK

PLUGS AND ADAPTERS

Heaving plug—Material ____ Length ____ Depth set ____

Adapters—Material ____ Size ____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
5"		Liquid Glycerine	140 qts.	9/18	2040-2075	

TOOLS USED

Rotary tools were used from ____ feet to ____ feet, and from ____ feet to ____ feet

Cable tools were used from 0 feet to 2096 feet, and from ____ feet to ____ feet

DATES

____, 19____ Put to producing September 25, 19 45

The production for the first 24 hours was 75 barrels of fluid of which 0 % was oil; 0 % emulsion; 0 % water; and 0 % sediment. Gravity, °Bé. 36

If gas well, cu. ft. per 24 hours ____ Gallons gasoline per 1,000 cu. ft. of gas ____

Rock pressure, lbs. per sq. in. ____

EMPLOYEES

Kersey & Company, Driller ____, Driller

____, Driller ____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	175		Sand
175	300		Red bed
300	320		Gyp
320	345		Anhydrite
345	350		Gyp
350	360		Anhy.
360	375		Red bed
375	470		Anhy.
470	475		Red bed
475	505		Anhy. & shale breaks
505	540		Red bed
540	545		Water sand
545	550		Anhy.
550	558		Gyp
558	1330		Salt
1330	1690		Anhy. & shale breaks
1690	1810		Anhy. & shale
1810	1970		Anhy.
1970	1995		Anhy., sandy
1995	2040		Anhy.
2040	2046		Oil sand
2046	2051		Anhy.
2051	2060		Anhy. & brown shale
2060	2073		Anhy. & brown sand
2073	2096		Anhy.
			Total Depth

16—43094-2

Side 1

INJECTION WELL DATA SHEET

OPERATOR: LINN OPERATING, INC.

WELL NAME & NUMBER: TURNER B #033 API: 30-015-05305

WELL LOCATION:	990 FNL, 330 FEL	O	17	17S	31E
	FOOTAGE LOCATION	UNIT LETTER	SECTION	TOWNSHIP	RANGE

WELLBORE SCHEMATIC

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 12.0" Casing Size: 9.625"

Cemented with: 50 sx. ***or*** _____ ft^3

Top of Cement: 470 Method Determined: Calc.

Intermediate Casing

Hole Size: _____ Casing Size: _____

Cemented with: _____ sx. ***or*** _____ ft^3

Top of Cement: _____ Method Determined: _____

Production Casing

Hole Size: 8.75" Casing Size: 7.0"

Cemented with: 100 sx. ***or*** _____ ft^3

Top of Cement: 1540' Method Determined: Calc.

Total Depth: 2039' TVD

Injection Interval

1830' (Perf) feet to 2039' (Open Hole)

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2-3/8 Lining Material: Internal Plastic Coated

Type of Packer: 7.0" x 2.75' (Arrowset-1X (NP) Pkr w/ On/Off Tool)

Packer Setting Depth: 1780'

Other Type of Tubing/Casing Seal (if applicable): _____

Additional Data

1. Is this a new well drilled for injection? _____Yes X No

   If no, for what purpose was the well originally drilled? OIL PRODUCTION

   _____

2. Name of the Injection Formation: SEVEN RIVERS

3. Name of Field or Pool (if applicable): GRAYBURG JACKSON; SR-Q-G-SA

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. NO

   _____

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: GRAYBURG; YATES; SAN ANDRES

   _____

   _____

   _____

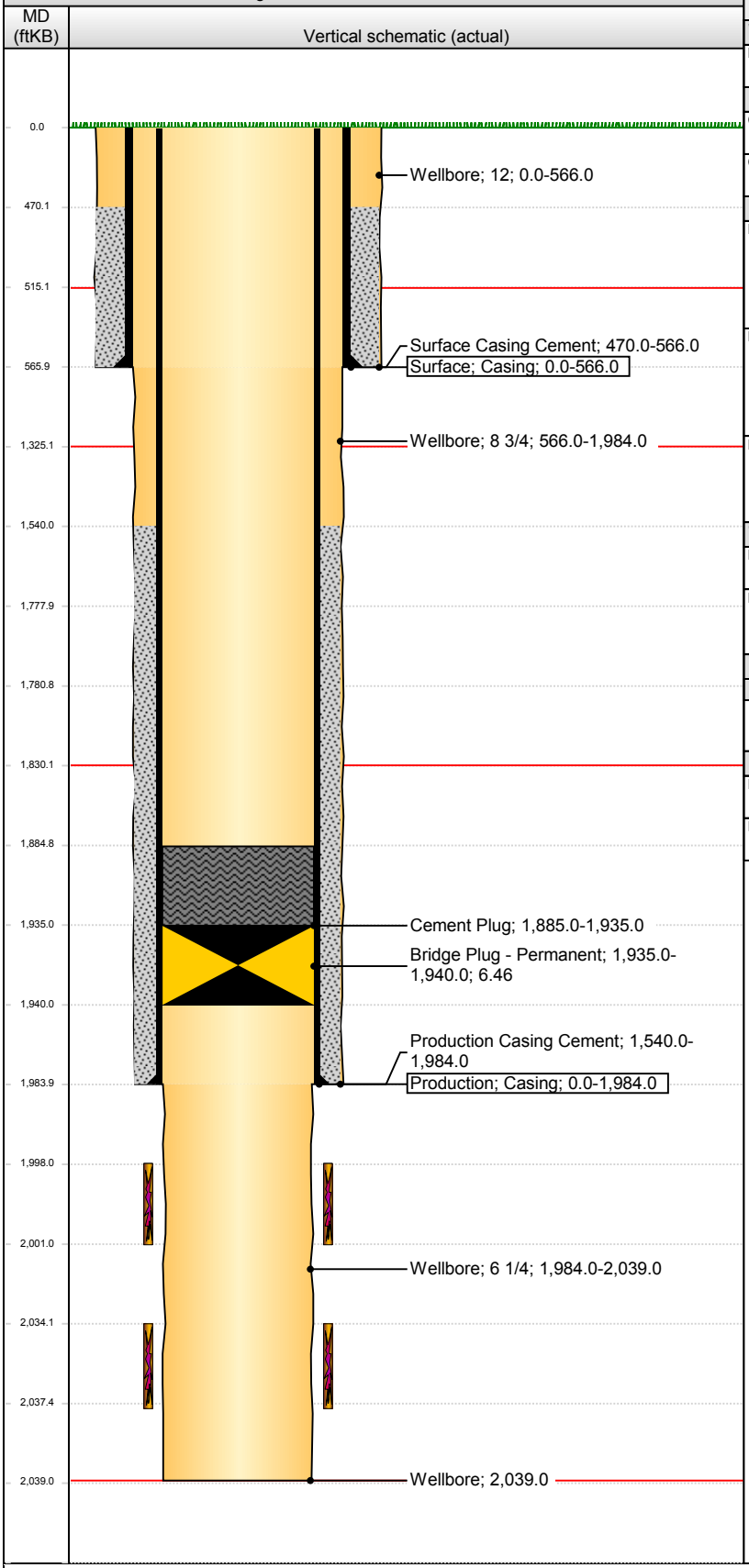
NM Regulatory Schematic

Well Name: TURNER B 33

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
3001505305	PBNM - PB-GRAYBURG	Eddy	NM	20	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,705.00	3,705.00	0.00	1/1/1900		11/20/1951	32° 49' 28.56" N	103° 53' 2.004" W	Yes

Original Hole, 2/26/2015 3:03:34 PM



Original Hole Data

Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag
990.0	FNL	330.0	FEL

Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Surface	566.0	9 5/8	9	32.30	H-40	10/8/1951
Production	1,984.0	7	6.456	20.00	H-40	11/20/1951

Cement Stages

Prop Drill Out?	Des	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
	Surface Casing Cement	470.0	566.0	Calculated	Cemented w/ 50 sx. TOC @ 470' (calc). Assumes 1.32 cu ft/sx and 50% fillup.
	Production Casing Cement	1,540.0	1,984.0	Calculated	Cemented w/ 100 sx. TOC @ 1540' (calc). Assumes 1.32 cu ft/sx and 50% fillup.
No	Cement Plug	1,885.0	1,935.0	Tagged	Capped CIBP w/ 50' cmt. PROPOSED: DRILL OUT

Tubing Components

Prop Run?	Item Description	OD (in)	ID (in)	Wt (lb/ft)	Length (ft)
Yes	Tubing	2 3/8	2.041	4.00	1,778.00
Yes	Arrowset-1X (NP) Pkr w/ On/off Tool	7			2.75

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Com
Bridge Plug - Permanent	1,935.0	1,940.0	2/5/1998	PROPOSED: DRILL OUT

Formations

Formation	Final Top...	Final Btm...	Comment
Salt	515.0	1,325.0	
Seven Rivers	1,830.0	2,039.0	PROPOSED: INJECTION INTERVAL

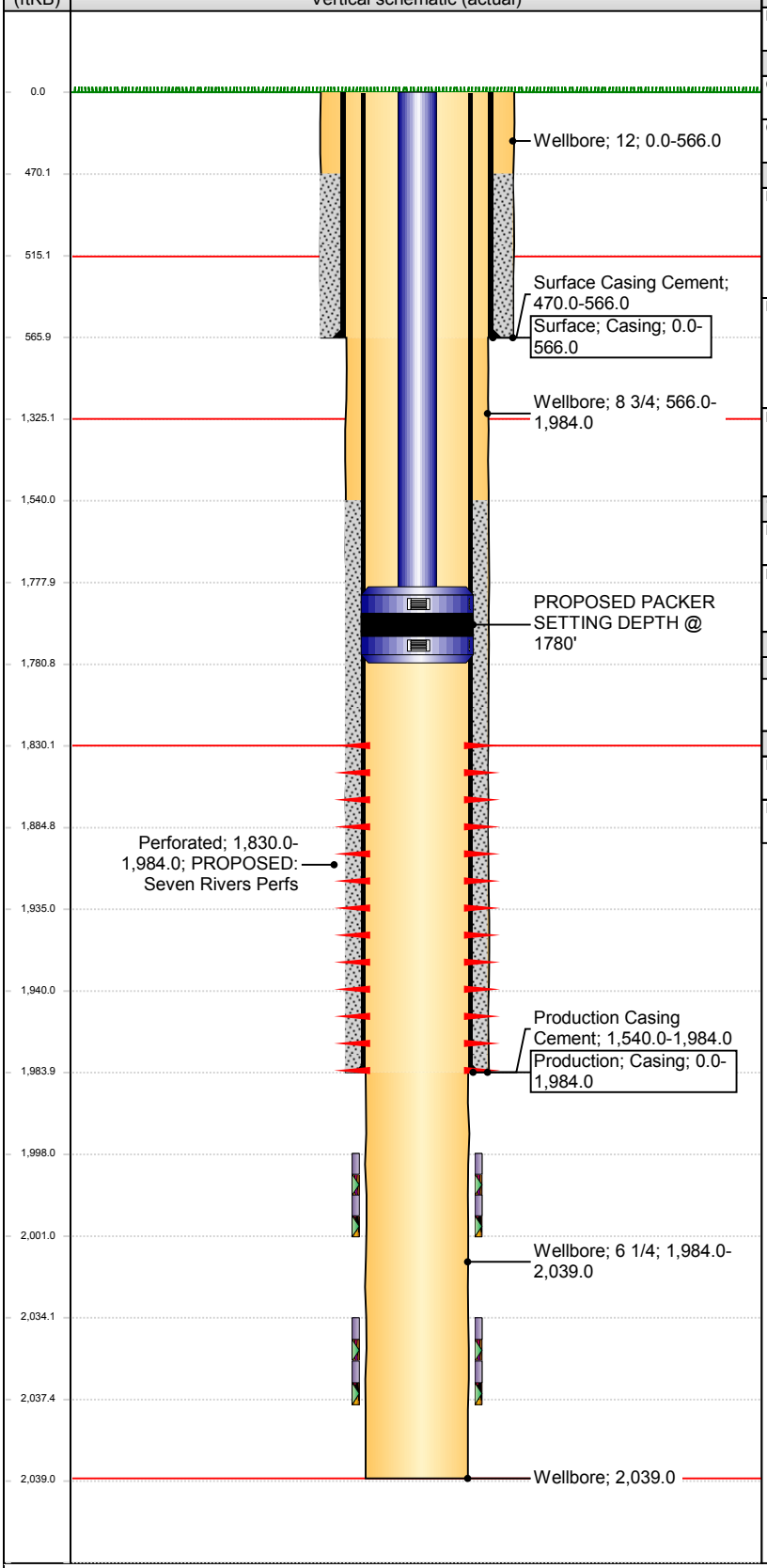
NM Regulatory Schematic

Well Name: TURNER B 33

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
3001505305	PBNM - PB-GRAYBURG	Eddy	NM	20	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,705.00	3,705.00	0.00	1/1/1900		11/20/1951	32° 49' 28.56" N	103° 53' 2.004" W	Yes

Original Hole, 2/26/2015 3:02:25 PM



Original Hole Data

Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag
990.0	FNL	330.0	FEL

Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Surface	566.0	9 5/8	9	32.30	H-40	10/8/1951
Production	1,984.0	7	6.456	20.00	H-40	11/20/1951

Cement Stages

Prop Drill Out?	Des	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
	Surface Casing Cement	470.0	566.0	Calculated	Cemented w/ 50 sx. TOC @ 470' (calc). Assumes 1.32 cu ft/sx and 50% fillup.
Prop Drill Out?	Des	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
	Production Casing Cement	1,540.0	1,984.0	Calculated	Cemented w/ 100 sx. TOC @ 1540' (calc). Assumes 1.32 cu ft/sx and 50% fillup.
Prop Drill Out?	Des	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
No	Cement Plug	1,885.0	1,935.0	Tagged	Capped CIBP w/ 50' cmt. PROPOSED: DRILL OUT

Tubing Components

Prop Run?	Item Description	OD (in)	ID (in)	Wt (lb/ft)	Length (ft)
No	Tubing	2 3/8	2.041	4.00	1,778.00
Prop Run?	Item Description	OD (in)	ID (in)	Wt (lb/ft)	Length (ft)
No	Arrowset-1X (NP) Pkr w/ On/off Tool	7			2.75

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Com
Bridge Plug - Permanent	1,935.0	1,940.0	2/5/1998	PROPOSED: DRILL OUT

Formations

Formation	Final Top...	Final Btm...	Comment
Salt	515.0	1,325.0	
Seven Rivers	1,830.0	2,039.0	PROPOSED: INJECTION INTERVAL

Budget Bureau No. 42-R355.1.
Approval expires 11-30-49.

Form 9-330

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 029395 B
LEASE OR PERMIT TO PROSPECT Turner

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Southern Production Co., Inc. Address W. T. Waggoner Bldg., Fort Worth, Texas
Lessor or Tract Turner Field Fren State N. Mex.
Well No. 33-B Sec. 20 T. 17S R. 31E Meridian NMPM County Eddy
Location 990 ft. {N./S.} of N Line and 330 ft. {E./W.} of E Line of Sec. 20 Elevation 3705' (Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed Harold Kinsey
Date Nov. 26, 1951 Title Agent

The summary on this page is for the condition of the well at above date.

Commenced drilling Oct. 5, 1951, 19 Finished drilling Nov. 20, 1951, 19

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 1998 to 2001 No. 4, from ____ to ____
No. 2, from 2034 to 2037.5 No. 5, from ____ to ____
No. 3, from ____ to ____ No. 6, from ____ to ____

IMPORTANT WATER SANDS

No. 1, from ____ to ____ No. 3, from ____ to ____
No. 2, from ____ to ____ No. 4, from ____ to ____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From—	Perforated To—	Purpose
9 5/8	32	8rd		566'	casing				
7	20	8rd		1984'	casing				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	566'	50	Plug		
7"	1984'	100	Plug		

PLUGS AND ADAPTERS

Heaving plug—Material ____ Length ____ Depth set ____
Adapters—Material ____ Size ____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
Cone Shot 1998-2001' with 15 shots - acidized with 1000 gallons. Cone Shot 2034-2037.5' with 16 shots - acidized with 500 gallons						

TOOLS USED

Rotary tools were used from ____ feet to ____ feet, and from ____ feet to ____ feet
Cable tools were used from 0 feet to 2039' feet, and from ____ feet to ____ feet

DATES

____, 19____ Put to producing Nov. 20, 1951, 19____

The production for the first 24 hours was 35 barrels of fluid of which 100 % was oil; ____ % emulsion; ____ % water; and ____ % sediment. Gravity, °Bé. 36

If gas well, cu. ft. per 24 hours ____ Gallons gasoline per 1,000 cu. ft. of gas ____

Rock pressure, lbs. per sq. in. ____

EMPLOYEES

W. E. Woolf, Driller Paris Davis, Driller
W. P. Black, Driller L. W. Gray, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	110	110	Sand
110	315	205	Red Beds
315	450	135	Anhy
450	535	85	Red Beds
535	1325	790	Salt
1325	1970	645	Anhy
1970	1980	10	Brown Lime -Show of Gas 1976-79'
1980	1998	18	Anhy
1998	2001	3	Brown Lime - Oil & Gas
2001	2034	33	Anhy
2034	2037.5	3.5	Brown Dolomite - Oil
2037.5	2039	1.5	Anhy

(OVER)

16—43094-2

Side 1

INJECTION WELL DATA SHEET

OPERATOR: LINN OPERATING, INC.

WELL NAME & NUMBER: TURNER B #034 API: 30-015-05306

WELL LOCATION:	2310 FNL, 330 FEL	H	20	17S	31E
	FOOTAGE LOCATION	UNIT LETTER	SECTION	TOWNSHIP	RANGE

WELLBORE SCHEMATIC

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 12.0" Casing Size: 8.625"

Cemented with: 50 sx. ***or*** _____ ft^3

Top of Cement: 430 Method Determined: Calc.

Intermediate Casing

Hole Size: _____ Casing Size: _____

Cemented with: _____ sx. ***or*** _____ ft^3

Top of Cement: _____ Method Determined: _____

Production Casing

Hole Size: 8.75" Casing Size: 7.0"

Cemented with: 106 sx. ***or*** _____ ft^3

Top of Cement: 1070' Method Determined: Calc.

Total Depth: 2057' TVD

Injection Interval

1834' (Perf) feet to 2046' (Perf)

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2-3/8 Lining Material: Internal Plastic Coated

Type of Packer: 2.375" x 2.75' (Arrowset-1X (NP) Pkr w/ On/Off Tool)

Packer Setting Depth: 1784'

Other Type of Tubing/Casing Seal (if applicable): _____

Additional Data

1. Is this a new well drilled for injection? _____Yes X No

   If no, for what purpose was the well originally drilled? OIL PRODUCTION

   _____

2. Name of the Injection Formation: SEVEN RIVERS

3. Name of Field or Pool (if applicable): GRAYBURG JACKSON; SR-Q-G-SA

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. NO

   _____

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: GRAYBURG, YATES, SAN ANDRES

   _____

   _____

   _____

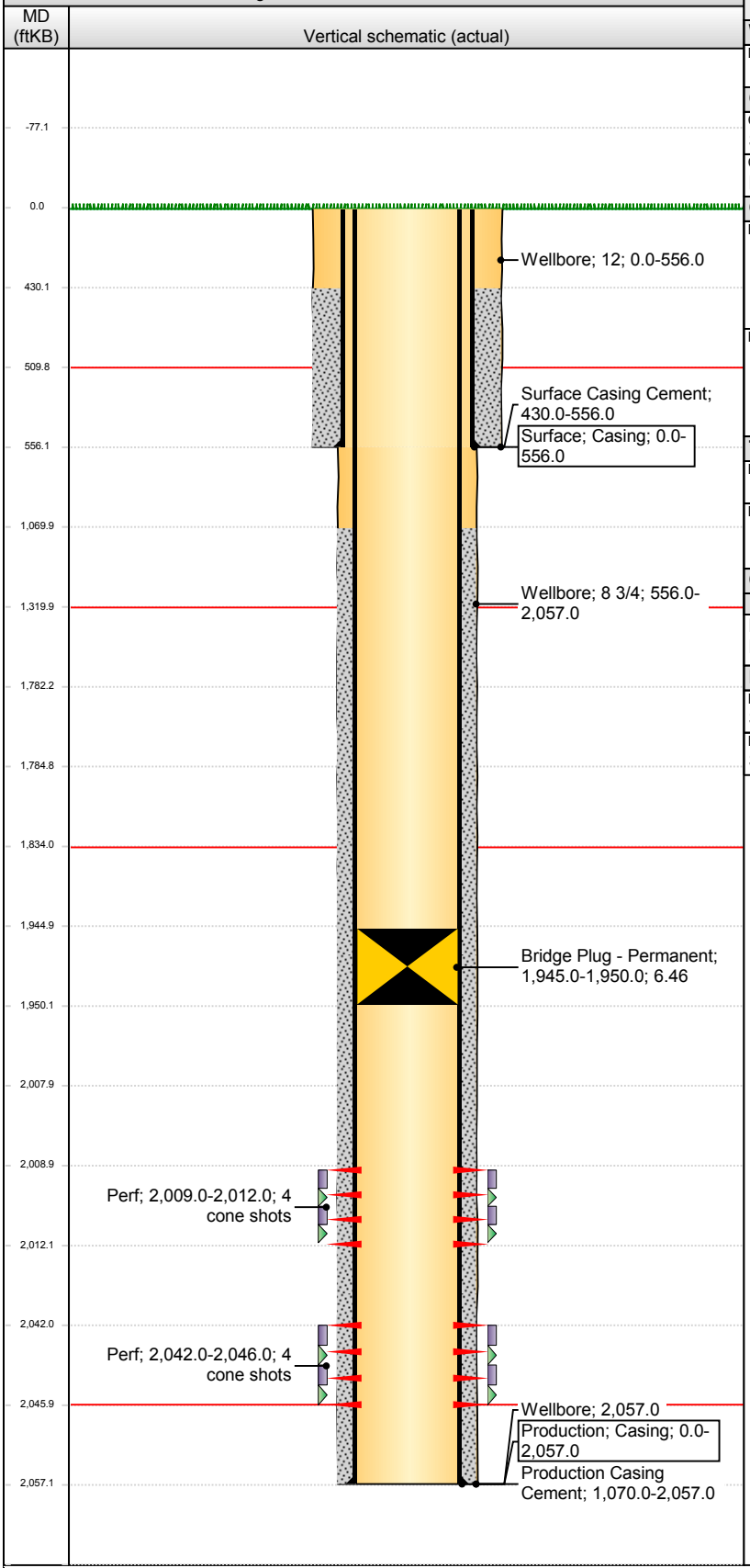
NM Regulatory Schematic

Well Name: TURNER B 34

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
3001505306	PBNM - PB-GRAYBURG	Eddy	NM	20	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,717.00	3,717.00	0.00	11/18/1951		12/24/1951	32° 49' 15.492" N	103° 53' 1.896" W	Yes

Original Hole, 2/24/2015 3:46:48 PM



Original Hole Data

Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag
2,310.0	FNL	330.0	FEL

Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Surface	556.0	8 5/8	8.017	28.00	H-40	11/19/1951
Production	2,057.0	7	6.456	20.00	H-40	12/5/1951

Cement Stages

Prop Drill Out?	Des	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
	Surface Casing Cement	430.0	556.0	Calculated	Cemented w/ 50 sx. TOC @ 430' (calc). Assumes 1.32 cu ft/sx and 50% fillup.
	Production Casing Cement	1,070.0	2,057.0	Calculated	Cemented w/ 106 sx. TOC @ 1070' (calc). Assumes 1.32 cu ft/sx and 50% fillup.

Tubing Components

Prop Run?	Item Description	OD (in)	ID (in)	Wt (lb/ft)	Length (ft)
Yes	IPC Tubing	2 3/8	2.041	4.00	1,859.00
Yes	Arrowset-1X (NP) Pkr w/ On/off Tool	2 3/8			2.75

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Com
Bridge Plug - Permanent	1,945.0	1,950.0	5/12/1993	PROPOSED: DRILL OUT

Formations

Formation	Final Top...	Final Btm...	Comment
Salt	510.0	1,320.0	
Seven Rivers	1,834.0	2,046.0	PROPOSED: INJECTION INTERVAL

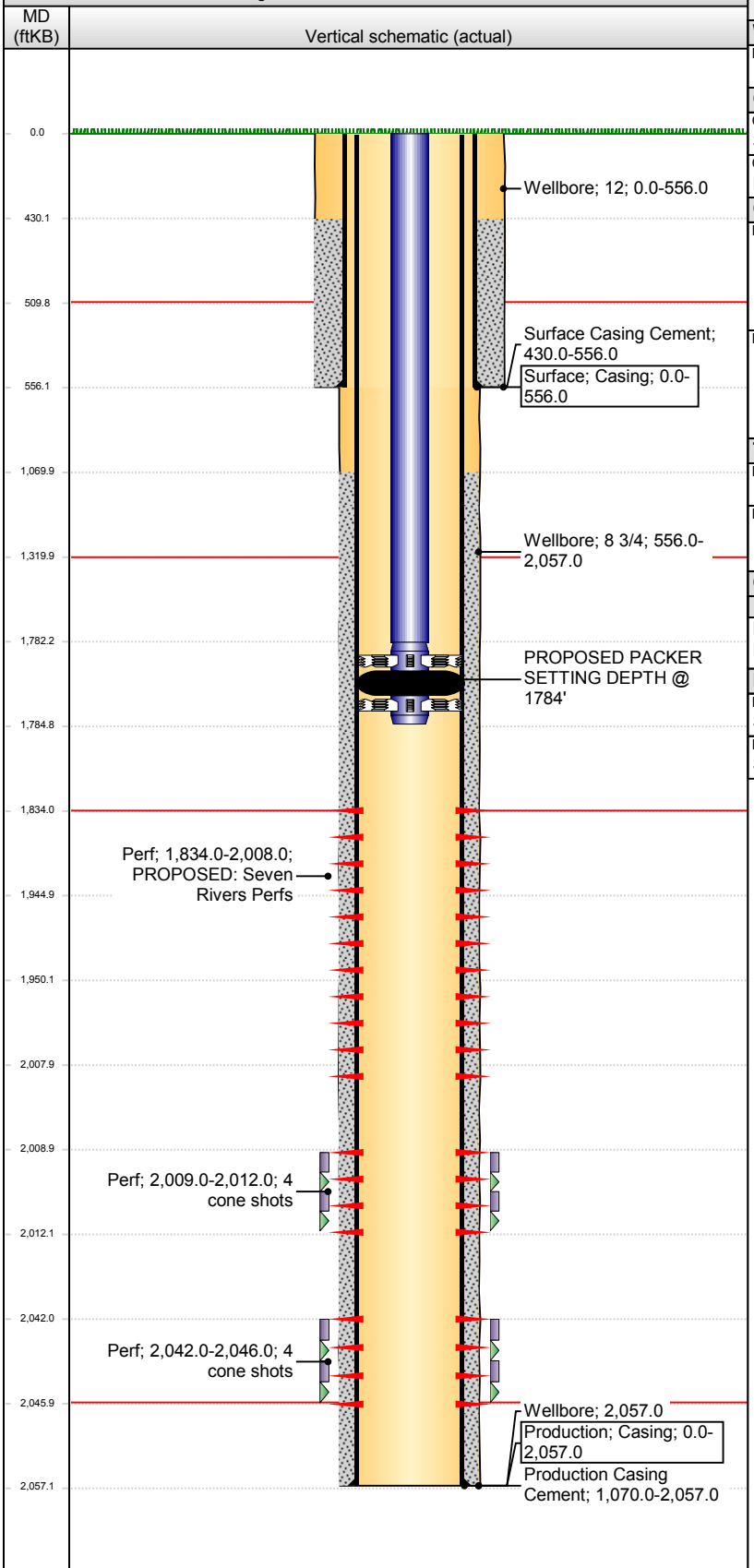
NM Regulatory Schematic

Well Name: TURNER B 34

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
3001505306	PBNM - PB-GRAYBURG	Eddy	NM	20	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,717.00	3,717.00	0.00	11/18/1951		12/24/1951	32° 49' 15.492" N	103° 53' 1.896" W	Yes

Original Hole, 2/24/2015 3:48:37 PM



Original Hole Data

Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag
2,310.0	FNL	330.0	FEL

Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Surface	556.0	8 5/8	8.017	28.00	H-40	11/19/1951
Production	2,057.0	7	6.456	20.00	H-40	12/5/1951

Cement Stages

Prop Drill Out?	Des	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
	Surface Casing Cement	430.0	556.0	Calculated	Cemented w/ 50 sx. TOC @ 430' (calc). Assumes 1.32 cu ft/sx and 50% fillup.
	Production Casing Cement	1,070.0	2,057.0	Calculated	Cemented w/ 106 sx. TOC @ 1070' (calc). Assumes 1.32 cu ft/sx and 50% fillup.

Tubing Components

Prop Run?	Item Description	OD (in)	ID (in)	Wt (lb/ft)	Length (ft)
No	IPC Tubing	2 3/8	2.041	4.00	1,782.00
No	Arrowset-1X (NP) Pkr w/ On/off Tool	2 3/8			2.75

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Com
Bridge Plug - Permanent	1,945.0	1,950.0	5/12/1993	PROPOSED: DRILL OUT

Formations

Formation	Final Top...	Final Btm...	Comment
Salt	510.0	1,320.0	
Seven Rivers	1,834.0	2,046.0	PROPOSED: INJECTION INTERVAL

Form 9-330

Budget Bureau No. 42-R355.1.
Approval expires 11-30-49.

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 029395-B
LEASE OR PERMIT TO PROSPECT Turner

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Southern Production Co., Inc. Address M. T. Waggoner Bldg., Fort Worth, Texas
Lessor or Tract Turner Field Fren State N. Mex.
Well No. 34-B Sec. 20 T. 17 R. 31 Meridian NMPM County Eddy
Location 2310 ft. {N./S.} of N Line and 330 ft. {E./W.} of W Line of Sec. 20 Elevation 3717 (Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed Harold Kinsey
Date Dec. 31, 1951 Title Agent

The summary on this page is for the condition of the well at above date.

Commenced drilling Nov. 18, 1951, 19.... Finished drilling Dec. 24, 1951, 19....

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2009 to 2012 No. 4, from ..... to .....
No. 2, from 2042 to 2046 No. 5, from ..... to .....
No. 3, from ..... to ..... No. 6, from ..... to .....

IMPORTANT WATER SANDS

No. 1, from ..... to ..... No. 3, from ..... to .....
No. 2, from ..... to ..... No. 4, from ..... to .....

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From—	Perforated To—	Purpose
8 5/8"	28#	8 rd	Atl	556'	Common				
7"	20#	8 rd	Pitts	2057'	Common				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	556'	50	Plug		
7"	2057'	106	Plug		

FOLD | MARK

PLUGS AND ADAPTERS

Heaving plug—Material ..... Length ..... Depth set .....
Adapters—Material ..... Size .....

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
Used 4 cone shots and 5 bullets/foot from 2009-2012', used 250 gallons mud acid and 500 gallons regular acid this pay. Used 4 cone shots and 5 bullets/foot from 2042-2046', used 250 gallons mud acid and 500 gallons regular acid on this pay.						

TOOLS USED

Rotary tools were used from ..... feet to ..... feet, and from ..... feet to ..... feet
Cable tools were used from 0 feet to 2057' feet, and from ..... feet to ..... feet

DATES

....., 19.... Put to producing Dec. 24, 1951, 19....

The production for the first 24 hours was 8 barrels of fluid of which 100 % was oil; ..... % emulsion; ..... % water; and ..... % sediment. Gravity, °Bé. 36

If gas well, cu. ft. per 24 hours ..... Gallons gasoline per 1,000 cu. ft. of gas .....

Rock pressure, lbs. per sq. in. .....

EMPLOYEES

B. R. Vandagriff, Driller ..... J. Skue, Driller
R.C. Emmons, Driller M. L. Doughty, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	195	195	Sand
195	518	323	Red Beds and Anhy
518	1323	805	Salt
1323	2009	686	Anhy
2009	2012	3	Dolomite - OIL - 2 bbls/day natural
2012	2042	30	Anhy
2042	2046	4	Dolomite - Oil - 2 bbls/day natural
2046	2057	11	Anhy

(OVER)

16—43094-2

Side 1

INJECTION WELL DATA SHEET

OPERATOR: LINN OPERATING, INC.

WELL NAME & NUMBER: TURNER B #039 API: 30-015-05309

WELL LOCATION:	2310 FNL, 1650 FEL	G	20	17S	31E
	FOOTAGE LOCATION	UNIT LETTER	SECTION	TOWNSHIP	RANGE

WELLBORE SCHEMATIC

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 12.0" Casing Size: 8.625"

Cemented with: 50 sx. ***or*** _____ ft^3

Top of Cement: 375' Method Determined: Calc.

Production Casing

Hole Size: 8.75" Casing Size: 7.0"

Cemented with: 100 sx. ***or*** _____ ft^3

Top of Cement: 1155' Method Determined: Calc.

Liner

Hole Size: 6.0" Casing Size: 5.5"

Cemented with: _____ sx. ***or*** _____ ft^3

Top of Cement: _____ Method Determined: _____

Total Depth: 2010'

Injection Interval

1796' (Perf) feet to 2010' (Perf)

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2-3/8 Lining Material: Internal Plastic Coated

Type of Packer: 7.0" x 3.0' (Arrowset-1X (NP) Pkr w/ On/Off Tool)

Packer Setting Depth: 1746'

Other Type of Tubing/Casing Seal (if applicable): _____

Additional Data

1. Is this a new well drilled for injection? _____Yes X No

   If no, for what purpose was the well originally drilled? OIL PRODUCTION

   _____

2. Name of the Injection Formation: SEVEN RIVERS

3. Name of Field or Pool (if applicable): GRAYBURG JACKSON; SR-Q-G-SA

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. NO

   _____

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: GRAYBURG, YATES, SAN ANDRES

   _____

   _____

   _____

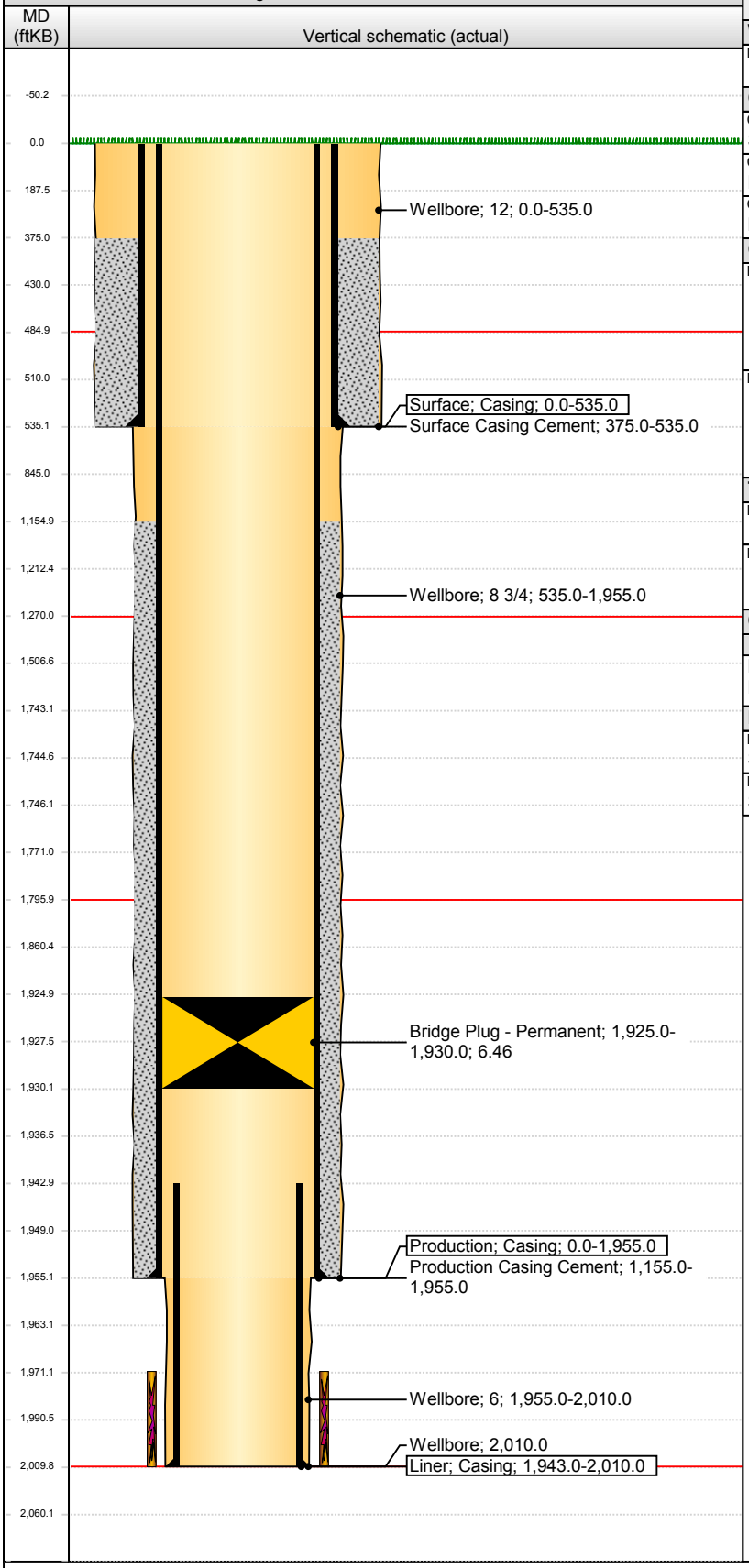
NM Regulatory Schematic

Well Name: TURNER B 39

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
3001505309	PBNM - PB-GRAYBURG	Eddy	NM	20	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,691.00	3,691.00	0.00	11/3/1952		12/7/1952	32° 49' 15.456" N	103° 53' 17.376" W	Yes

Original Hole, 2/26/2015 2:42:41 PM



Original Hole Data

Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag
2,310.0	FNL	1,650.0	FEL

Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Surface	535.0	8 5/8	8.017	28.00	H-40	11/10/1952
Production	1,955.0	7	6.456	20.00	H-40	12/6/1952
Liner	2,010.0	5 1/2	5.012	14.00	H-40	12/7/1952

Cement Stages

Prop Drill Out?	Des	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
	Production Casing Cement	1,155.0	1,955.0	Calculated	Cemented w/ 100 sx. TOC @ 1155' (calc). Assumes 1.32 cu ft/sx and 50% fillup.
	Surface Casing Cement	375.0	535.0	Calculated	Cemented w/ 50 sx. TOC @ 375' (calc). Assumes 1.32 cu ft/sx and 50% fillup.

Tubing Components

Prop Run?	Item Description	OD (in)	ID (in)	Wt (lb/ft)	Length (ft)
Yes	IPC Tubing	2 3/8	1.995	4.70	1,743.00
Yes	Arrowset-1X (NP) Pkr w/ On/off Tool	7			3.00

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Com
Bridge Plug - Permanent	1,925.0	1,930.0	6/14/1994	PROPOSED: DRILL OUT

Formations

Formation	Final Top...	Final Btm...	Comment
Salt	485.0	1,270.0	
Seven Rivers	1,796.0	2,010.0	PROPOSED: INJECTION INTERVAL

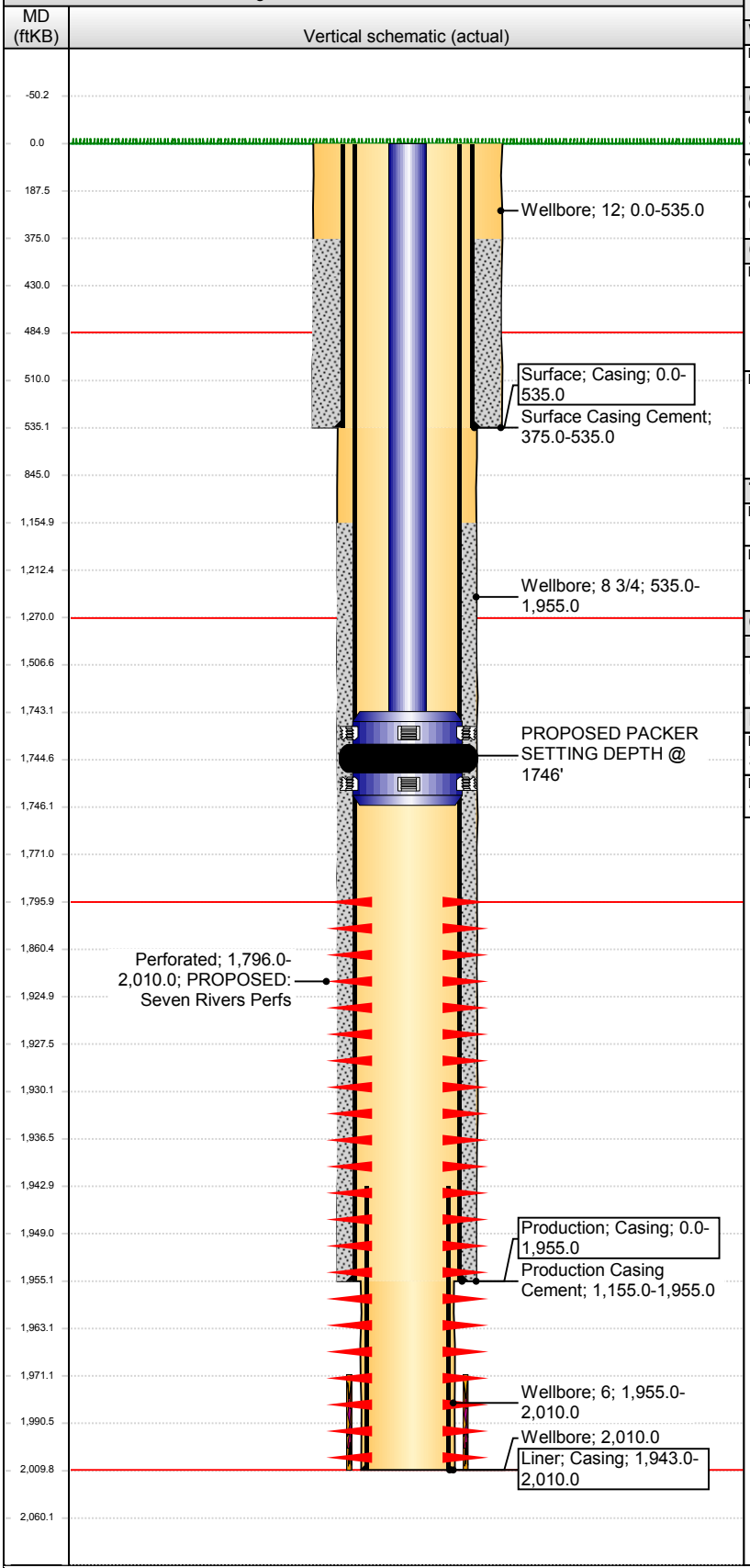
NM Regulatory Schematic

Well Name: TURNER B 39

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
3001505309	PBNM - PB-GRAYBURG	Eddy	NM	20	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,691.00	3,691.00	0.00	11/3/1952		12/7/1952	32° 49' 15.456" N	103° 53' 17.376" W	Yes

Original Hole, 2/26/2015 2:41:41 PM



Original Hole Data

Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag
2,310.0	FNL	1,650.0	FEL

Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Surface	535.0	8 5/8	8.017	28.00	H-40	11/10/1952
Production	1,955.0	7	6.456	20.00	H-40	12/6/1952
Liner	2,010.0	5 1/2	5.012	14.00	H-40	12/7/1952

Cement Stages

Prop Drill Out?	Des	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
	Production Casing Cement	1,155.0	1,955.0	Calculated	Cemented w/ 100 sx. TOC @ 1155' (calc). Assumes 1.32 cu ft/sx and 50% fillup.
	Surface Casing Cement	375.0	535.0	Calculated	Cemented w/ 50 sx. TOC @ 375' (calc). Assumes 1.32 cu ft/sx and 50% fillup.

Tubing Components

Prop Run?	Item Description	OD (in)	ID (in)	Wt (lb/ft)	Length (ft)
No	IPC Tubing	2 3/8	1.995	4.70	1,743.00
No	Arrowset-1X (NP) Pkr w/ On/off Tool	7			3.00

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Com
Bridge Plug - Permanent	1,925.0	1,930.0	6/14/1994	PROPOSED: DRILL OUT

Formations

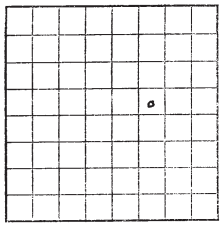
Formation	Final Top...	Final Btm...	Comment
Salt	485.0	1,270.0	
Seven Rivers	1,796.0	2,010.0	PROPOSED: INJECTION INTERVAL

Budget Bureau No. 42-R355.2.
Approval expires 12-31-52.

Form 9-330

COPY TO O.C.C.

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 029396 B
LEASE OR PERMIT TO PROSPECT Turner



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Southern Production Co., Inc. Address Fort Worth, Texas
Lessor or Tract Turner Field Fren State N. Mex.
Well No. 39-B Sec. 20 T. 17- R. 32E Meridian N.M.P.M. County Eddy
Location 2310 ft. {N./S.} of S Line and 1650 ft. {E./W.} of E Line of Sec. 20 Elevation 3691 (Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed Harold Kersey
Title Agent.

Date Dec. 20, 1952

The summary on this page is for the condition of the well at above date.

Commenced drilling 11/3/52, 19.. Finished drilling 12/7/52, 19..

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1971 to 1975' No. 4, from ..... to .....
No. 2, from 2002 to 2010' No. 5, from ..... to .....
No. 3, from ..... to ..... No. 6, from ..... to .....

IMPORTANT WATER SANDS

No. 1, from none to ..... No. 3, from ..... to .....
No. 2, from ..... to ..... No. 4, from ..... to .....

CASING RECORD

	Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From—	Perforated To—	Purpose
8	5/8"	28#	8 rd	used	535'	common				
	7"	20#	8 rd	"	1955'	"				
	5½"	14#	8 rd	"	67'	"	liner set on bottom of hole and perforated in pay zones			

MUDDING AND CEMENTING RECORD

	Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8	5/8"	535'	50	Plug		
	7"	1955'	100	"		

PLUGS AND ADAPTERS

Heaving plug—Material ..... Length ..... Depth set .....
Adapters—Material ..... Size .....

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
well shot with 140 quarts of liquid nitro-glycerine from 1971 to 2010'.						

TOOLS USED

Rotary tools were used from ..... feet to ..... feet, and from ..... feet to ..... feet
Cable tools were used from 0 feet to 2010' feet, and from ..... feet to ..... feet

DATES

..... , 19.. Put to producing 12/10/52, 19..

The production for the first 24 hours was 40 barrels of fluid of which 100 % was oil; ..... % emulsion; ..... % water; and ..... % sediment. Gravity, °Bé. 36

If gas well, cu. ft. per 24 hours ..... Gallons gasoline per 1,000 cu. ft. of gas .....

Rock pressure, lbs. per sq. in. .....

EMPLOYEES

G. J. Pruett, Driller Harlan Johnson, Driller
G. W. Baker, Driller ....., Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	10	10	Sand
10	245	235	Red Bed
245	485	240	Anhy
485	1270	785	Salt
1270	1971	701	Anhy
1971	1975	4	Brown Dolomite - OIL PAY
1975	2002	27	Anhy
2002	2007	5	Brown Dolomite - OIL PAY
2007	2010	3	Anhy
			2010 TD.

FOLD | MARK

COVER

16—43004-2

Side 1

INJECTION WELL DATA SHEET

OPERATOR: LINN OPERATING, INC.

WELL NAME & NUMBER: SKELLY #014 API: 30-015-05322

WELL LOCATION: 3300 FNL, 4620 FEL | L | 21 | 17S | 31E

FOOTAGE LOCATION | UNIT LETTER | SECTION | TOWNSHIP | RANGE

WELLBORE SCHEMATIC

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 11.25" Casing Size: 10.75"

Cemented with: 100 sx. ***or*** _____ ft^3

Top of Cement: Surface Method Determined: Calc.

Intermediate Casing

Hole Size: _____ Casing Size: _____

Cemented with: _____ sx. ***or*** _____ ft^3

Top of Cement: _____ Method Determined: _____

Production Casing

Hole Size: 9.25" Casing Size: 8.625"

Cemented with: 150 sx. ***or*** _____ ft^3

Top of Cement: 465' Method Determined: Calc.

Total Depth: 2139' TVD

Injection Interval

1907' (Perf) feet to 2139' (OH)

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2-3/8 Lining Material: Internal Plastic Coated

Type of Packer: 2.375" x 2.75' (Arrowset-1X (NP) Pkr w/ On/Off Tool)

Packer Setting Depth: 1857'

Other Type of Tubing/Casing Seal (if applicable): _____

Additional Data

1. Is this a new well drilled for injection? _____Yes X No

   If no, for what purpose was the well originally drilled? OIL PRODUCTION

   _____

2. Name of the Injection Formation: SEVEN RIVERS

3. Name of Field or Pool (if applicable): GRAYBURG JACKSON;SR-Q-G-SA

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. NO

   _____

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: GRAYBURG, YATES, SAN ANDRES

   _____

   _____

   _____

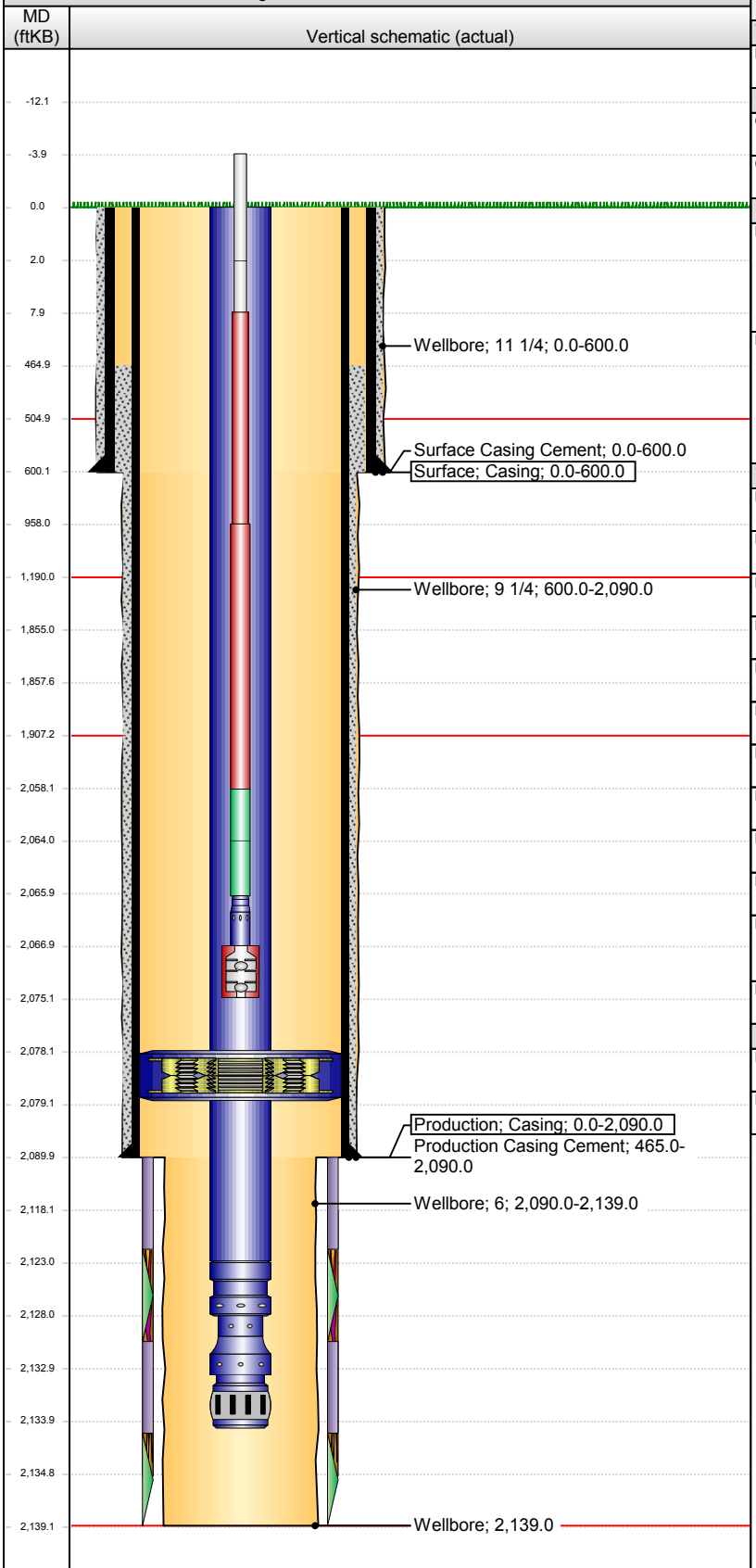
NM Regulatory Schematic

Well Name: SKELLY UNIT 014

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
3001505322	PBNM - PB-SKELLY	Eddy	NM	21	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,776.00	3,776.00	0.00	11/24/1945		12/15/1945	32° 49' 6.024" N	103° 52' 50.232" W	Yes

Original Hole, 2/26/2015 3:06:24 PM



Original Hole Data

Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag
3,300.0	FNL	4,620.0	FEL

Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Surface	600.0	10 3/4	9.95	45.50	J-55	11/30/1945
Production	2,090.0	8 5/8	8.017	28.00	H-40	12/12/1945

Cement Stages

Prop Drill Out?	Des	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
No	Surface Casing Cement	0.0	600.0	Calculated	Cemented w/ 100 sxs to surface (calc). Assumes 1.32 cu ft/sx and 50% fillup
No	Production Casing Cement	465.0	2,090.0	Calculated	Cemented w/ 150 sxs. TOC @ 465' (calc). Assumes 1.32 cu ft/sx and 50% fillup

Tubing Components

Prop Run?	Item Description	OD (in)	ID (in)	Wt (lb/ft)	Length (ft)
No	Tubing	2 3/8	1.995	4.70	2,135.00
No	Seating Nipple	2			1.00
No	Perforated Nipple	2 3/8			3.00
No	Slotted Mud Ancor	2 3/8			31.00
No	Tubing	2 3/8	1.995	4.60	2,090.00
No	Anchor/catcher	8			1.00
No	Tubing	2 3/8	1.995	4.60	44.00
No	Seating Nipple	2 3/8			5.00
No	Cross Over	2 3/8			5.00
No	Gas anchor	2 3/8			1.00
Yes	PROPOSED INJECTION TUBING	2 3/8	1.995	4.70	1,855.00
Yes	PROPOSED PACKER	2 3/8			2.75

Formations

Formation	Final Top...	Final Btm...	Comment
Salt	505.0	1,190.0	
Seven Rivers	1,907.0	2,139.0	PROPOSED: INJECTION INTERVAL

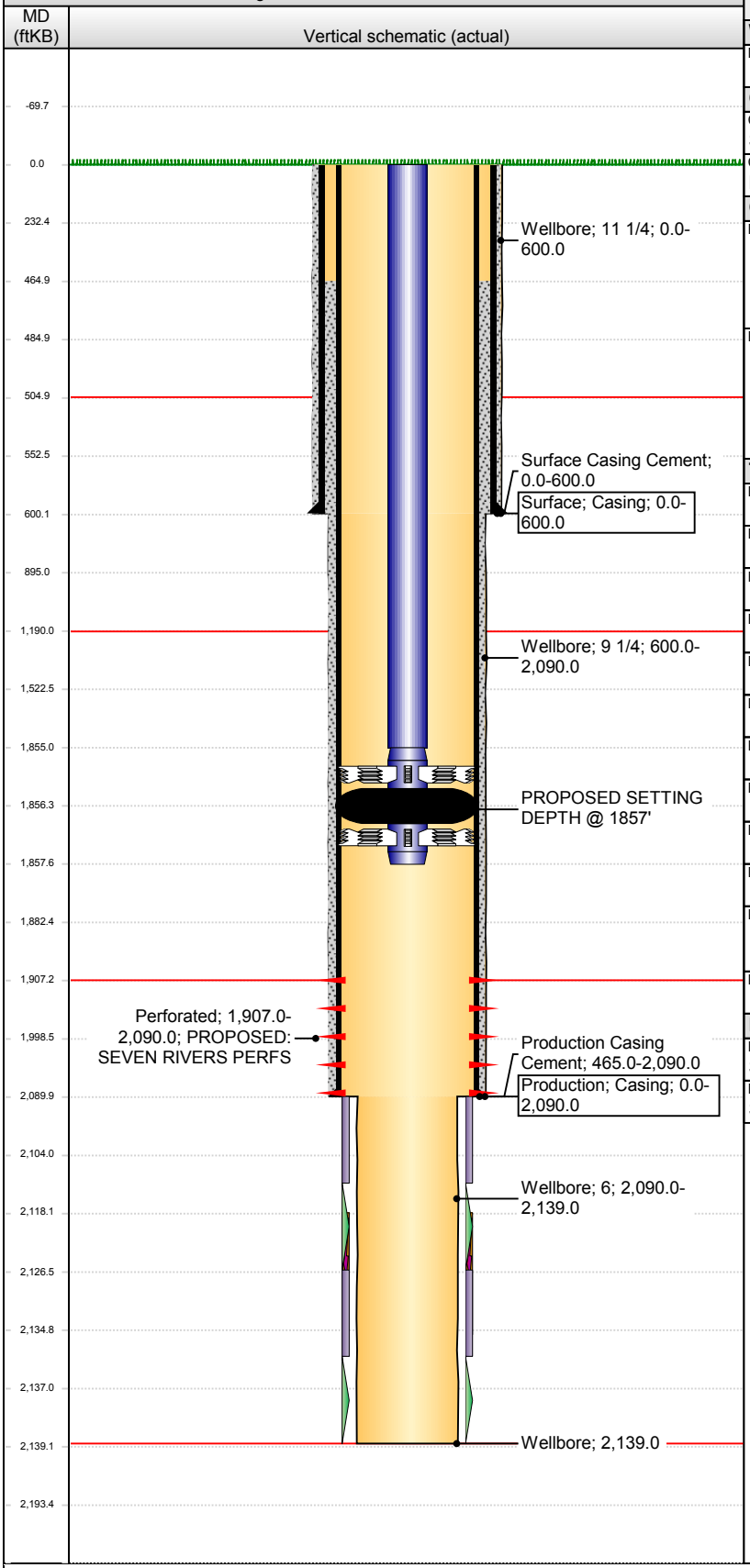
NM Regulatory Schematic

Well Name: SKELLY UNIT 014

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
3001505322	PBNM - PB-SKELLY	Eddy	NM	21	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,776.00	3,776.00	0.00	11/24/1945		12/15/1945	32° 49' 6.024" N	103° 52' 50.232" W	Yes

Original Hole, 2/26/2015 3:05:19 PM



Original Hole Data

Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag
3,300.0	FNL	4,620.0	FEL

Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Surface	600.0	10 3/4	9.95	45.50	J-55	11/30/1945
Production	2,090.0	8 5/8	8.017	28.00	H-40	12/12/1945

Cement Stages

Prop Drill Out?	Des	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
No	Surface Casing Cement	0.0	600.0	Calculated	Cemented w/ 100 sxs to surface (calc). Assumes 1.32 cu ft/sx and 50% fillup
No	Production Casing Cement	465.0	2,090.0	Calculated	Cemented w/ 150 sxs. TOC @ 465' (calc). Assumes 1.32 cu ft/sx and 50% fillup

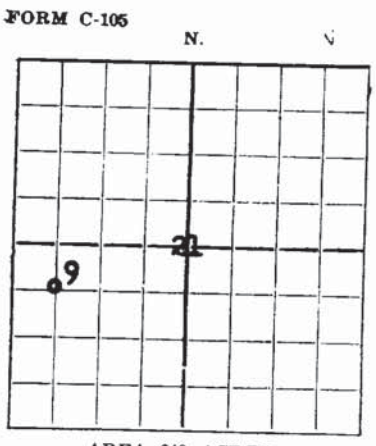
Tubing Components

Prop Run?	Item Description	OD (in)	ID (in)	Wt (lb/ft)	Length (ft)
No	Tubing	2 3/8	1.995	4.70	2,135.00
No	Seating Nipple	2			1.00
No	Perforated Nipple	2 3/8			3.00
No	Slotted Mud Ancor	2 3/8			31.00
No	Tubing	2 3/8	1.995	4.60	2,090.00
No	Anchor/catcher	8			1.00
No	Tubing	2 3/8	1.995	4.60	44.00
No	Seating Nipple	2 3/8			5.00
No	Cross Over	2 3/8			5.00
No	Gas anchor	2 3/8			1.00
No	PROPOSED INJECTION TUBING	2 3/8	1.995	4.70	1,855.00
No	PROPOSED PACKER	2 3/8			2.75

Formations

Formation	Final Top...	Final Btm...	Comment
Salt	505.0	1,190.0	
Seven Rivers	1,907.0	2,139.0	PROPOSED: INJECTION INTERVAL

FORM C-105



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

30-015-05322

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE.

Skelly Oil Company (Company or Operator) Dow "B" (Lease)

Well No. 9 in NW/4 SW/4 of Sec. 21, T. 17S R. 31E, N. M. P. M., Grayburg-Jackson Field, Eddy County.

Well is 3300 feet south of the North line and 4620 feet west of the East line of Section 21

If State land the oil and gas lease is No. _____ Assignement No. _____

If patented land the owner is _____, Address _____

If Government land the permittee is H. M. Dow, Address _____

The Lessee is Skelly Oil Co., Address Tulsa, Oklahoma

Drilling commenced November 24 1945. Drilling was completed December 15 1945

Name of drilling contractor J. C. Clower, Address Eunice, N.M.

Elevation above sea level at top of ~~casing~~ D.F. 3776 feet.

The information given is to be kept confidential until Not Confidential 19____.

OIL SANDS OR ZONES

No. 1, from 2065 to 2070 (G) No. 4, from _____ to _____

No. 2, from 2090 to 2103 No. 5, from _____ to _____

No. 3, from 2119 to 2134 No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____ feet. _____

No. 2, from _____ to _____ feet. _____

No. 3, from _____ to _____ feet. _____

No. 4, from _____ to _____ feet. _____

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED FROM	PERFORATED TO	PURPOSE
10-3/4"	45#	8V	LW	592	Tex. Pat.				
8-5/8"	28#	8R	SS	2084	Tex. Pat.				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
11-1/4"	10-3/4"	600'	100	Halliburton -	preceded by mud	cir. to surface.
9-1/4"	8-5/8"	2090'	150	Halliburton -	preceded by mud	cir. to surface.

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth Set _____

Adapters—Material _____ Size _____

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
	6"	SNG	100	12/22/45	2116-2135'	Total Depth.

Results of shooting or chemical treatment _____

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

Cable tools were used from Surface feet to 2139 feet, and from _____ feet to _____ feet.

PRODUCTION

Put to producing December 27, 19 45

The production of the first 24 hours was 42 barrels of fluid of which 100 % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, Be _____

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

T. P. Rogers, Driller _____, Driller

A. F. Smith, Driller _____, Driller

FORMATION RECORD ON OTHER SIDE

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Subscribed and sworn to before me this 16th day of October, 1951

Notary Public

My Commission expires Aug. 15, 1952

Hobbs, New Mexico - October 26, 1951
Place Date

Name _____

Position Dist. Supt.

Representing Skelly Oil Co.
Company or Operator.

Address Box 38 - Hobbs, N.M.

Side 1

INJECTION WELL DATA SHEET

OPERATOR: LINN OPERATING, INC.

WELL NAME & NUMBER: SKELLY #006 API: 30-015-05326

WELL LOCATION: 330 FNL, 990 FWL D 21 17S 31E

FOOTAGE LOCATION | UNIT LETTER | SECTION | TOWNSHIP | RANGE

WELLBORE SCHEMATIC

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 11.0" Casing Size: 8.625"

Cemented with: 150 sx. ***or*** _____ ft^3

Top of Cement: Surface Method Determined: Circ.

Intermediate Casing

Hole Size: _____ Casing Size: _____

Cemented with: _____ sx. ***or*** _____ ft^3

Top of Cement: _____ Method Determined: _____

Production Casing

Hole Size: 8.0" Casing Size: 7.0"

Cemented with: 155 sx. ***or*** _____ ft^3

Top of Cement: 187' Method Determined: Calc.

Total Depth: 2112' TVD

Injection Interval

1872' (Perf) feet to 2112 (Open Hole)

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2-3/8 Lining Material: Internal Plastic Coated

Type of Packer: 2.375" x 2.75' (Arrowset-1X (NP) Pkr w/ On/Off Tool)

Packer Setting Depth: 1822'

Other Type of Tubing/Casing Seal (if applicable): _____

Additional Data

1. Is this a new well drilled for injection? _____Yes X No

   If no, for what purpose was the well originally drilled? OIL PRODUCTION

   _____

2. Name of the Injection Formation: SEVEN RIVERS

3. Name of Field or Pool (if applicable): GRAYBURG JACKSON;SR-Q-G-SA

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. NO

   _____

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: GRAYBURG, YATES, SAN ANDRES

   _____

   _____

   _____

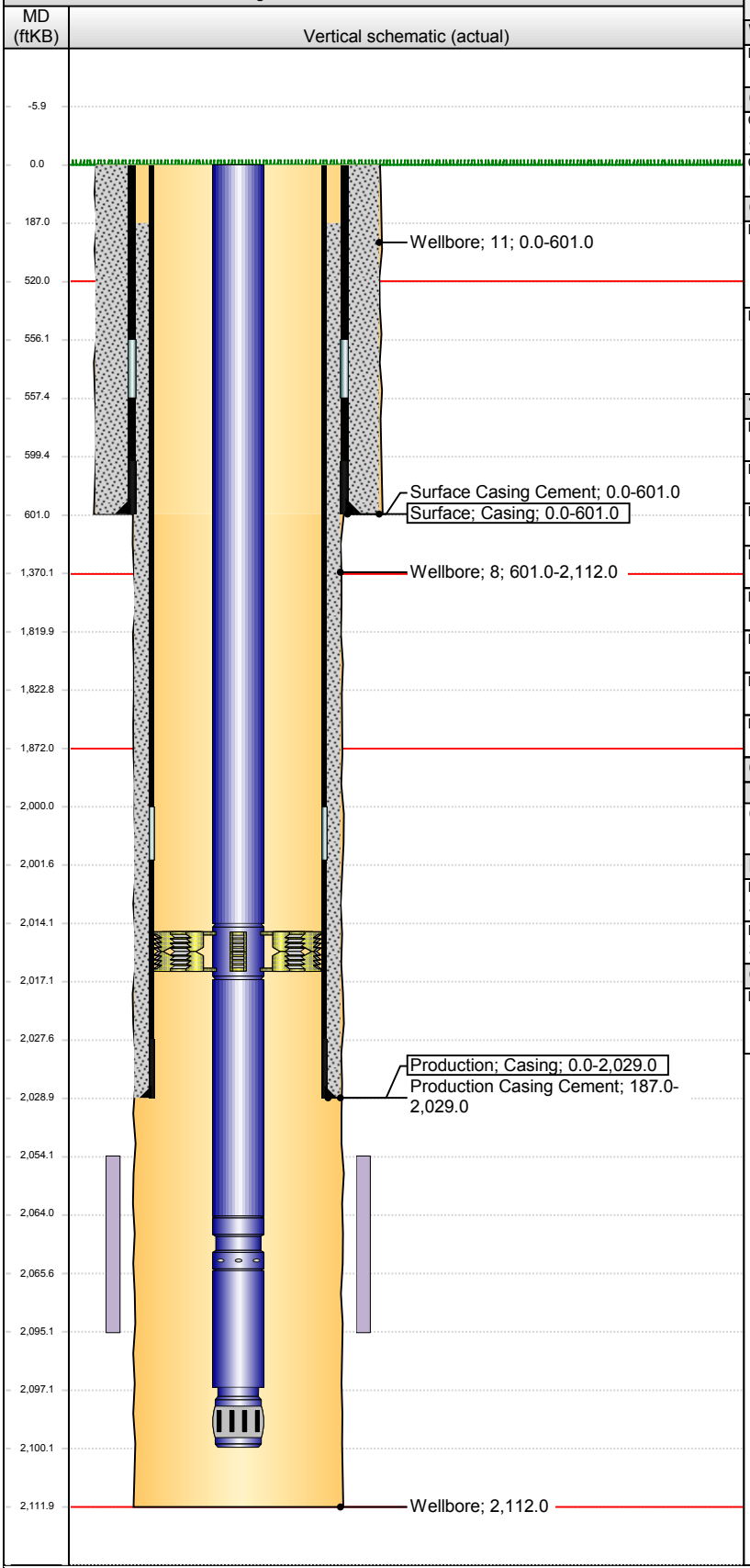
NM Regulatory Schematic

Well Name: SKELLY UNIT 006

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
3001505326	PBNM - PB-SKELLY	Eddy	NM	21	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,740.00	3,740.00	0.00	11/5/1949	12/14/1949	11/21/1949	32° 49' 35.076" N	103° 52' 46.596" W	Yes

Original Hole, 2/26/2015 3:01:52 PM



Original Hole Data

Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag
330.0	FNL	990.0	FWL

Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Surface	601.0	8 5/8	8.017	28.00	H-40	11/5/1949
Production	2,029.0	7	6.538	17.00	H-40	11/21/1949

Cement Stages

Prop Drill Out?	Des	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
No	Surface Casing Cement	0.0	601.0	Returns to Surface	150 sxs cmt
No	Production Casing Cement	187.0	2,029.0	Calculated	155 sxs cmt TOC (calc) 187'

Tubing Components

Prop Run?	Item Description	OD (in)	ID (in)	Wt (lb/ft)	Length (ft)
No	Tubing	2	1.610	2.90	2,020.00
No	Anchor/catcher	2			3.00
No	Tubing	2	1.610	2.90	47.00
No	Pump Seating Nipple	2	1.610	2.90	1.50
No	Tubing	2	1.610	2.90	31.50
No	Gas anchor	2			3.00
Yes	Tubing	2 3/8	1.995	4.70	1,820.00
Yes	Packer	2 3/8			2.75

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Com
OH Perf w/ 120 qts SNG	2,054.0	2,095.0	11/25/1949	

Formations

Formation	Final Top...	Final Btm...	Comment
Salt	520.0	1,370.0	
Seven Rivers	1,872.0	2,112.0	PROPOSED: INJECTION INTERVAL

General Notes

Date	Type 1	Type 2	Comment
12/14/1977	OCD ORDER	R-4717-A	Approval to convert well to injection

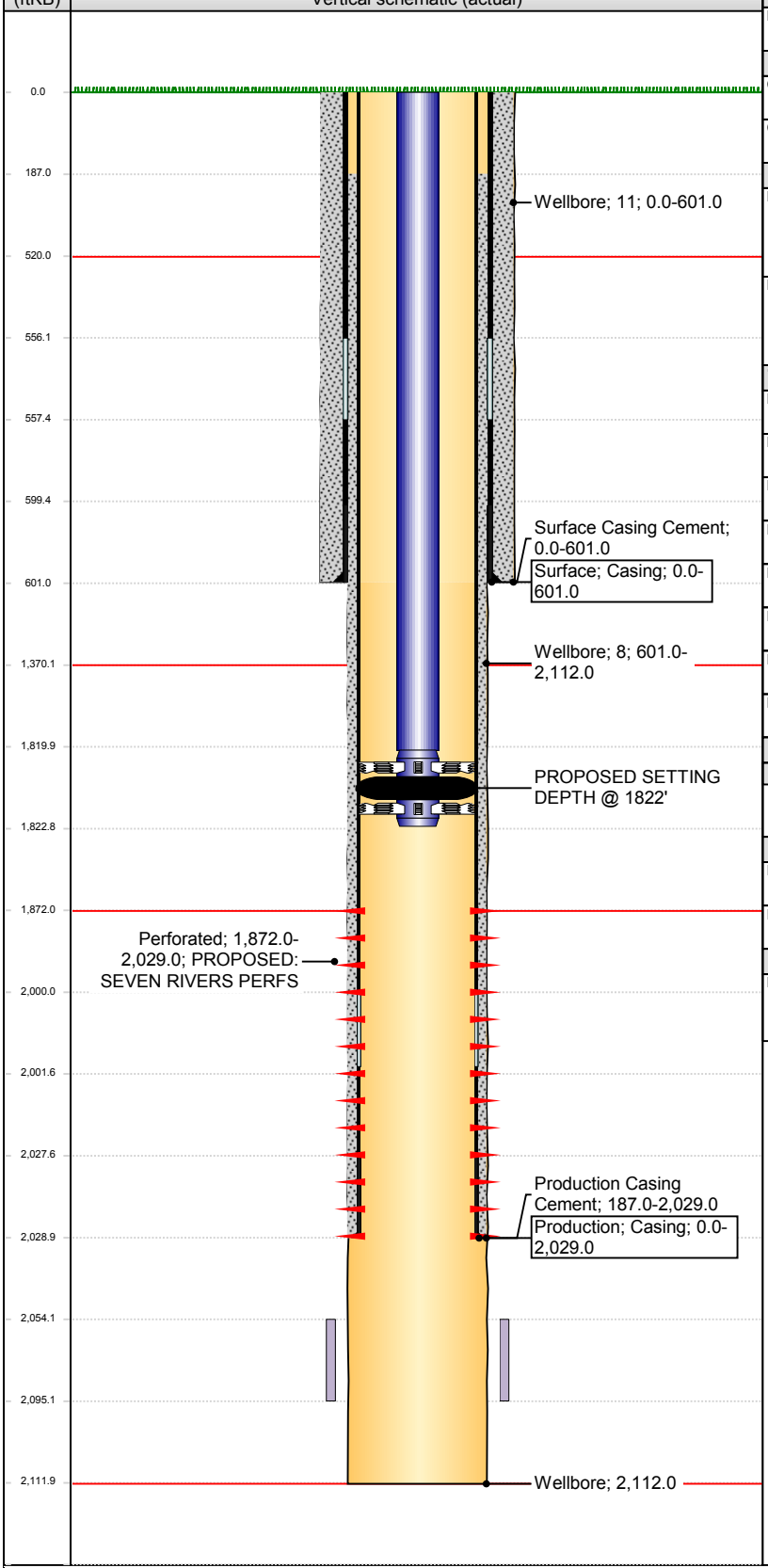
NM Regulatory Schematic

Well Name: SKELLY UNIT 006

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
3001505326	PBNM - PB-SKELLY	Eddy	NM	21	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,740.00	3,740.00	0.00	11/5/1949	12/14/1949	11/21/1949	32° 49' 35.076" N	103° 52' 46.596" W	Yes

Original Hole, 2/26/2015 3:00:52 PM



Original Hole Data

Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag
330.0	FNL	990.0	FWL

Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Surface	601.0	8 5/8	8.017	28.00	H-40	11/5/1949
Production	2,029.0	7	6.538	17.00	H-40	11/21/1949

Cement Stages

Prop Drill Out?	Des	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
No	Surface Casing Cement	0.0	601.0	Returns to Surface	150 sxs cmt
No	Production Casing Cement	187.0	2,029.0	Calculated	155 sxs cmt TOC (calc) 187'

Tubing Components

Prop Run?	Item Description	OD (in)	ID (in)	Wt (lb/ft)	Length (ft)
No	Tubing	2	1.610	2.90	2,020.00
No	Anchor/catcher	2			3.00
No	Tubing	2	1.610	2.90	47.00
No	Pump Seating Nipple	2	1.610	2.90	1.50
No	Tubing	2	1.610	2.90	31.50
No	Gas anchor	2			3.00
No	Tubing	2 3/8	1.995	4.70	1,820.00
No	Packer	2 3/8			2.75

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Com
OH Perf w/ 120 qts SNG	2,054.0	2,095.0	11/25/1949	

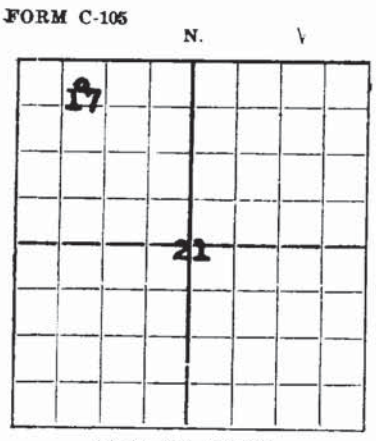
Formations

Formation	Final Top...	Final Btm...	Comment
Salt	520.0	1,370.0	
Seven Rivers	1,872.0	2,112.0	PROPOSED: INJECTION INTERVAL

General Notes

Date	Type 1	Type 2	Comment
12/14/1977	OCD ORDER	R-4717-A	Approval to convert well to injection

FORM C-105



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE.

Skelly Oil Company (Company or Operator) Dow "B" (Lease)

Well No. 17 in NE NW NW of Sec. 21, T. 17S

R. 31E, N. M. P. M., Fren Field, Eddy County.

Well is 330 feet south of the North line and 4290 feet west of the East line of Sec. 21

If State land the oil and gas lease is No. _____ Assignement No. _____

If patented land the owner is _____, Address _____

If Government land the permittee is H. M. Dow, Address —

The Lessee is Skelly Oil Company, Address Tulsa, Oklahoma

Drilling commenced November 5, 19 49. Drilling was completed November 21 19 49

Name of drilling contractor Cactus Drilling Company, Address San Angelo, Texas

Elevation above sea level at top of casing D.F. 3746 feet.

The information given is to be kept confidential until Not Confidential 19____.

OIL SANDS OR ZONES

No. 1, from 2054 to 2095 No. 4, from _____ to _____

No. 2, from _____ to _____ No. 5, from _____ to _____

No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____ feet. _____

No. 2, from _____ to _____ feet. _____

No. 3, from _____ to _____ feet. _____

No. 4, from _____ to _____ feet. _____

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED FROM	PERFORATED TO	PURPOSE
8-5/8"	28	8R	Nat'l.	595'4"	T.P.				
7"	17	8R	Youngstown	2038.45'	T.P.				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
11"	8-5/8"	601'	150	Halliburton		
8"	7"	2029'	155	Halliburton		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth Set _____

Adapters—Material _____ Size _____

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
4"		SNG	120 qts.	11-25-49	2054-2095	2112'

Results of shooting or chemical treatment _____

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

Cable tools were used from 0 feet to 2112 feet, and from _____ feet to _____ feet.

PRODUCTION

Put to producing December 14, 1949

The production of the first 24 hours was 93 barrels of fluid of which 100 % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, Be 39.1 API

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

H. J. Whitaker, Driller W. C. Karr, Driller

E. M. Harper, Driller _____, Driller

FORMATION RECORD ON OTHER SIDE

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Subscribed and sworn to before me this 7th day of January, 1952

Notary Public

My Commission expires 6-1-1952

Hobbs, New Mexico - October 29, 1951
Place Date

Name [signature]

Position Dist. Supt.

Representing Skelly Oil Company
Company or Operator.

Address Hobbs, New Mexico

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	105	105	Sand & Red Shale
105	285	180	Red Bed
285	380	95	Anhydrite, Top Anhydrite, 285' - Samples.
380	470	90	Broken Anhydrite
470	520	70	Red Rock
520	590	50	Salt, Top Salt 520' - Samples.
590	593	3	SLM Correction
593	601	8	Salt, Ran 8-5/8" OD casing @ 601'.
601	1215	614	Salt
1215	1235	20	Red Bed
1235	1370	45	Salt, Base Salt 1370' - Samples.
1370	1390	20	Anhydrite
1390	1440	50	Broken Anhydrite
1440	1575	135	Anhydrite & Sand, Top Yates 1536' - Samples.
1575	1601	26	Anhydrite & Red Rock
1601	1604	3	SLM Correction
1604	1620	16	Anhydrite & Red Rock
1620	1785	165	Anhydrite
1785	1850	65	Broken Anhydrite
1850	2057	207	Anhydrite
2057	2061	4	Sandy Lime
2061	2112	51	Dolomite & Anhydrite
			Drilled to total depth of 2112'. Equiped well to pump and first 24 hours pumped 93 bbls. oil, no water. Next 24 hours pumped 41 bbls. oil. After producing several days, production settled to 32 bbls. oil per day, no water.

Side 1

INJECTION WELL DATA SHEET

OPERATOR: LINN OPERATING, INC.

WELL NAME & NUMBER: SKELLY UNIT #007 API: 30-015-05327

WELL LOCATION: 1874 FNL, 766 FWL | E | 21 | 17S | 31E

FOOTAGE LOCATION | UNIT LETTER | SECTION | TOWNSHIP | RANGE

WELLBORE SCHEMATIC

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 11.0" Casing Size: 8.625"

Cemented with: 150 sx. ***or*** _____ ft^3

Top of Cement: Surface Method Determined: Calc.

Intermediate Casing

Hole Size: _____ Casing Size: _____

Cemented with: _____ sx. ***or*** _____ ft^3

Top of Cement: _____ Method Determined: _____

Production Casing

Hole Size: 8.0" Casing Size: 7.0"

Cemented with: 150 sx. ***or*** _____ ft^3

Top of Cement: 197' Method Determined: Calc.

Total Depth: 2135' TVD

Injection Interval

1870' (Perf) feet to 2135' (Open Hole)

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2-3/8 Lining Material: Internal Plastic Coated

Type of Packer: 2.375" x 2.75' (Arrowset-1X (NP) Pkr w/ On/Off Tool)

Packer Setting Depth: 1820'

Other Type of Tubing/Casing Seal (if applicable): _____

Additional Data

1. Is this a new well drilled for injection? _____Yes X No

   If no, for what purpose was the well originally drilled? OIL PRODUCTION

   _____

2. Name of the Injection Formation: SEVEN RIVERS

3. Name of Field or Pool (if applicable): GRAYBURG JACKSON;SR-Q-G-SA

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. NO

   _____

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: YATES, GRAYBURG, SAN ANDRES

   _____

   _____

   _____

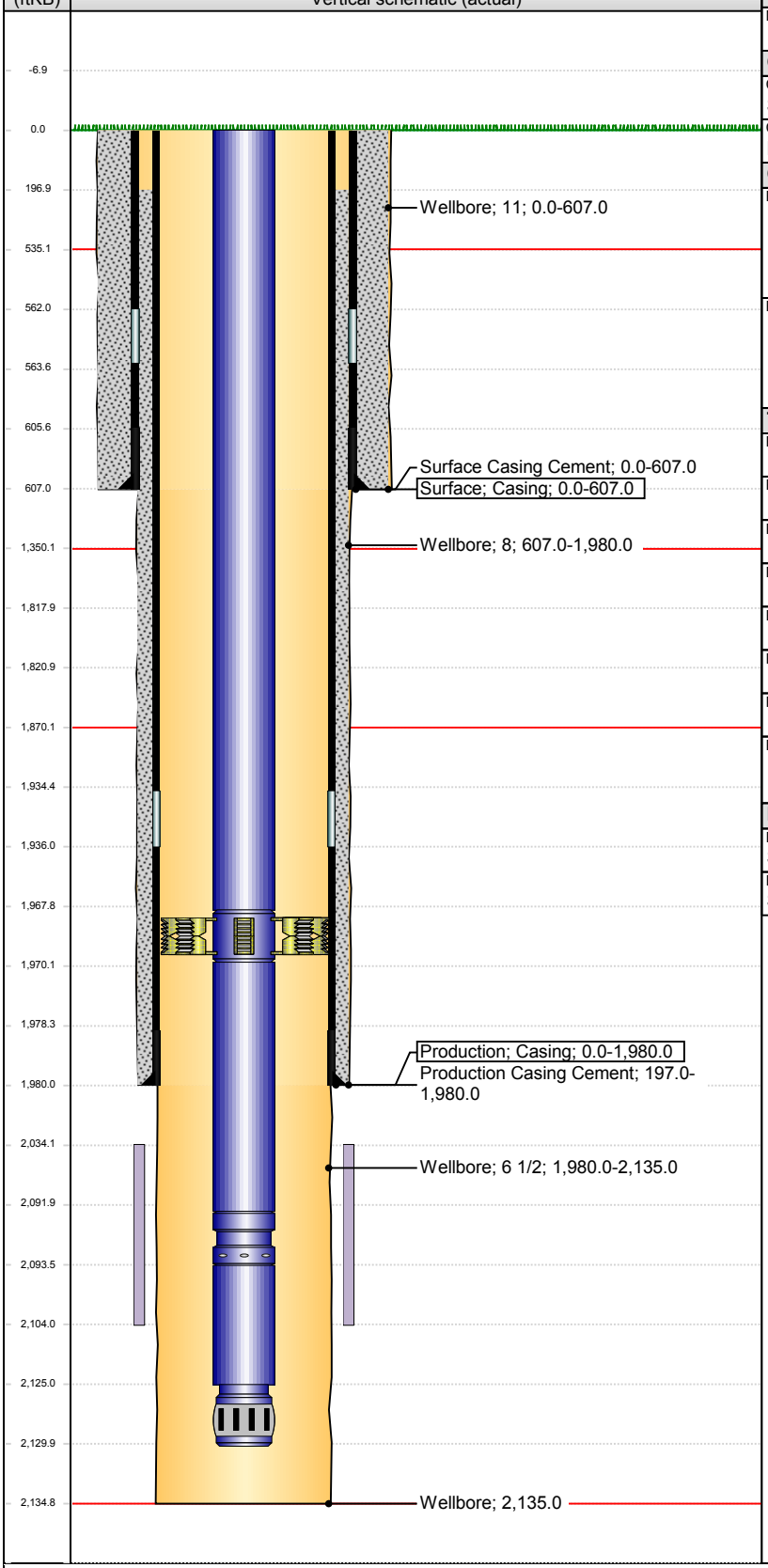
NM Regulatory Schematic

Well Name: SKELLY UNIT 007

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
3001505327	PBNM - PB-SKELLY	Eddy	NM	21	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,740.00	3,740.00	0.00	8/3/1950		8/29/1950	32° 49' 19.812" N	103° 52' 49.116" W	Yes

Original Hole, 2/26/2015 3:04:51 PM



Original Hole Data

Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag
1,874.0	FNL	766.0	FWL

Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Surface	607.0	8 5/8	8.017	28.00	H-40	8/3/1950
Production	1,980.0	7	6.456	20.00	H-40	9/9/1950

Cement Stages

Prop Drill Out?	Des	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
No	Surface Casing Cement	0.0	607.0	Calculated	Cemented w/150 sx. TOC @ surface (calc). Assumes 1.32 cu ft/sx and 50% fillup.
No	Production Casing Cement	197.0	1,980.0	Calculated	Cemented w/ 150 sx. TOC @ 197' (calc). Assumes 1.32 cu ft/sx and 50% fillup.

Tubing Components

Prop Run?	Item Description	OD (in)	ID (in)	Wt (lb/ft)	Length (ft)
No	Tubing	2 3/8	1.995	4.70	1,975.00
No	Anchor/catcher	2 3/8			2.00
No	Tubing	2 3/8	1.995	4.60	122.00
No	Pump Seating Nipple	2 3/8	1.995	4.70	1.50
No	Tubing	2 3/8	1.995	4.70	31.50
No	Gas anchor	2 3/8			5.00
Yes	IPC Tubing	2 3/8	1.995	4.70	1,818.00
Yes	Arrowset-1X (NP) Pkr w/ On/off Tool	2 3/8			2.75

Formations

Formation	Final Top...	Final Btm...	Comment
Salt	535.0	1,350.0	
Seven Rivers	1,870.0	2,135.0	PROPOSED: INJECTION INTERVAL

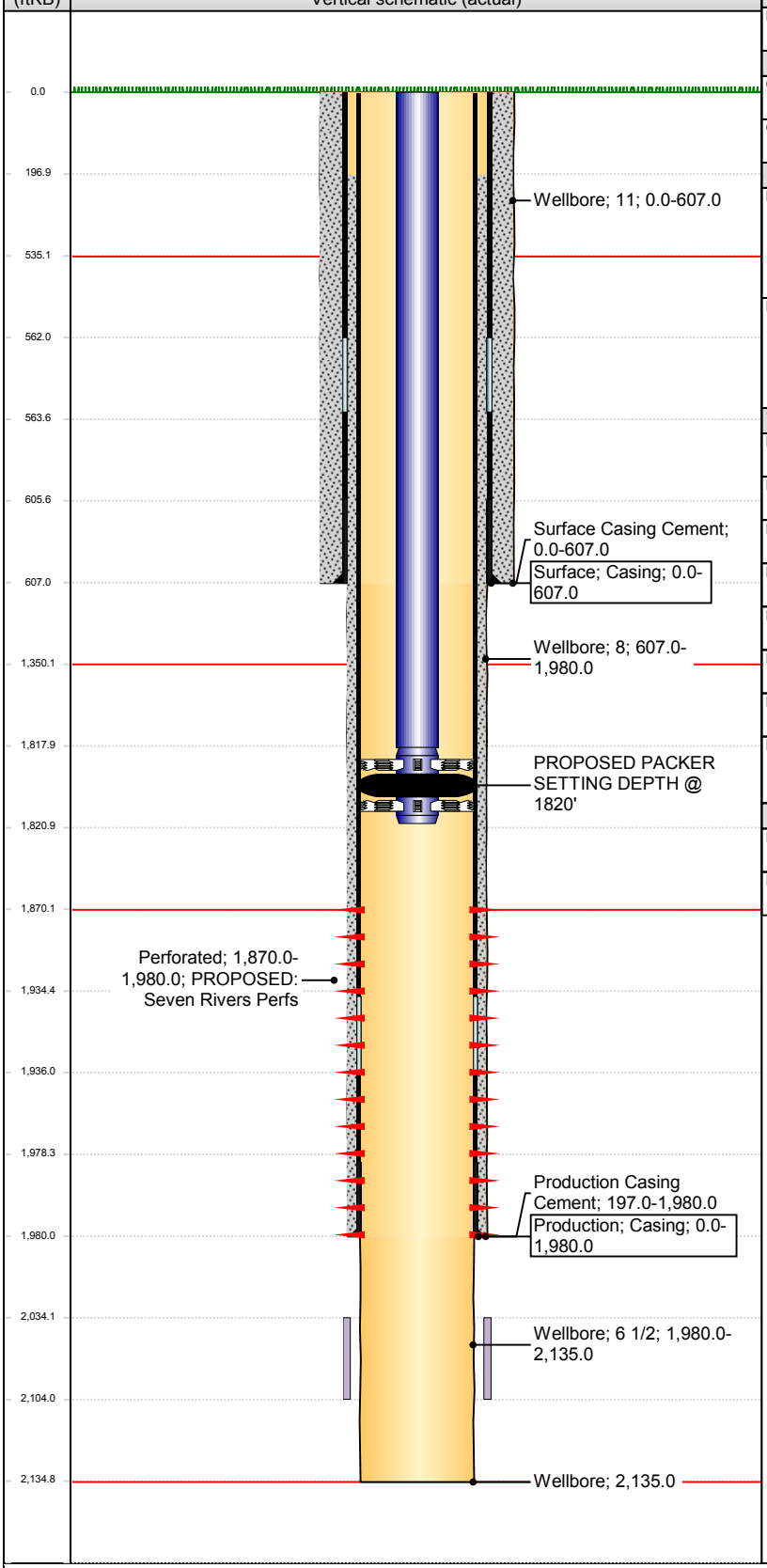
NM Regulatory Schematic

Well Name: SKELLY UNIT 007

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
3001505327	PBNM - PB-SKELLY	Eddy	NM	21	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,740.00	3,740.00	0.00	8/3/1950		8/29/1950	32° 49' 19.812" N	103° 52' 49.116" W	Yes

Original Hole, 2/26/2015 3:04:06 PM



Original Hole Data

Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag
1,874.0	FNL	766.0	FWL

Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Surface	607.0	8 5/8	8.017	28.00	H-40	8/3/1950
Production	1,980.0	7	6.456	20.00	H-40	9/9/1950

Cement Stages

Prop Drill Out?	Des	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
No	Surface Casing Cement	0.0	607.0	Calculated	Cemented w/150 sx. TOC @ surface (calc). Assumes 1.32 cu ft/sx and 50% fillup.
No	Production Casing Cement	197.0	1,980.0	Calculated	Cemented w/ 150 sx. TOC @ 197' (calc). Assumes 1.32 cu ft/sx and 50% fillup.

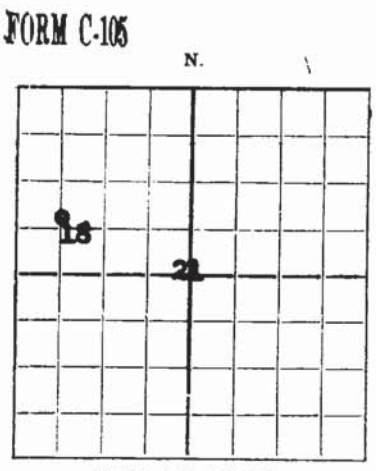
Tubing Components

Prop Run?	Item Description	OD (in)	ID (in)	Wt (lb/ft)	Length (ft)
No	Tubing	2 3/8	1.995	4.70	1,975.00
No	Anchor/catcher	2 3/8			2.00
No	Tubing	2 3/8	1.995	4.60	122.00
No	Pump Seating Nipple	2 3/8	1.995	4.70	1.50
No	Tubing	2 3/8	1.995	4.70	31.50
No	Gas anchor	2 3/8			5.00
No	IPC Tubing	2 3/8	1.995	4.70	1,818.00
No	Arrowset-1X (NP) Pkr w/ On/off Tool	2 3/8			2.75

Formations

Formation	Final Top...	Final Btm...	Comment
Salt	535.0	1,350.0	
Seven Rivers	1,870.0	2,135.0	PROPOSED: INJECTION INTERVAL

FORM C-105



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE.

Skelly Oil Company (Company or Operator) Dow "B" (Lease)

Well No. 18 in SW NW of Sec. 21, T. 17S

R. 31E, N. M. P. M., Fren Field, Eddy County.

Well is 1874 feet south of the North line and 4514 feet west of the East line of Sec. 21

If State land the oil and gas lease is No. _____ Assignement No. _____

If patented land the owner is _____, Address _____

If Government land the permittee is H. M. Dow, Address —

The Lessee is Skelly Oil Company, Address Tulsa, Oklahoma

Drilling commenced August 3, 1950. Drilling was completed August 29, 1950

Name of drilling contractor Cactus Drilling Company, Address San Angelo, Texas

Elevation above sea level at top of ~~XXXX~~ D.F. 3740' feet.

The information given is to be kept confidential until Not Confidential 19____.

OIL SANDS OR ZONES

No. 1, from 2034 to 2104 No. 4, from _____ to _____

No. 2, from _____ to _____ No. 5, from _____ to _____

No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____ feet. _____

No. 2, from _____ to _____ feet. _____

No. 3, from _____ to _____ feet. _____

No. 4, from _____ to _____ feet. _____

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED FROM	PERFORATED TO	PURPOSE
8-5/8"	28#	8R	Nat'l.	607	T.P.				
7"	20#	8R	P.H.	1983	T.P.				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
10"	8-5/8"	607'	150	Halliburton		
8"	7"	1980'	150	Halliburton		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth Set _____

Adapters—Material _____ Size _____

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
4"		Dupont's S.O.W.E	192 qts.	8-24-50	2105-2032	2135'

Results of shooting or chemical treatment _____

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

Cable tools were used from Surface feet to 2135 feet, and from _____ feet to _____ feet.

PRODUCTION

Put to producing September 9, 19 50

The production of the first 24 hours was 20 barrels of fluid of which 100 % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, Be _____

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Joe Morris, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD ON OTHER SIDE

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Subscribed and sworn to before me this 29th day of October, 1950

Notary Public

My Commission expires June 1, 1952

Hobbs, New Mexico - October 29, 1951.
Place Date

Name [signature]

Position Dist. Supt.

Representing Skelly Oil Company
Company or Operator.

Address Hobbs, New Mexico

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	15	15	Caliche
15	35	20	Red Bed
35	55	20	Red Sand
55	315	260	Red Bed
315	480	165	Anhydrite, Top Anhydrite 315' 9(Samples)
480	490	10	Red Bed
490	540	50	Red Bed, Gypsum, & Salt, Top Salt 535' (Samples)
540	550	10	Water Sand
550	607	57	Sand & Salt
607	1350	743	Salt, Base Salt 1350' (Samples)
1350	1385	35	Anhydrite
1385	1425	40	Anhydrite & Shale
1425	1905	480	Anhydrite, Top Yates 1510' (Samples)
1872	1882	10	SLM Correction
1905	2028	123	Anhydrite
2028	2047	19	Anhydrite & Lime
2047	2087	40	Anhydrite
2071	2072	1	SLM Correction
2087	2135	48	Anhydrite
			Reached total depth 8-20-50
			Well p

Side 1

INJECTION WELL DATA SHEET

OPERATOR: LINN OPERATING, INC.

WELL NAME & NUMBER: TURNER A #035 API: 30-015-20097 (Plugged Well)

WELL LOCATION:	1800 FNL, 660 FEL	H	19	17S	31E
	FOOTAGE LOCATION	UNIT LETTER	SECTION	TOWNSHIP	RANGE

WELLBORE SCHEMATIC

1. Sqz Job: Perf @ 250', 175 sx, Circ to Surface

1. Sqz Job: Perf @ 1250', 45 sx, 1250' - 1139', Calc

2. Sqz Job: Perf @ 605', 120 sx, 605' - 250', Calc

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 12.25" Casing Size: 8.625"

Cemented with: 350 sx. ***or*** _____ ft^3

Top of Cement: Surface Method Determined: Circ.

Intermediate Casing

Hole Size: _____ Casing Size: _____

Cemented with: _____ sx. ***or*** _____ ft^3

Top of Cement: _____ Method Determined: _____

Production Casing

Hole Size: 7.875" Casing Size: 4.5"

Cemented with: 390 sx. ***or*** _____ ft^3

Top of Cement: 1480' Method Determined: Temp Survey

Total Depth: 3635' TVD

Injection Interval

1706' (Perf) feet to 3380' (Perf)

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2-3/8 Lining Material: Internal Plastic Coated

Type of Packer: 2.375" x 3.0' (Arrowset-1X (NP) Pkr w/ On/Off Tool)

Packer Setting Depth: 1656'

Other Type of Tubing/Casing Seal (if applicable): _____

Additional Data

1. Is this a new well drilled for injection? _____Yes X No

   If no, for what purpose was the well originally drilled? INJECTION

   _____

2. Name of the Injection Formation: SEVEN RIVERS

3. Name of Field or Pool (if applicable): GRAYBURG JACKSON; SR-Q-G-SA

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. Yes, GRAYBURG

   SAN ANDRES, 2679' - 3380', behind CIBP w /11' of cement, wellbore plugged.

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: GRAYBURG, YATES, SAN ANDRES

   _____

   _____

   _____

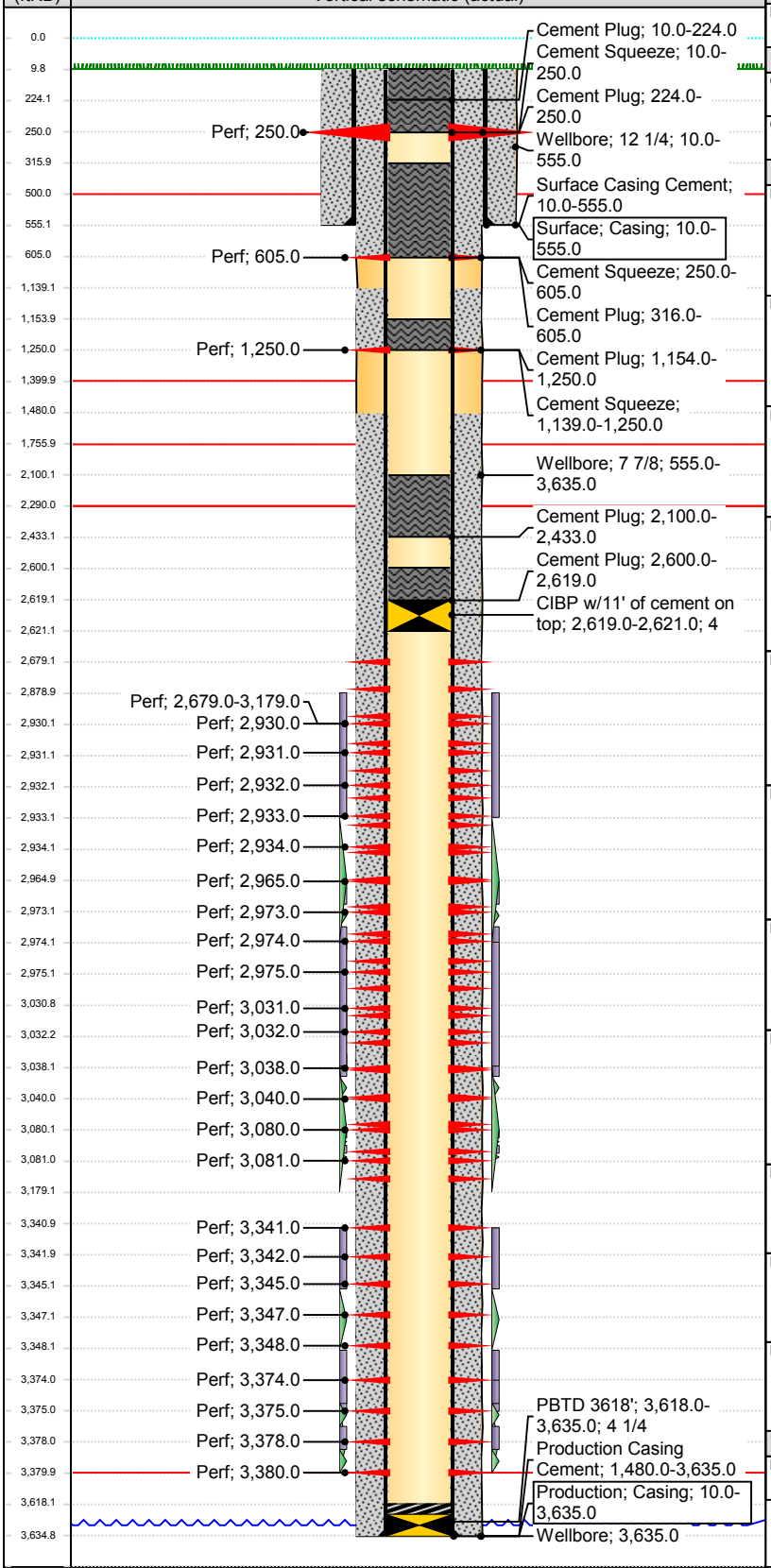
NM Regulatory Schematic

Well Name: TURNER A 35 INJ

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
3001520097	PBNM - PB-GRAYBURG	Eddy	NM	19	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,619.00	3,629.00	10.00	12/2/1967		12/27/1967	32° 49' 20.316" N	103° 54' 7.092" W	Yes

Original Hole, 2/24/2015 2:52:52 PM



Original Hole Data

Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag
1,800.0	FNL	660.0	FEL

Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Surface	555.0	8 5/8	8.097	20.00	J-55	12/2/1967
Production	3,635.0	4 1/2	4.09	9.50	J-55	12/28/1967

Cement Stages

Prop Drill Out?	Des	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
No	Surface Casing Cement	10.0	555.0	Tag	350 sxs Incor Class C plus 2% CL Circ cement to surface.
No	Production Casing Cement	1,480.0	3,635.0	Temp. Survey	390 sxs Incor Class C 4% gel 50/50 Poz A Ran Temp. Survey TOC @ 1480'
Yes	Cement Plug	10.0	224.0	Tag	Spot 20 sxs cmt to surface PROPOSED: DRILL OUT
No	Cement Squeeze	10.0	250.0	Calculated	Perf @ 250' Sqz w/ 100 sxs, no pressure Puimp 75 sxs cmt TOC @ surface (calc)
Yes	Cement Plug	224.0	250.0	Tag	Spot plug w/ 175 sxs cmt @ 250' Tag @ 224' PROPOSED: DRILL OUT
Yes	Cement Plug	316.0	605.0	Tag	Cement plug set w/ 120 sx @ 605' Tag @ 316' PROPOSED: DRILL OUT
No	Cement Squeeze	250.0	605.0	Calculated	Perf @ 605' Sqz 120 sxs cmt TOC @ 250' (calc/assume)
Yes	Cement Plug	1,154.0	1,250.0	Tag	Set cement plug w/ 45 sx @ 1250' Tag @ 1154' PROPOSED: DRILL OUT
No	Cement Squeeze	1,139.0	1,250.0	Calculated	Perf @ 1250' sqz 45 sxs cmt TOC @ 1139' (calc)
Yes	Cement Plug	2,100.0	2,433.0	Tag	Spot plug w/ 25 sxs cmt Tag @ 2100'
Yes	Cement Plug	2,600.0	2,619.0	Tag	Cap CIBP w/ 11' cement. PROPOSED: DRILL OUT

Tubing Components

Prop Run?	Item Description	OD (in)	ID (in)	Wt (lb/ft)	Length (ft)
No	IPC Tubing	2 3/8	1.995	4.70	1,731.00

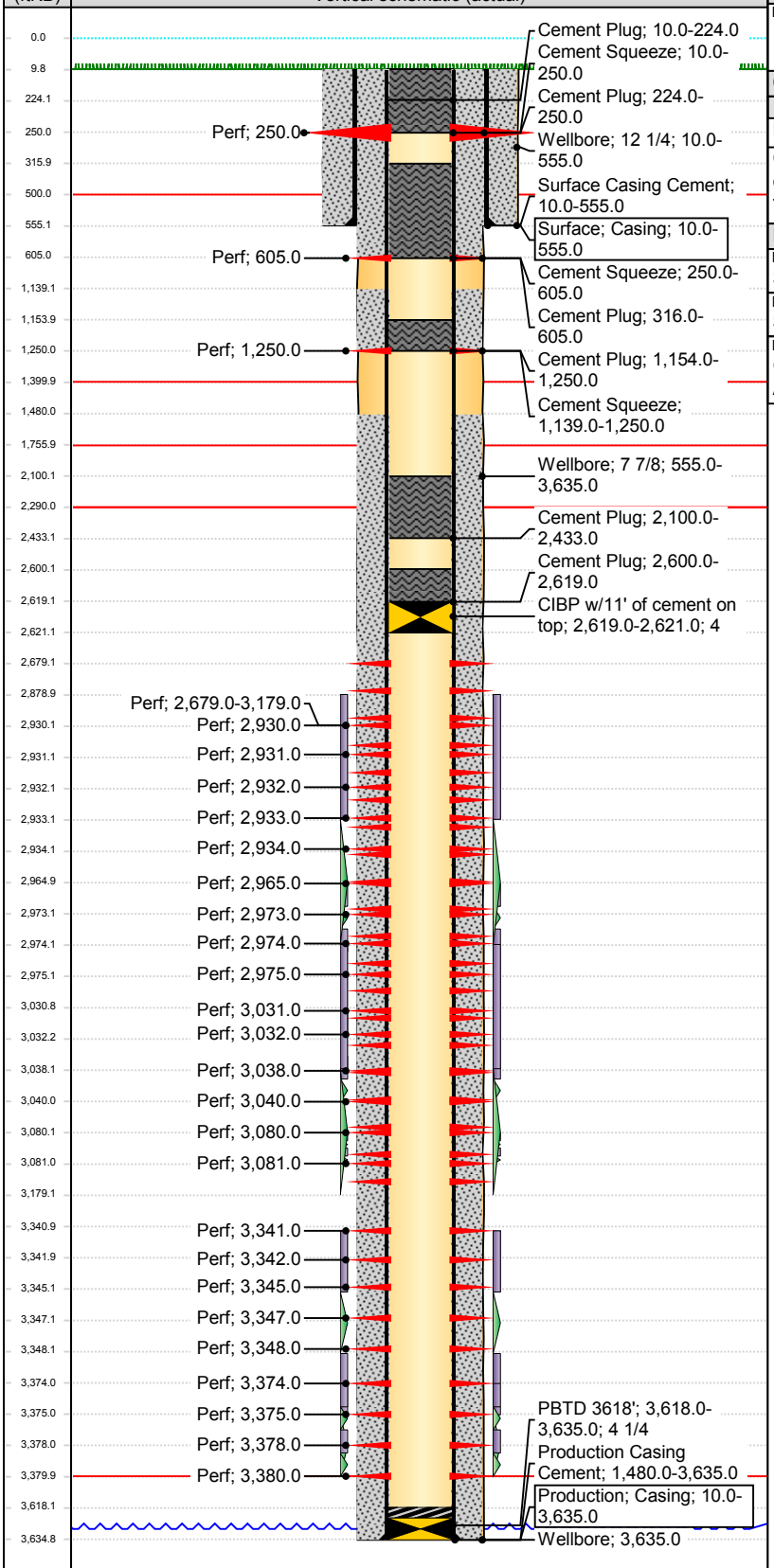
NM Regulatory Schematic

Well Name: TURNER A 35 INJ

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
3001520097	PBNM - PB-GRAYBURG	Eddy	NM	19	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,619.00	3,629.00	10.00	12/2/1967		12/27/1967	32° 49' 20.316" N	103° 54' 7.092" W	Yes

Original Hole, 2/24/2015 2:52:52 PM



Original Hole Data

Tubing Components

Prop Run?	Item Description	OD (in)	ID (in)	Wt (lb/ft)	Length (ft)
No	Arrowset-1X (NP) Pkr w/ On/off Tool	2 3/8			2.75

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Com
PBTD 3618'	3,618.0	3,635.0	12/28/1967	
CIBP w/11' of cement on top	2,619.0	2,621.0	6/16/2011	PROPOSED: DRILL OUT

Formations

Formation	Final Top...	Final Btm...	Comment
Salt	500.0	1,400.0	
Seven Rivers	1,756.0	2,290.0	PROPOSED: INJECTION INTERVAL
Grayburg-San Andres	2,290.0	3,380.0	PROPOSED: INJECTION INTERVAL

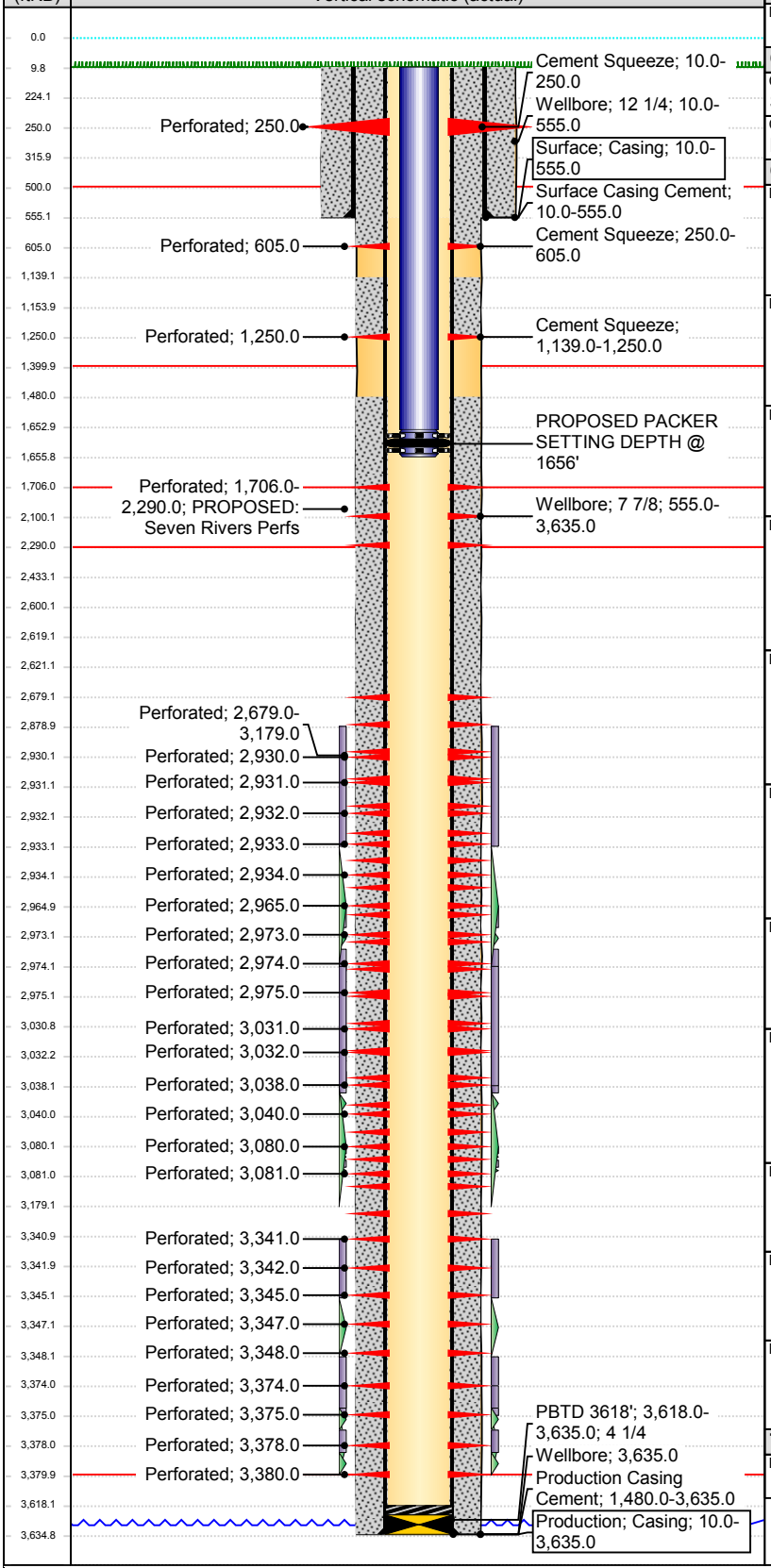
NM Regulatory Schematic

Well Name: TURNER A 35 INJ

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
3001520097	PBNM - PB-GRAYBURG	Eddy	NM	19	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,619.00	3,629.00	10.00	12/2/1967		12/27/1967	32° 49' 20.316" N	103° 54' 7.092" W	Yes

Original Hole, 2/25/2015 7:41:42 AM



Original Hole Data

Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag
1,800.0	FNL	660.0	FEL

Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Surface	555.0	8 5/8	8.097	20.00	J-55	12/2/1967
Production	3,635.0	4 1/2	4.09	9.50	J-55	12/28/1967

Cement Stages

Prop Drill Out?	Des	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
No	Surface Casing Cement	10.0	555.0	Tag	350 sxs Incor Class C plus 2% CL Circ cement to surface.
No	Production Casing Cement	1,480.0	3,635.0	Temp. Survey	390 sxs Incor Class C 4% gel 50/50 Poz A Ran Temp. Survey TOC @ 1480'
Yes	Cement Plug	10.0	224.0	Tag	Spot 20 sxs cmt to surface PROPOSED: DRILL OUT
No	Cement Squeeze	10.0	250.0	Calculated	Perf @ 250' Sqz w/ 100 sxs, no pressure Puimp 75 sxs cmt TOC @ surface (calc)
Yes	Cement Plug	224.0	250.0	Tag	Spot plug w/ 175 sxs cmt @ 250' Tag @ 224' PROPOSED: DRILL OUT
Yes	Cement Plug	316.0	605.0	Tag	Cement plug set w/ 120 sx @ 605' Tag @ 316' PROPOSED: DRILL OUT
No	Cement Squeeze	250.0	605.0	Calculated	Perf @ 605' Sqz 120 sxs cmt TOC @ 250' (calc/assume)
Yes	Cement Plug	1,154.0	1,250.0	Tag	Set cement plug w/ 45 sx @ 1250' Tag @ 1154' PROPOSED: DRILL OUT
No	Cement Squeeze	1,139.0	1,250.0	Calculated	Perf @ 1250' sqz 45 sxs cmt TOC @ 1139' (calc)
Yes	Cement Plug	2,100.0	2,433.0	Tag	Spot plug w/ 25 sxs cmt Tag @ 2100'
Yes	Cement Plug	2,600.0	2,619.0	Tag	Cap CIBP w/ 11' cement. PROPOSED: DRILL OUT

Tubing Components

Prop Run?	Item Description	OD (in)	ID (in)	Wt (lb/ft)	Length (ft)
No	IPC Tubing	2 3/8	1.995	4.70	1,653.00

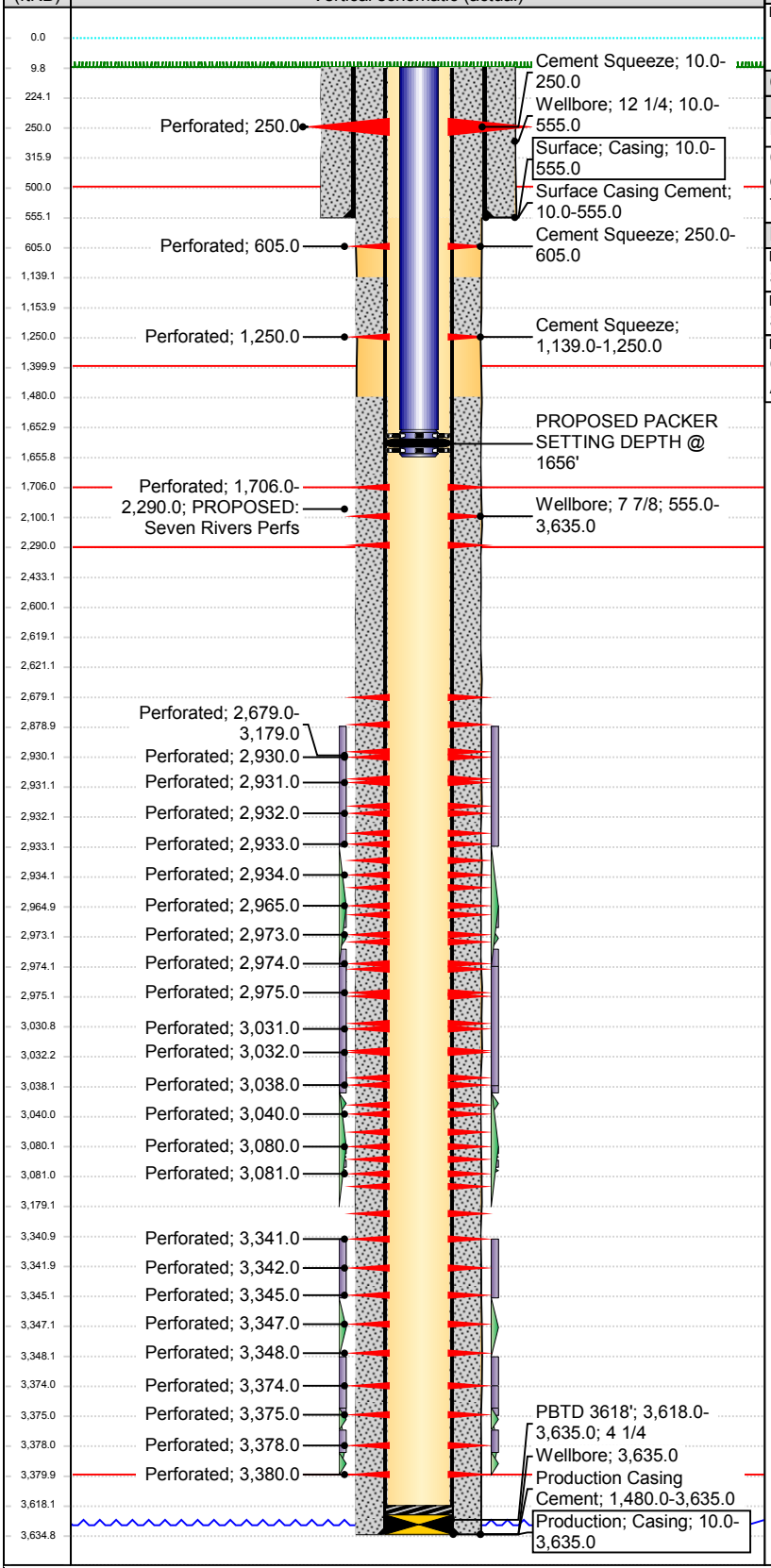
NM Regulatory Schematic

Well Name: TURNER A 35 INJ

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
3001520097	PBNM - PB-GRAYBURG	Eddy	NM	19	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,619.00	3,629.00	10.00	12/2/1967		12/27/1967	32° 49' 20.316" N	103° 54' 7.092" W	Yes

Original Hole, 2/25/2015 7:41:42 AM



Original Hole Data

Tubing Components

Prop Run?	Item Description	OD (in)	ID (in)	Wt (lb/ft)	Length (ft)
No	Arrowset-1X (NP) Pkr w/ On/off Tool	2 3/8			3.00

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Com
PBTD 3618'	3,618.0	3,635.0	12/28/1967	
CIBP w/11' of cement on top	2,619.0	2,621.0	6/16/2011	PROPOSED: DRILL OUT

Formations

Formation	Final Top...	Final Btm...	Comment
Salt	500.0	1,400.0	
Seven Rivers	1,706.0	2,290.0	PROPOSED: INJECTION INTERVAL
Grayburg-San Andres	2,290.0	3,380.0	PROPOSED: INJECTION INTERVAL

N. M. O. C. C. COPY

Form 9-330
(Rev. 5-68)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE* (See other instructions on reverse side)

Copy to F.

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

5. LEASE DESIGNATION AND SERIAL NO.: LC 029395 - A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☐ Other Water Injection

RECEIVED

b. TYPE OF COMPLETION: NEW ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other

8. FARM OR LEASE NAME: ~~Grayburg Jackson~~ Turner "A"

2. NAME OF OPERATOR: ~~SINCLAIR OIL & GAS COMPANY~~ ~~SINCLAIR OIL CORPORATION~~ ✓

OCT 1 1968 JAN 2 1 1968

9. WELL NO.: 35

3. ADDRESS OF OPERATOR: P. O. Box 1920, Hobbs, New Mexico

10. FIELD AND POOL, OR WILDCAT: Grayburg Jackson

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface: 660' fr the East line and 1800' fr the North line
At top prod. interval reported below: as above
At total depth: as above

Sinclair Oil Corporation Merged into Atlantic Richfield Company effective March 4, 1969

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: 19-T17S-R31E

14. PERMIT NO. | DATE ISSUED

12. COUNTY OR PARISH: Eddy | 13. STATE: New Mexico

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
12-2-67	12-27-67	1-17-68 Inject	3619 GR	

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
3635'	3618'		→	0-3635'	

24. ~~PRODUCING~~ INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
Injection
2930-3380' Grayburg Jackson

25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN
Depth Control Log.

27. WAS WELL CORED: No

28. CASING RECORD (*Report all strings set in well*)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"OD	20#	555'	12-1/4"	350 sks.	None
4-1/2"OD	9.5#	3635'	7-7/8"	390 sks.	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"OD	2880'	2880'

31. PERFORATION RECORD (*Interval, size and number*)
2930-31-32-33-34-65-73-74-75', 3031-32-38-40-80-81', 3341-42-45-47-48-74-75-78-80', w/48 - 3/8" holes.

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3341-80'	750 gals. BDA
3080-81'	250 gals. BDA
3031-40'	500 gals. M.A.
2930-2975'	1000 gals. M.A.

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*)	WELL STATUS (*Producing or shut-in*)
	Water Injection Well	

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)

RECEIVED
JAN 23 1968
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*) | TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED [signature] TITLE Superintendent DATE 1-19-68

*(See Instructions and Spaces for Additional Data on Reverse Side)

Original: USGS, Artesia, New Mexico ... Regional Office ...

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: *"Sacks Cement":* Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Grayburg	Core#1 2600	2675'	Dolomite, scattered bleeding oil.
	#2 2675	2750'	Dolomite, sand, shale & anhydrite w/bldg oil.
	#3 2750	2825'	Dolomite, w/scattered porosity and streaks bldg oil.
	#4 2825	2900'	Dolomite, w/scattered stks. of Poro. & bldg oil.
	#5 2900	2975'	Dolomite w/widely scattered strks. poro. & bldg oil.
	#6 2975	3050'	Dolomite, ditto
	#7 3050	3125'	Dolomite, strks. poro & bldg. oil.
	#8 3125	3164'	Dolomite, Sand, very little show.
	#9 3164	3239'	Dolomite, stks sand, no show.
	#10 3239	3314'	Dolomite, no show.
	#11 3314	3386'	Dolomite, fractured, scattered shows bldg. oil.
	#12 3386	3432'	Dolomite & Anhydrite, highly fractured w/ intervals bldg. oil.
	#13 3432	3477'	Dolomite & Anhydrite, badly fractured, w/ intervals bldg. oil.
	#14 3477	3530'	Dolomite & Anhydrite, sand w/ intervals bldg. oil & water.
	#15 3530	3546'	Dolomite w/strks bldg oil & water.
	#16 3546	3588'	Dolomite, fractured, bldg. oil & water in strks.
	#17 3588	3635' TD	Dolomite, slightly bldg. oil & water.

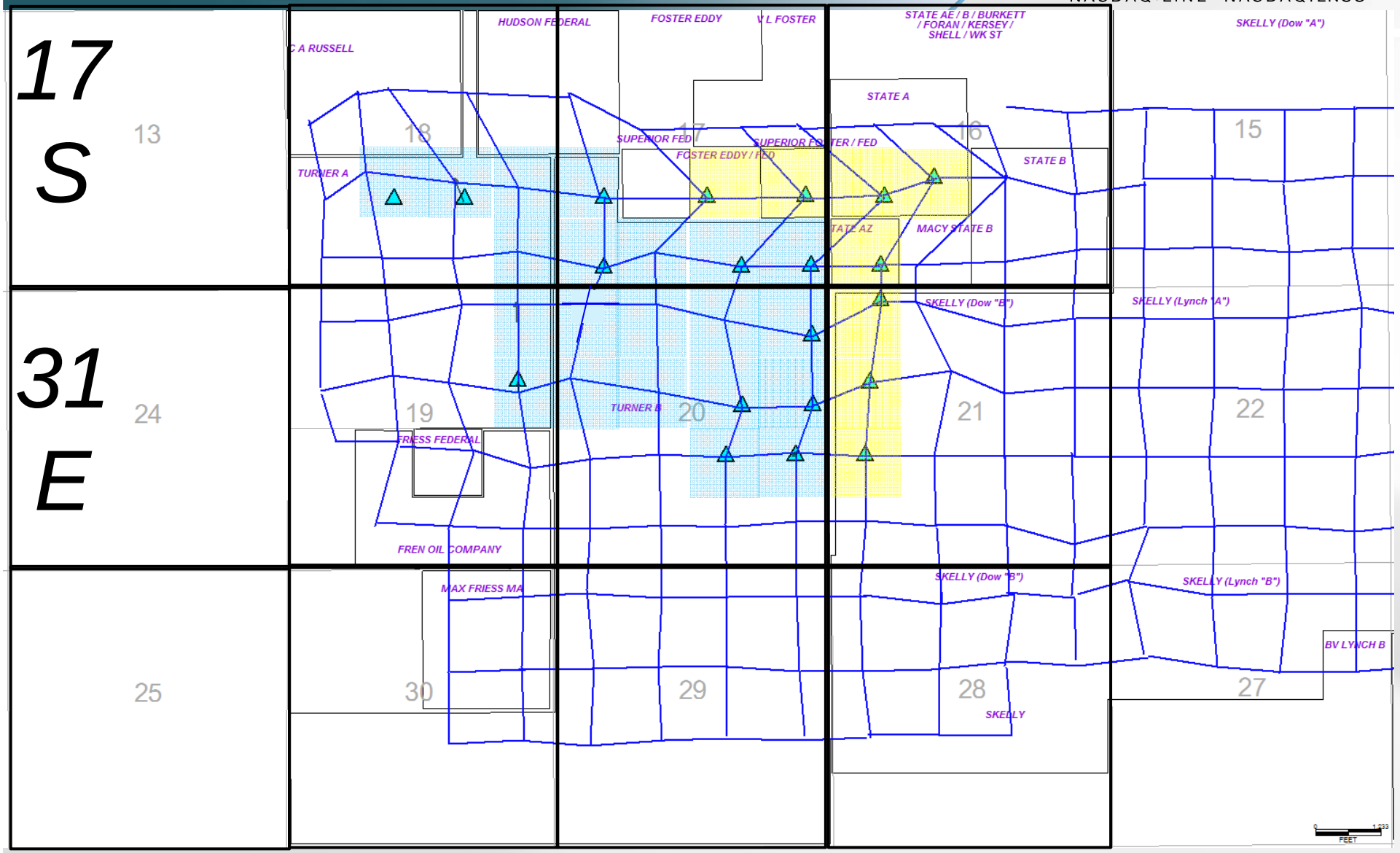
38. GEOLOGIC MARKERS

NAME	TOP MEAS. DEPTH	TOP TRUE VERT. DEPTH
Queen	2280'	2280'
Grayburg	2625'	2625'
San Andres	3045'	3045'

U.S. GOVERNMENT PRINTING OFFICE: 1963—O-683636

EXHIBIT 3: OCD Order Coverage

LINN Energy
NASDAQ:LINE • NASDAQ:LNCO



LEGEND:

R-3185

R-4717-A

EXHIBIT 4: 2 MILE RADIUS AREA OF REVIEW

LINN ENERGY

PERMIAN New Mexico

SEVEN RIVERS_C-108 APPLICATION

AOR- 2 MI RADIUS

0 2,946 5,892

FEET

SYMBOL HIGHLIGHT

7 RIV CTI CAND_PHASE I_C-108

WELL SYMBOLS

- abandend location
- Dry Hole, With Show of Gas
- Dry Hole, With Show of Oil & Gas
- Dry Hole, With Show of Oil
- Dry Hole
- Gas Well
- Injection Well
- Injection Well
- Junked
- Location
- Oil and Injection
- Oil Well
- Plugged and Abandoned
- Plugged Injection
- Shut In Oil Well
- Drilling Well
- Suspended Oil Well
- Temporarily Abandoned
- New Symbol

By: K. PENA

March 5, 2015

JL KEEL FED B

JL KEEL A

H E WEST B

C A RUSSELL

HUDSON FEDERAL

FOSTER EDDY

W L FOSTER

STATE AE / B / BURKETT / FORAN / KERSEY / SHELL / WK ST.

SKELLY (Dow "A")

SKELLY (Lea "B")

STATE A

SUPERIOR FED

SUPERIOR FOSTER / FED

FOSTER EDDY / FED

TURNER A

STATE B

SKELLY (Lea "A")

STATE AZ

MACY STATE B

SKELLY (Dow "B")

SKELLY (Lynch "A")

SKELLY (Lea "A")

TURNER B

FRIESS FEDERAL

SKELLY (Lea "B")

FREN OIL COMPANY

MAX FRIESS MA

SKELLY (Dow "B")

SKELLY (Lynch "B")

SKELLY (Lea "B")

BV LYNCH B

SKELLY

LEA D

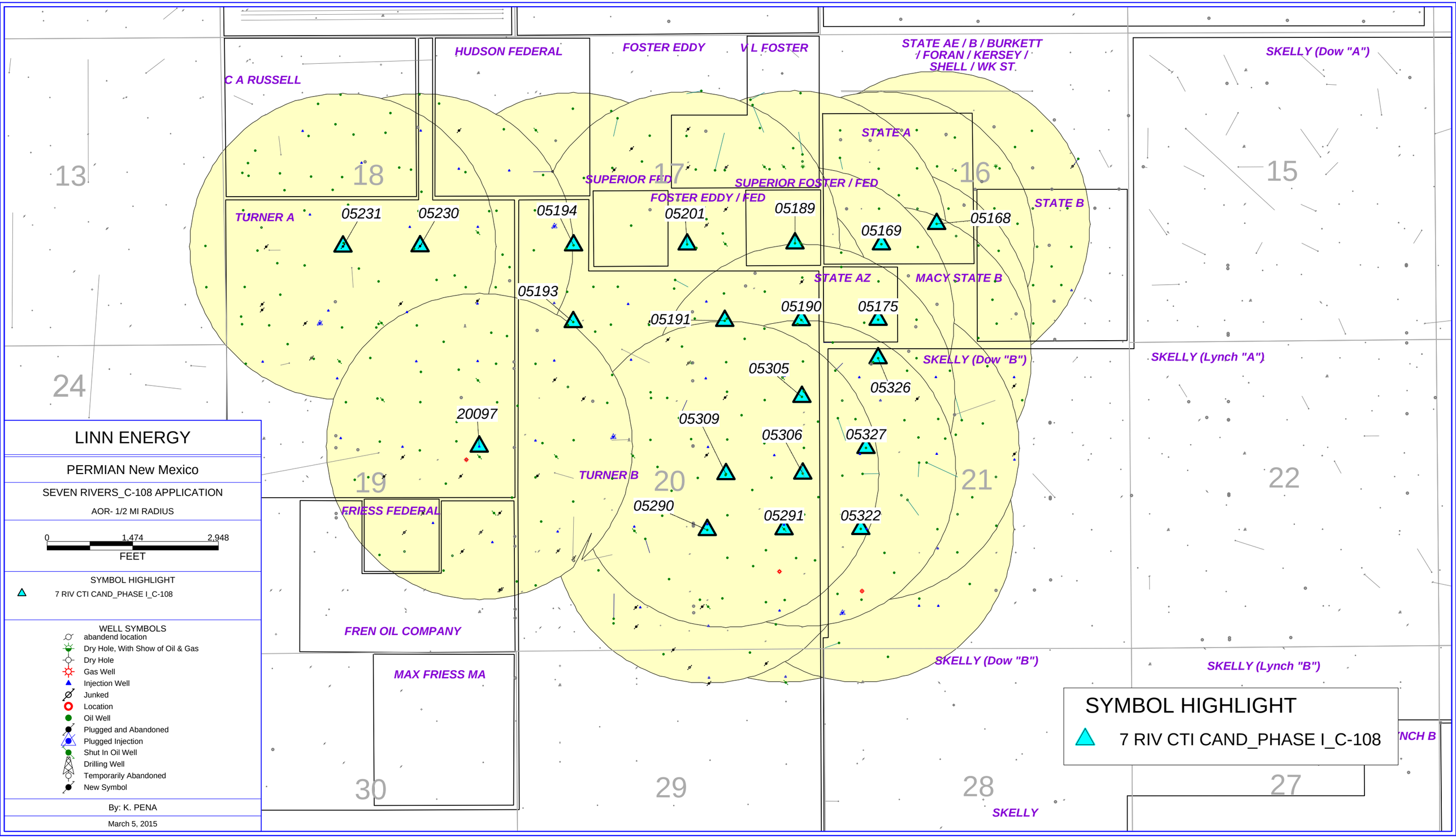
05231 05230 05194 05201 05189 05169 05168 05193 05191 05190 05175 05305 05326 20097 05309 05306 05327 05290 05291 05322

SYMBOL HIGHLIGHT

7 RIV CTI CAND_PHASE I_C-108

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EXHIBIT 5: 1/2 MILE RADIUS AREA OF REVIEW (GROUP & SINGLE)



LINN ENERGY

PERMIAN New Mexico

SEVEN RIVERS_C-108 APPLICATION

AOR- 1/2 MI RADIUS

0 1,474 2,948

FEET

SYMBOL HIGHLIGHT

7 RIV CTI CAND_PHASE I_C-108

WELL SYMBOLS

- abandend location
- Dry Hole, With Show of Oil & Gas
- Dry Hole
- Gas Well
- Injection Well
- Junked
- Location
- Oil Well
- Plugged and Abandoned
- Plugged Injection
- Shut In Oil Well
- Drilling Well
- Temporarily Abandoned
- New Symbol

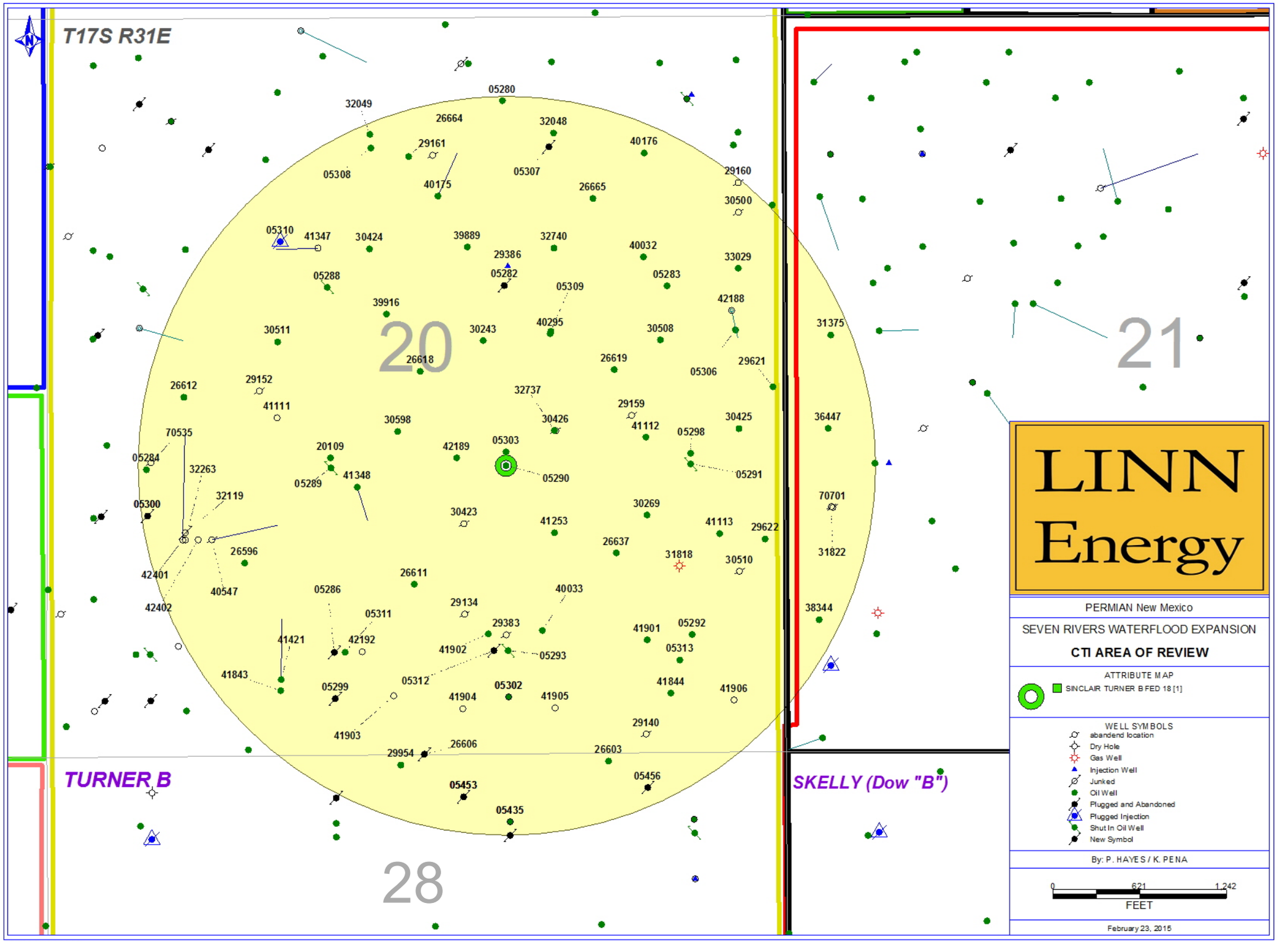
By: K. PENA

March 5, 2015

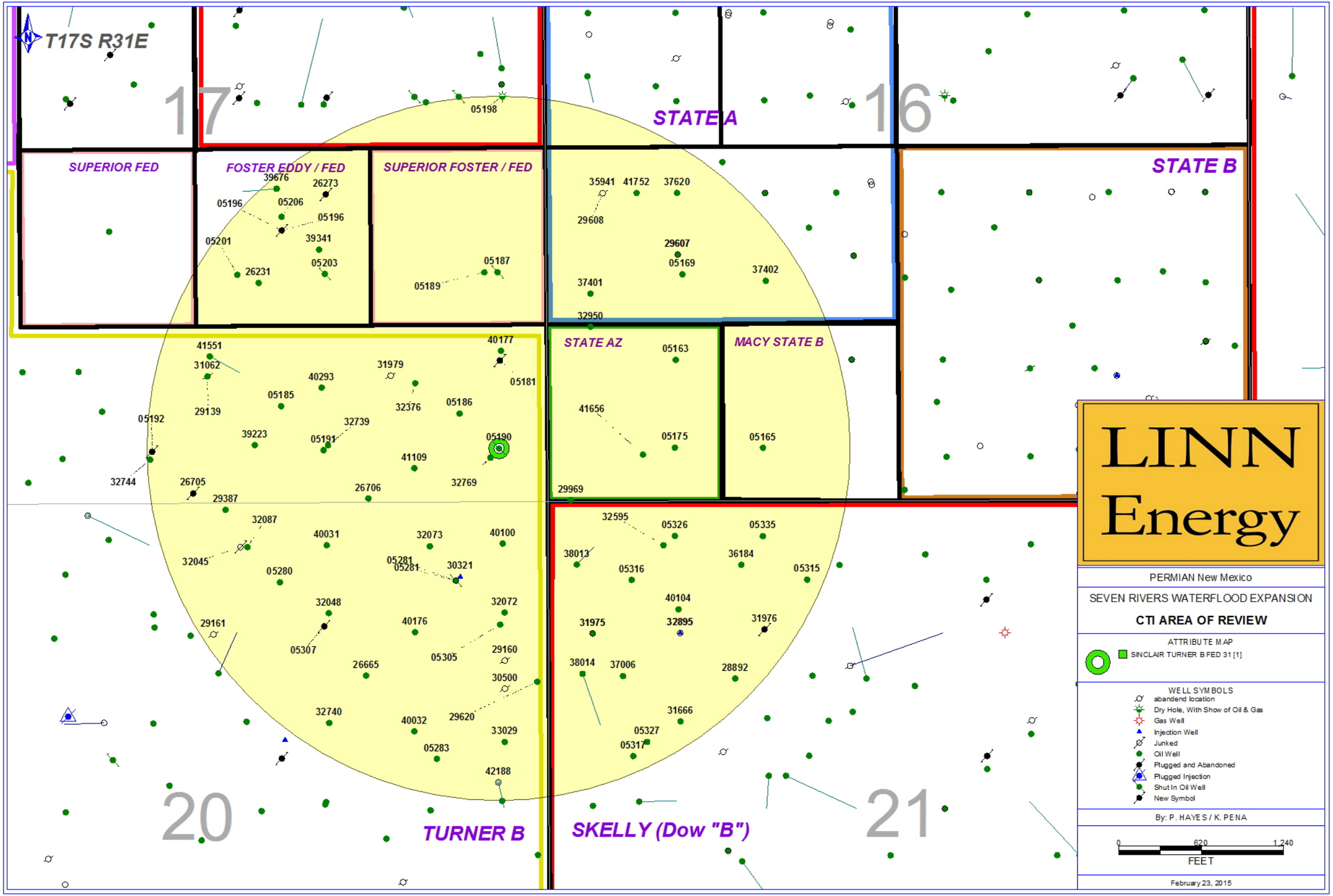
SYMBOL HIGHLIGHT

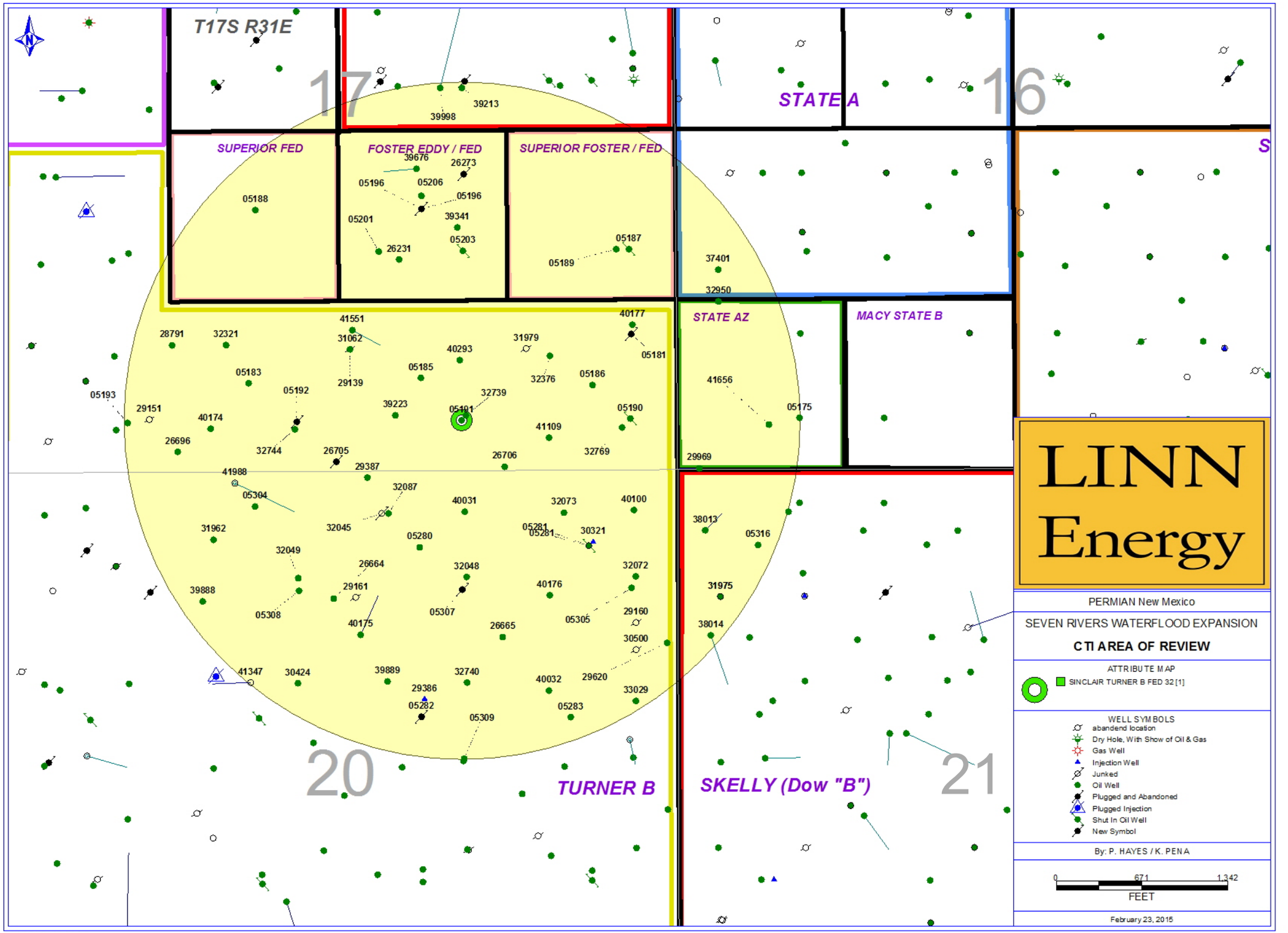
7 RIV CTI CAND_PHASE I_C-108

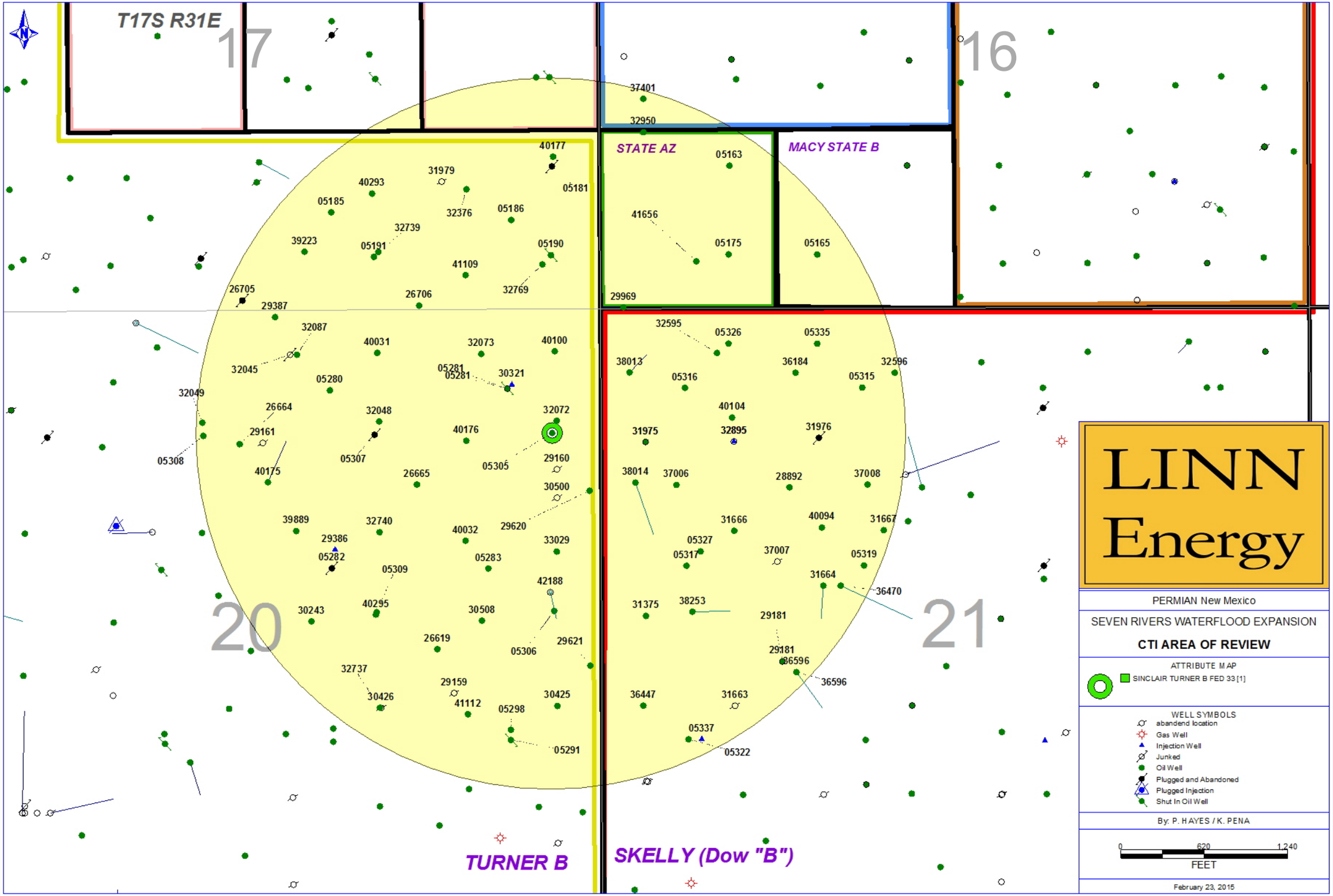
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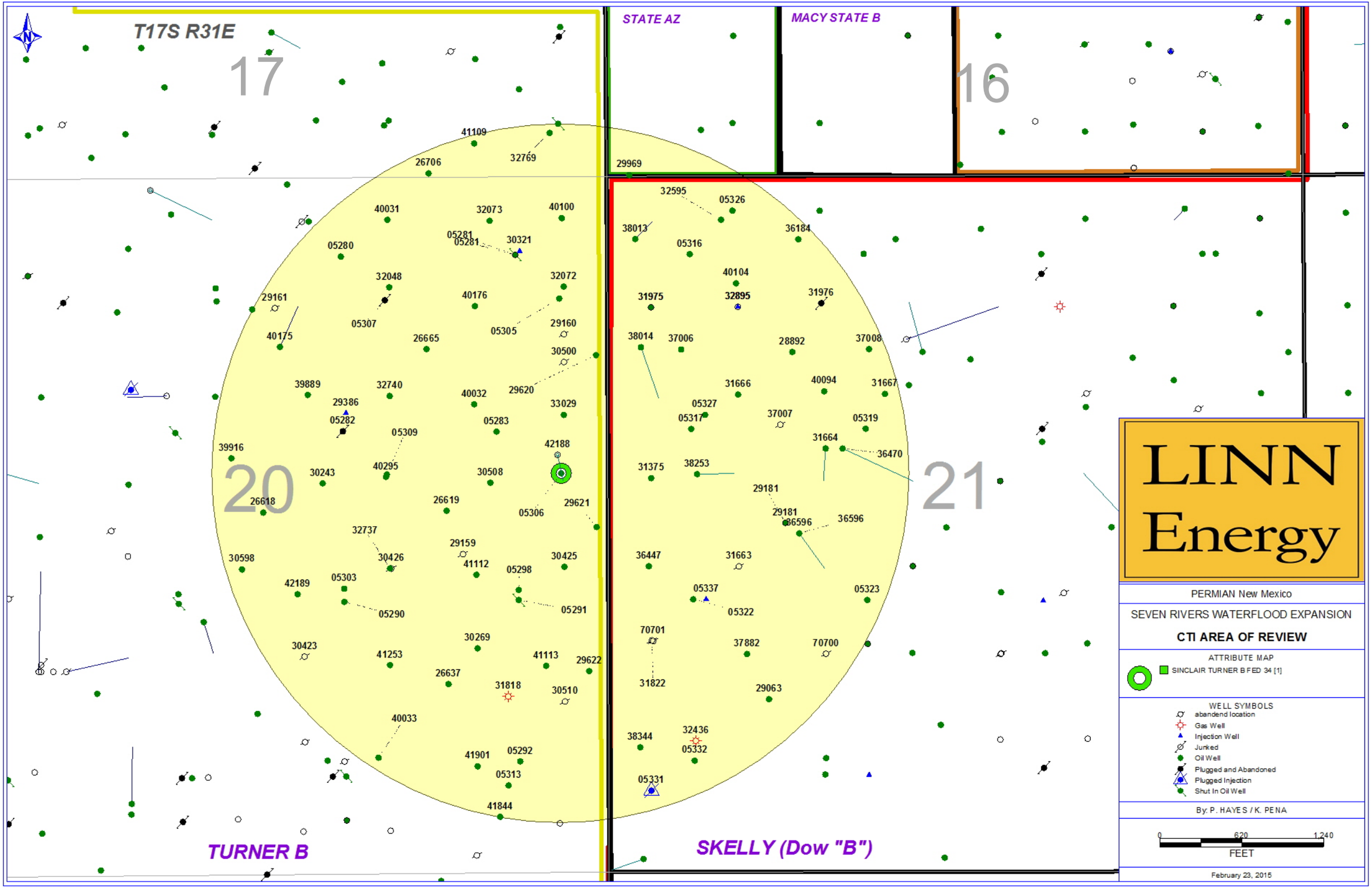


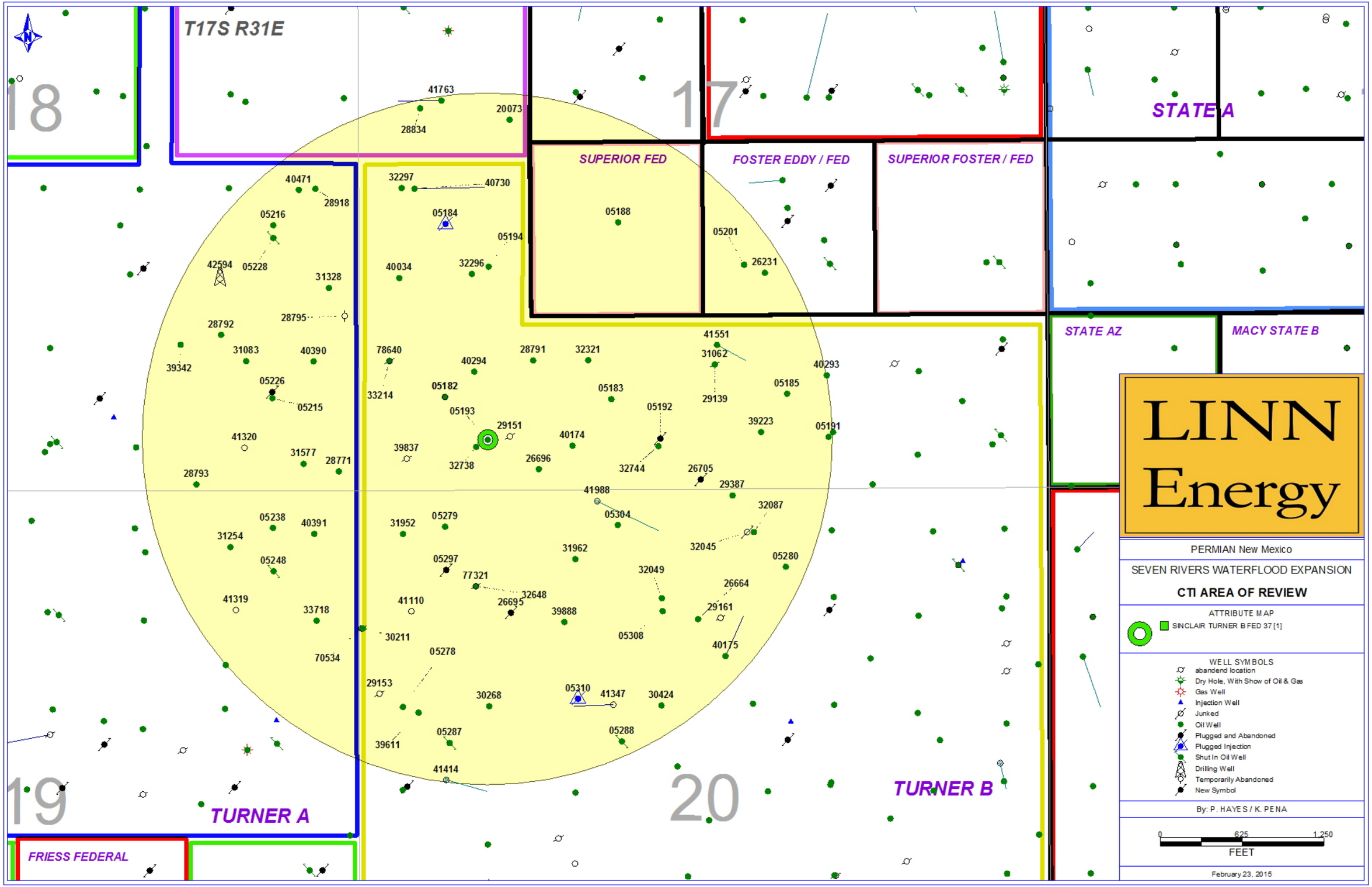
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T17S R31E
17
16
20
21
STATE A
STATE B
SUPERIOR FED
FOSTER EDDY / FED
SUPERIOR FOSTER / FED
STATE AZ
MACY STATE B
TURNER B
SKELLY (Dow "B")
05198
39676
26273
05196
05206
05196
39341
05201
05203
26231
05187
05189
35941
41752
37620
29608
29607
05169
37402
37401
32950
05163
41656
05175
05165
29969
41551
31062
40293
31979
40177
05181
05185
32376
05186
29139
05192
32739
39223
05191
05190
41109
32744
26705
26706
32769
29387
32087
40031
32073
40100
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05281
05281
30321
05280
32048
32072
29161
40176
05307
05305
29160
26665
30500
32740
40032
29620
33029
05283
42188
32595
05326
05335
38013
36184
05316
05315
40104
31975
32895
31976
38014
37006
28892
31666
05327
05317
LINN Energy
PERMIAN New Mexico
SEVEN RIVERS WATERFLOOD EXPANSION
CTI AREA OF REVIEW
ATTRIBUTE MAP
SINCLAIR TURNER B FED 31 [1]
WELL SYMBOLS
abandend location
Dry Hole, With Show of Oil & Gas
Gas Well
Injection Well
Junked
Oil Well
Plugged and Abandoned
Plugged Injection
Shut In Oil Well
New Symbol
By: P. HAYES / K. PENA
0
620
1,240
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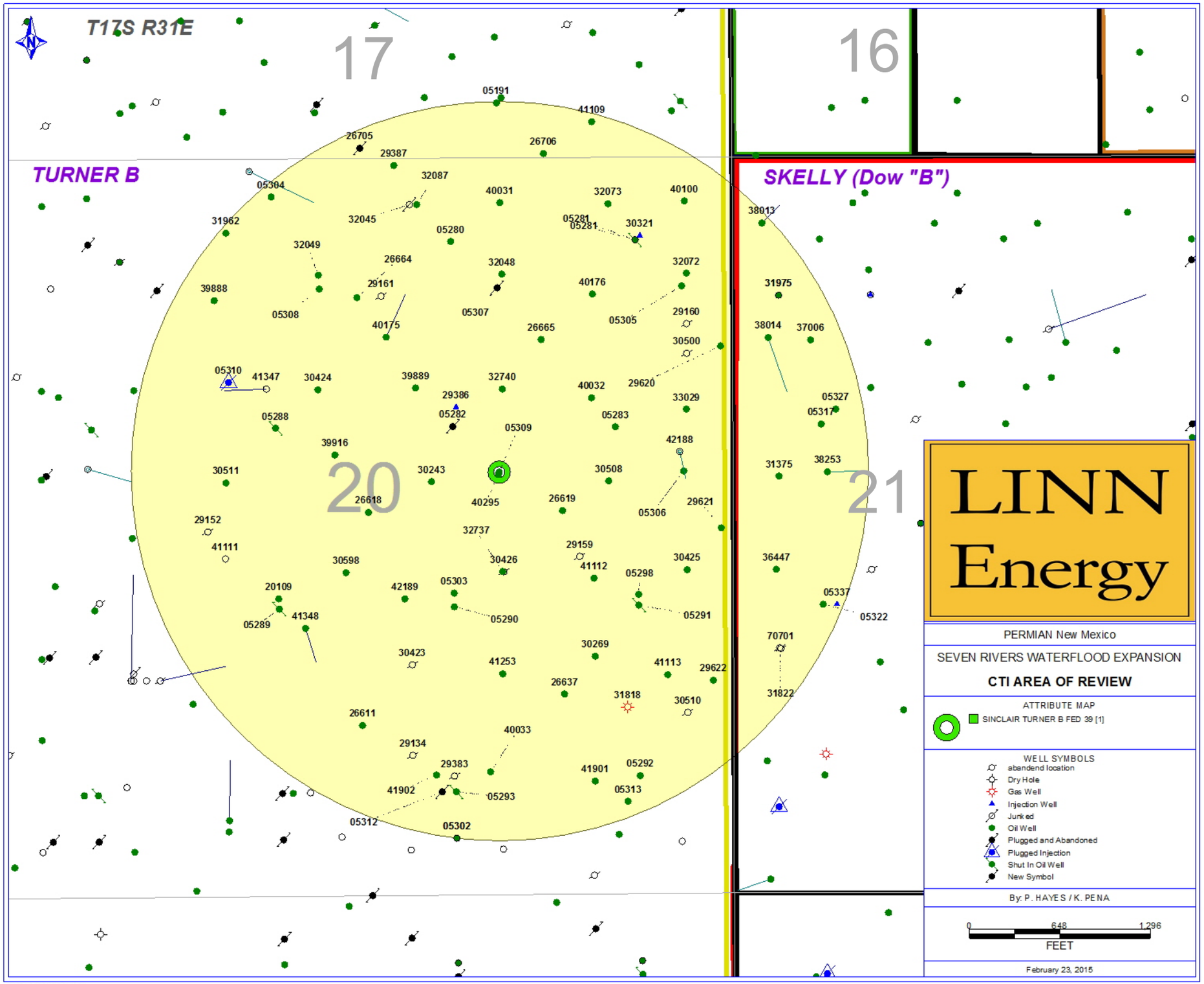

T17S R31E
17
16
20
21
STATE A
SUPERIOR FED
FOSTER EDDY / FED
SUPERIOR FOSTER / FED
STATE AZ
MACY STATE B
TURNER B
SKELLY (Dow "B")
LINN Energy
PERMIAN New Mexico
SEVEN RIVERS WATERFLOOD EXPANSION
CTI AREA OF REVIEW
ATTRIBUTE MAP
SINCLAIR TURNER B FED 32 [1]
WELL SYMBOLS
abandend location
Dry Hole, With Show of Oil & Gas
Gas Well
Injection Well
Junked
Oil Well
Plugged and Abandoned
Plugged Injection
Shut In Oil Well
New Symbol
By: P. HAYES / K. PENA
0
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FEET
February 23, 2015


T17S R31E
17
16
20
21
STATE AZ
MACY STATE B
TURNER B
SKELLY (Dow "B")
37401
32950
05163
41656
05175
05165
29969
40177
31979
40293
05181
05185
32376
05186
32739
39223
05191
05190
41109
26705
26706
32769
29387
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40100
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05319
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36470
31375
38253
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29181
36596
36596
36447
31663
05337
05322
LINN Energy
PERMIAN New Mexico
SEVEN RIVERS WATERFLOOD EXPANSION
CTI AREA OF REVIEW
ATTRIBUTE MAP
SINCLAIR TURNER B FED 33 [1]
WELL SYMBOLS
abandend location
Gas Well
Injection Well
Junked
Oil Well
Plugged and Abandoned
Plugged Injection
Shut In Oil Well
By: P. HAYES / K. PENA
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February 23, 2015
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T17S R31E
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16
20
21
STATE AZ
MACY STATE B
29969
TURNER B
SKELLY (Dow "B")
41109
26706
32769
40031
32073
40100
05281
05281
30321
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32048
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05322
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37882
70700
31822
29063
38344
32436
05332
05331
LINN Energy
PERMIAN New Mexico
SEVEN RIVERS WATERFLOOD EXPANSION
CTI AREA OF REVIEW
ATTRIBUTE MAP
SINCLAIR TURNER B FED 34 [1]
WELL SYMBOLS
abandend location
Gas Well
Injection Well
Junked
Oil Well
Plugged and Abandoned
Plugged Injection
Shut In Oil Well
By: P. HAYES / K. PENA
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February 23, 2015
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LINN Energy

PERMIAN New Mexico

SEVEN RIVERS WATERFLOOD EXPANSION

CTI AREA OF REVIEW

ATTRIBUTE MAP

SINCLAIR TURNER B FED 39 [1]

WELL SYMBOLS

- abandend location
- Dry Hole
- Gas Well
- Injection Well
- Junked
- Oil Well
- Plugged and Abandoned
- Plugged Injection
- Shut In Oil Well
- New Symbol

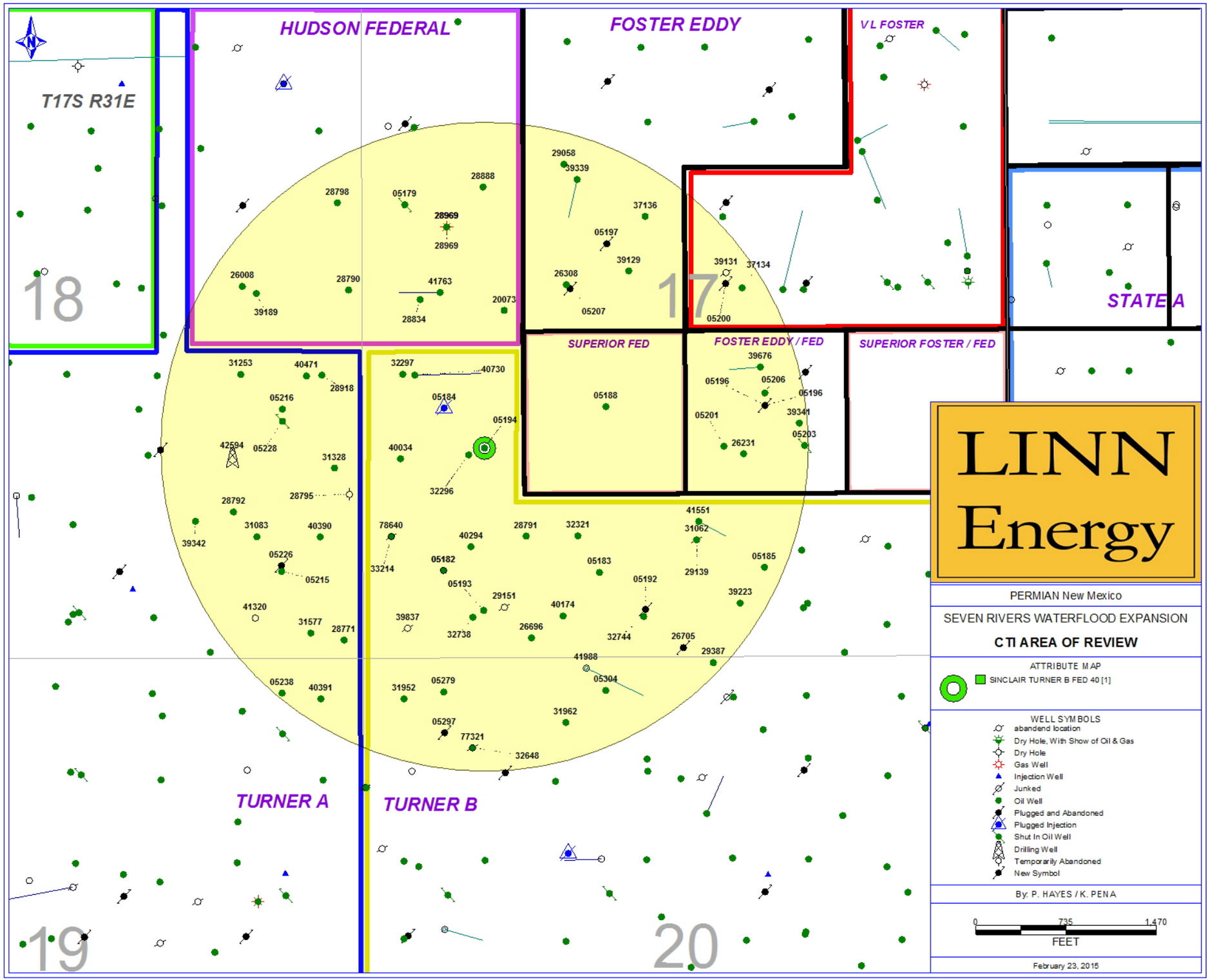
By: P. HAYES / K. PENA

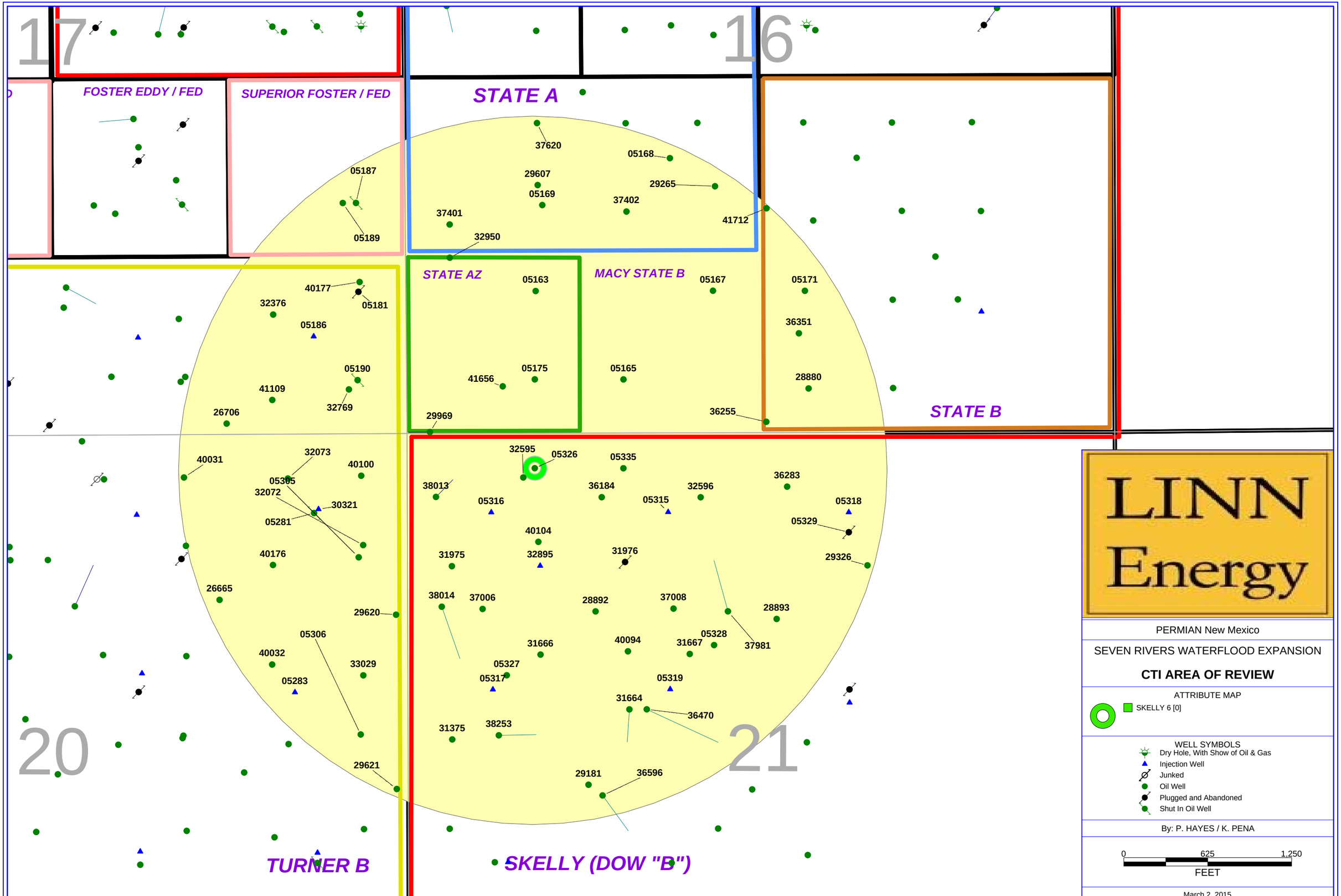
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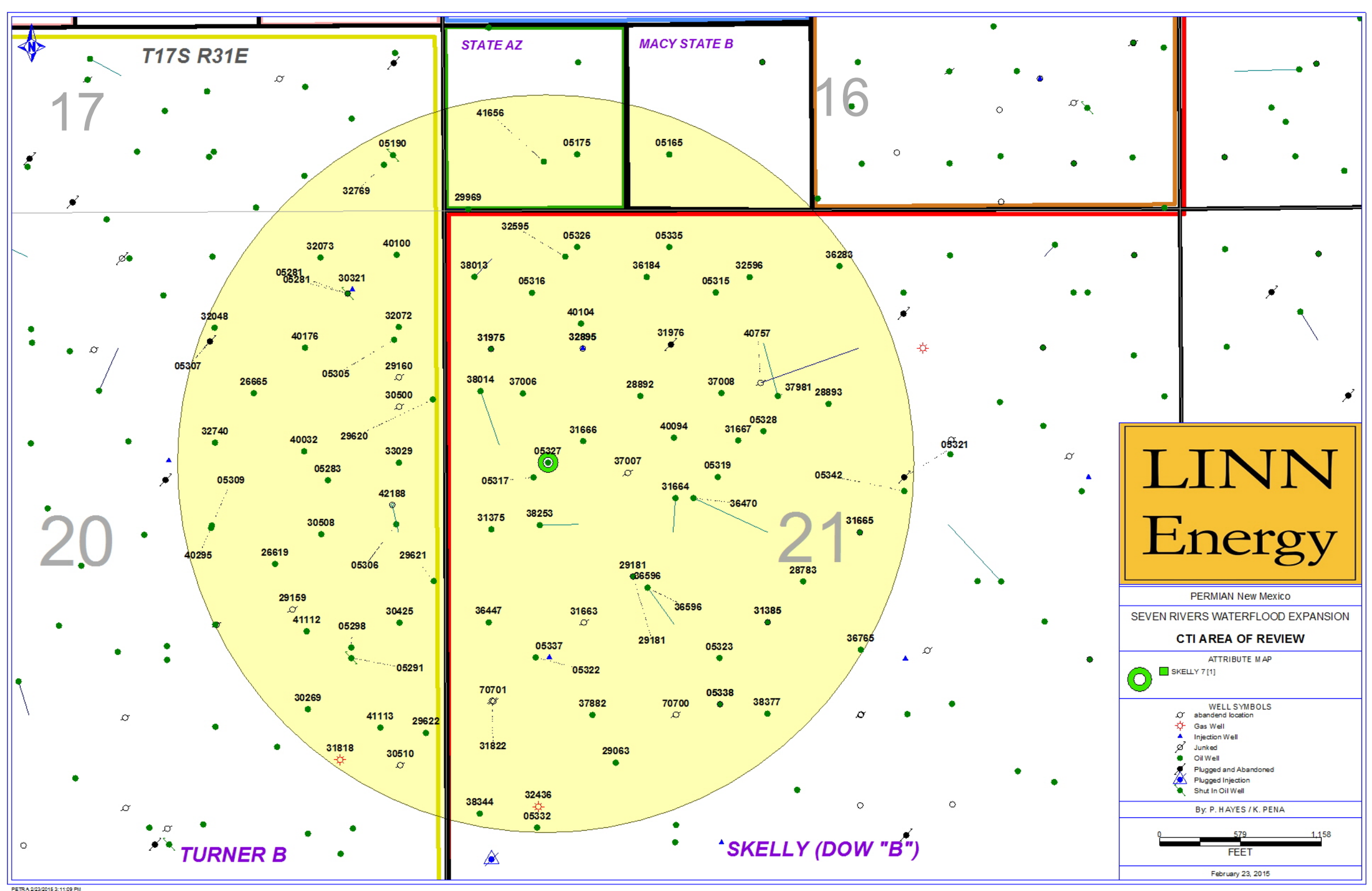
February 23, 2015

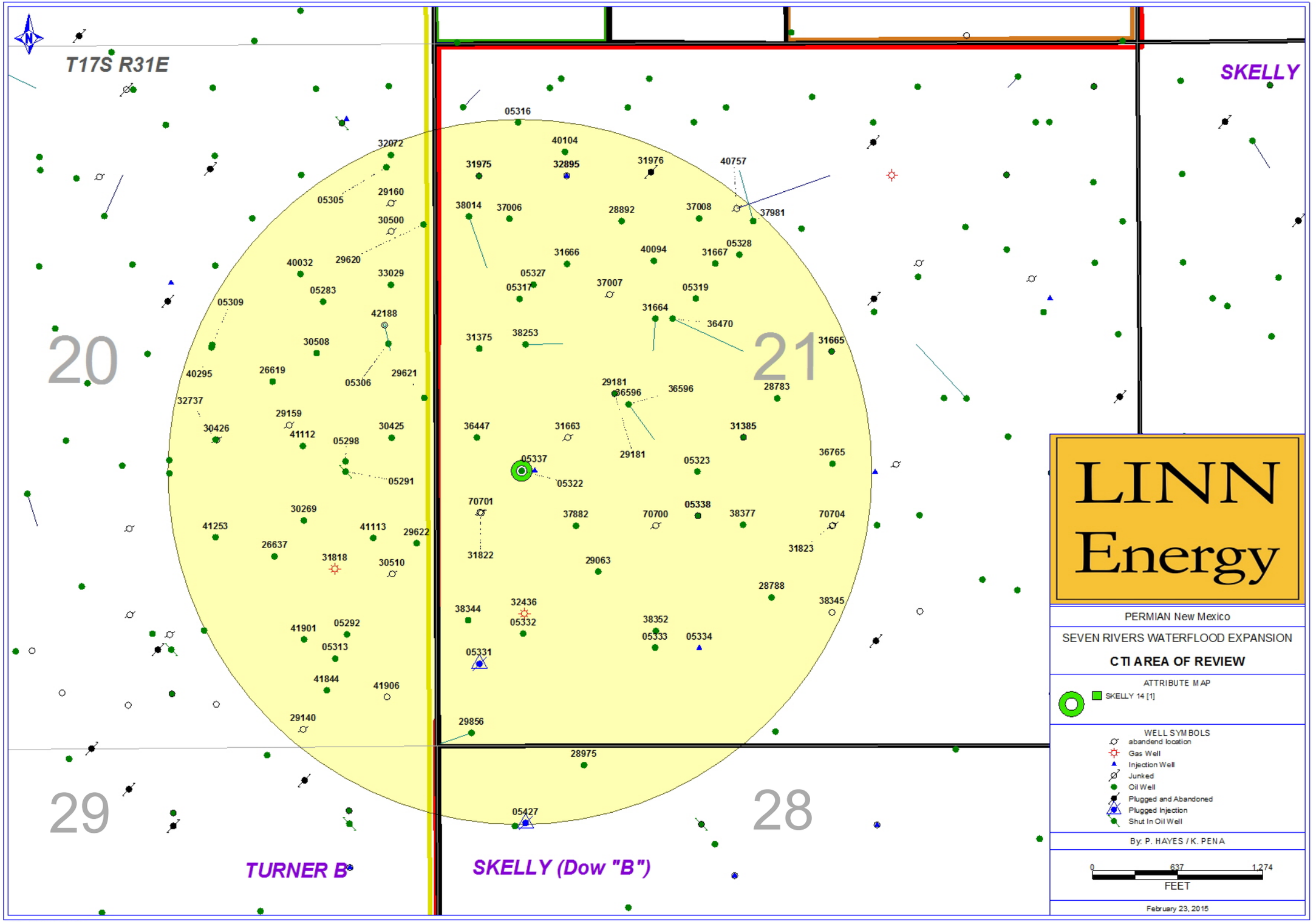
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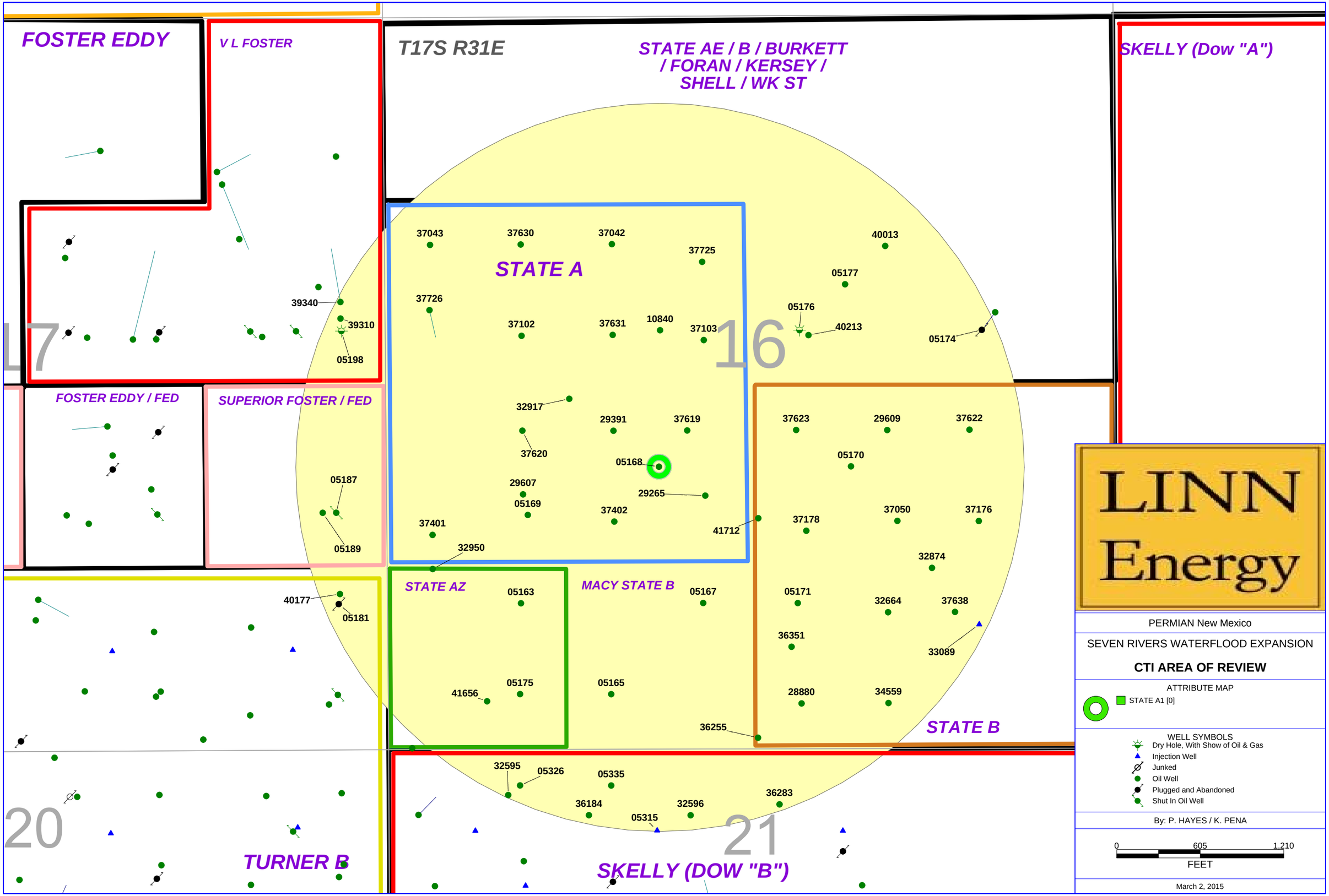

HUDSON FEDERAL
FOSTER EDDY
VL FOSTER
T17S R31E
18
17
STATE A
SUPERIOR FED
FOSTER EDDY / FED
SUPERIOR FOSTER / FED
TURNER A
TURNER B
19
20
LINN Energy
PERMIAN New Mexico
SEVEN RIVERS WATERFLOOD EXPANSION
CTI AREA OF REVIEW
ATTRIBUTE MAP
SINCLAIR TURNER B FED 40 [1]
WELL SYMBOLS
abandend location
Dry Hole, With Show of Oil & Gas
Dry Hole
Gas Well
Injection Well
Junked
Oil Well
Plugged and Abandoned
Plugged Injection
Shut In Oil Well
Drilling Well
Temporarily Abandoned
New Symbol
By: P. HAYES / K. PENA
0
735
1,470
FEET
February 23, 2015



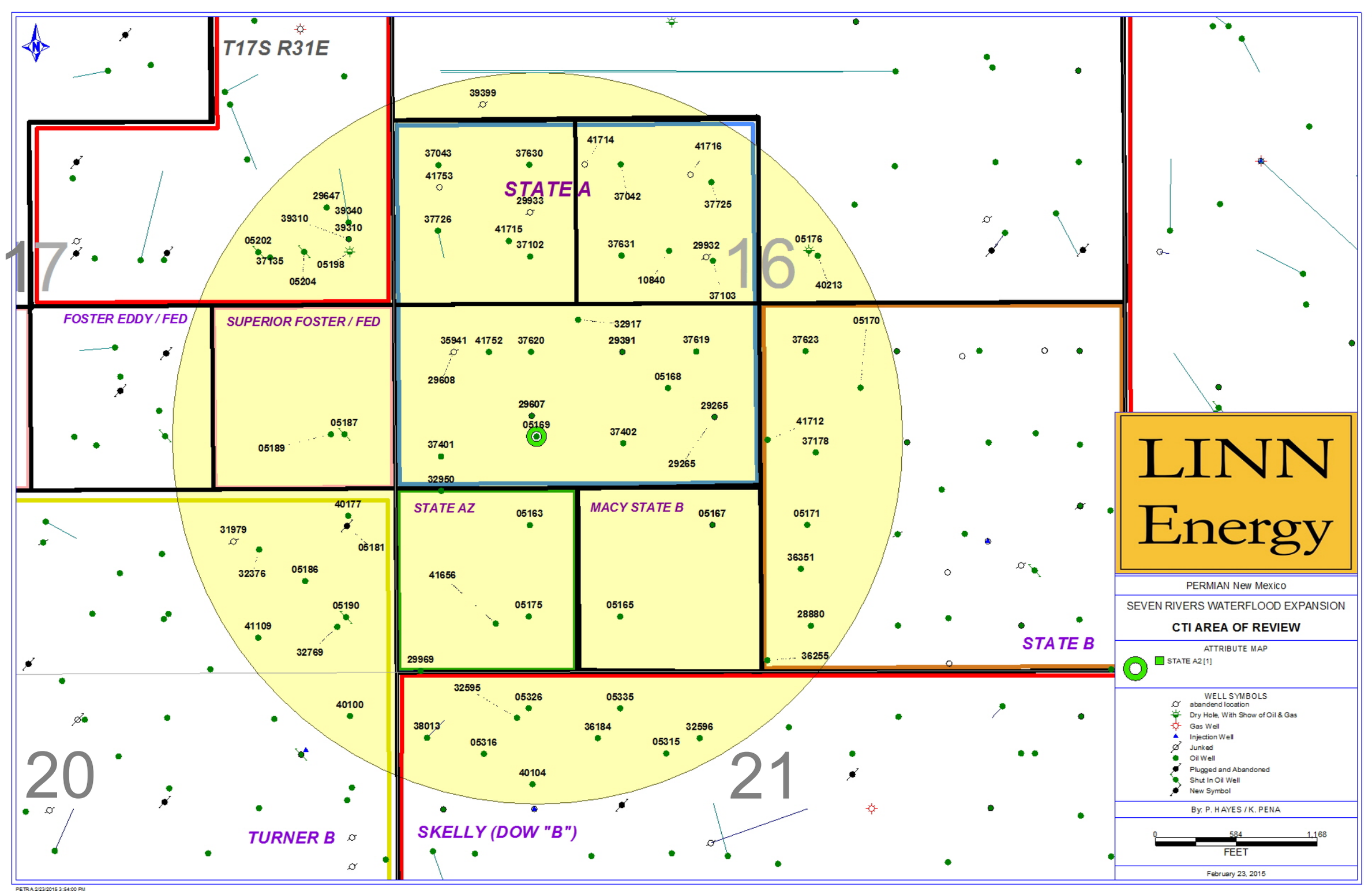
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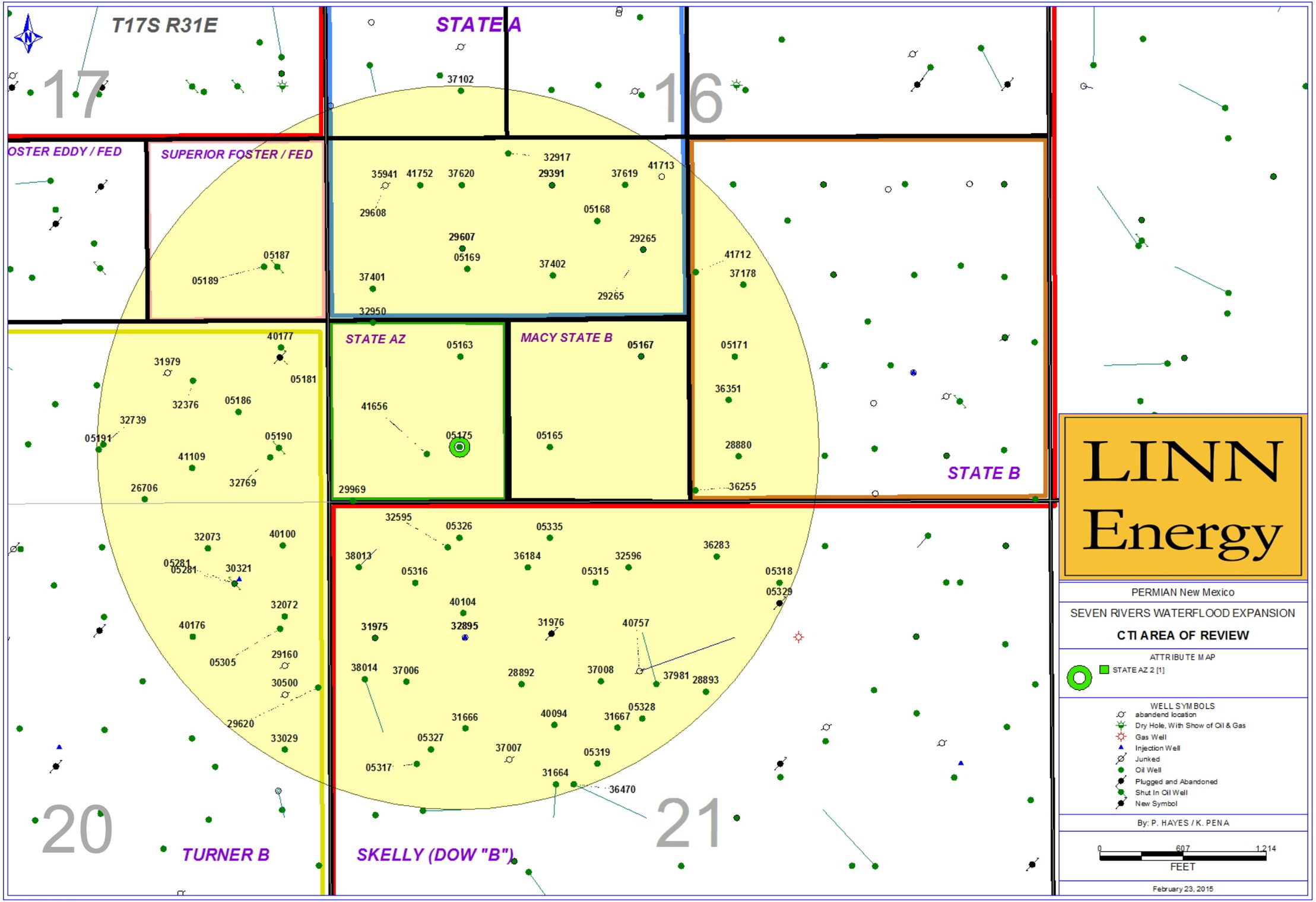

T17S R31E
17
16
20
21
STATE AZ
MACY STATE B
TURNER B
SKELLY (DOW "B")
41656
05175
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29969
05190
32769
32595
05326
05335
38013
36184
32596
36283
05316
05315
40104
32073
40100
05281
05281
30321
32048
32072
40176
31975
32895
31976
40757
05307
05305
29160
26665
38014
37006
28892
37008
37981
28893
30500
05328
32740
40032
29620
31666
40094
31667
33029
05327
05321
05283
37007
05319
05309
05317
05342
42188
31664
36470
31375
38253
31665
30508
40295
26619
05306
29621
29181
36596
28783
29159
36596
36447
31663
31385
30425
41112
05298
29181
36765
05337
05323
05291
05322
70701
05338
30269
37882
70700
38377
41113
29622
31822
31818
29063
30510
38344
32436
05332
LINN Energy
PERMIAN New Mexico
SEVEN RIVERS WATERFLOOD EXPANSION
CTI AREA OF REVIEW
ATTRIBUTE MAP
SKELLY 7 [1]
WELL SYMBOLS
abandend location
Gas Well
Injection Well
Junked
Oil Well
Plugged and Abandoned
Plugged Injection
Shut In Oil Well
By: P. HAYES / K. PENA
0
579
1,158
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February 23, 2015
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T17S R31E
SKELLY
20
21
29
28
TURNER B
SKELLY (Dow "B")
05316
40104
32072
31975
32895
31976
40757
29160
05305
38014
37006
28892
37008
37981
30500
05328
40032
29620
31666
40094
31667
33029
05327
05317
37007
05319
05283
05309
31664
36470
42188
31375
38253
31665
30508
40295
26619
29621
05306
29181
36596
36596
28783
32737
29159
36447
31663
31385
30426
41112
30425
05298
29181
36765
05337
05323
05322
05291
70701
05338
30269
37882
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41113
29622
26637
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31823
31818
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29063
28788
38345
32436
38344
05332
38352
05292
41901
05333
05334
05313
05331
41844
41906
29140
29856
28975
05427
LINN Energy
PERMIAN New Mexico
SEVEN RIVERS WATERFLOOD EXPANSION
CTI AREA OF REVIEW
ATTRIBUTE MAP
SKELLY 14 [1]
WELL SYMBOLS
abandend location
Gas Well
Injection Well
Junked
Oil Well
Plugged and Abandoned
Plugged Injection
Shut In Oil Well
By: P. HAYES / K. PENA
0
637
1,274
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February 23, 2015
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T17S R31E
17
16
20
21
STATE A
FOSTER EDDY / FED
SUPERIOR FOSTER / FED
STATE AZ
MACY STATE B
STATE B
TURNER B
SKELLY (DOW "B")
39399
37043
37630
41753
29933
37726
41715
37102
41714
41716
37042
37725
37631
29932
10840
37103
05176
40213
29647
39340
39310
39310
05202
37135
05198
05204
32917
35941
41752
37620
29391
37619
29608
05168
29607
05169
29265
37402
37401
29265
32950
05170
37623
41712
37178
05187
05189
40177
31979
05181
32376
05186
05190
41109
32769
40100
05163
41656
05175
29969
05167
05165
05171
36351
28880
36255
32595
05326
05335
38013
36184
32596
05316
05315
40104
LINN Energy
PERMIAN New Mexico
SEVEN RIVERS WATERFLOOD EXPANSION
CTI AREA OF REVIEW
ATTRIBUTE MAP
STATE A2 [1]
WELL SYMBOLS
abandend location
Dry Hole, With Show of Oil & Gas
Gas Well
Injection Well
Junked
Oil Well
Plugged and Abandoned
Shut In Oil Well
New Symbol
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1,168
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February 23, 2015
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LINN Energy

PERMIAN New Mexico

SEVEN RIVERS WATERFLOOD EXPANSION

CTI AREA OF REVIEW

ATTRIBUTE MAP

STATE AZ 2 [1]

WELL SYMBOLS

- abandend location
- Dry Hole, With Show of Oil & Gas
- Gas Well
- Injection Well
- Junked
- Oil Well
- Plugged and Abandoned
- Shut In Oil Well
- New Symbol

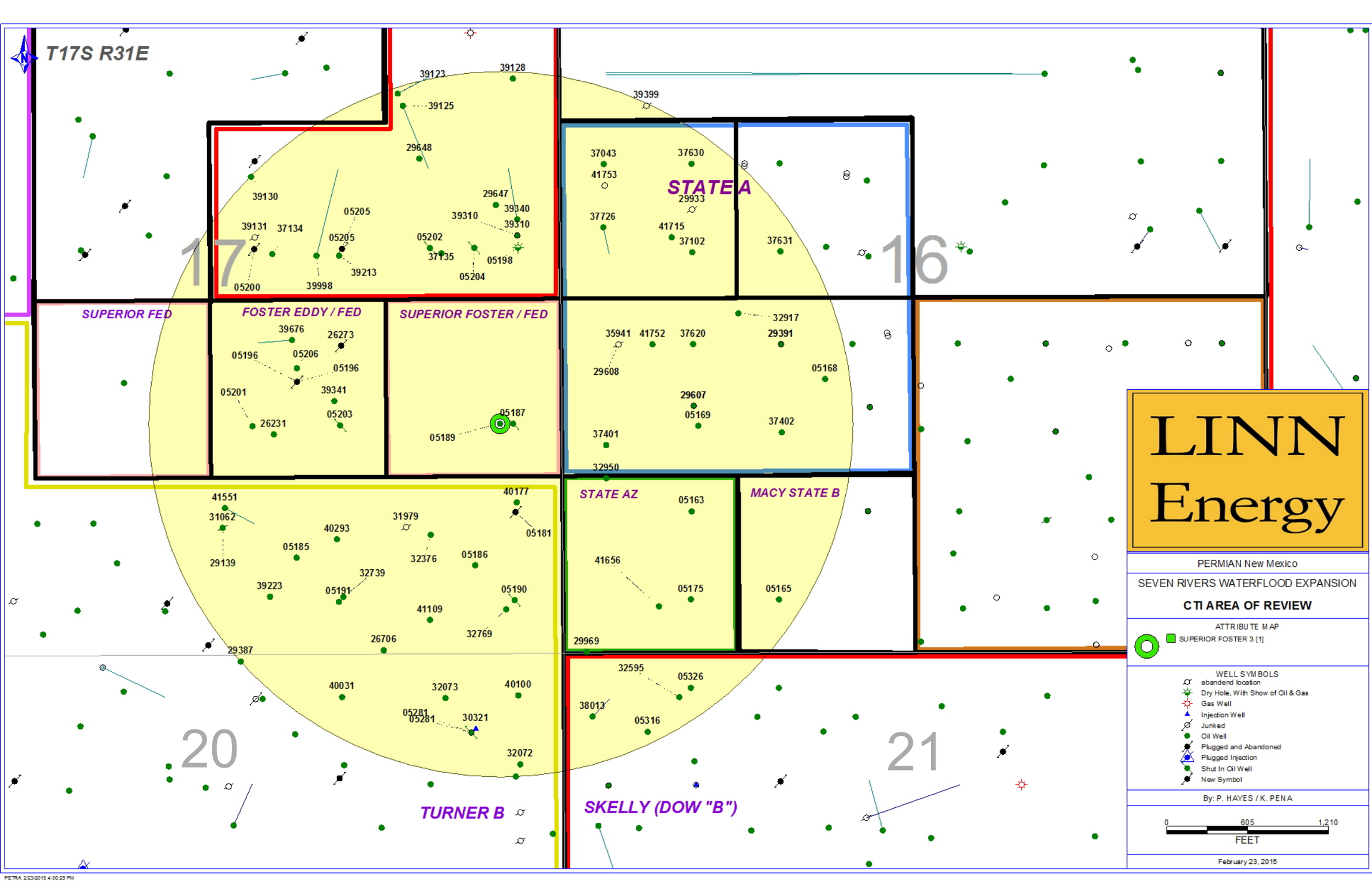
By: P. HAYES / K. PENA

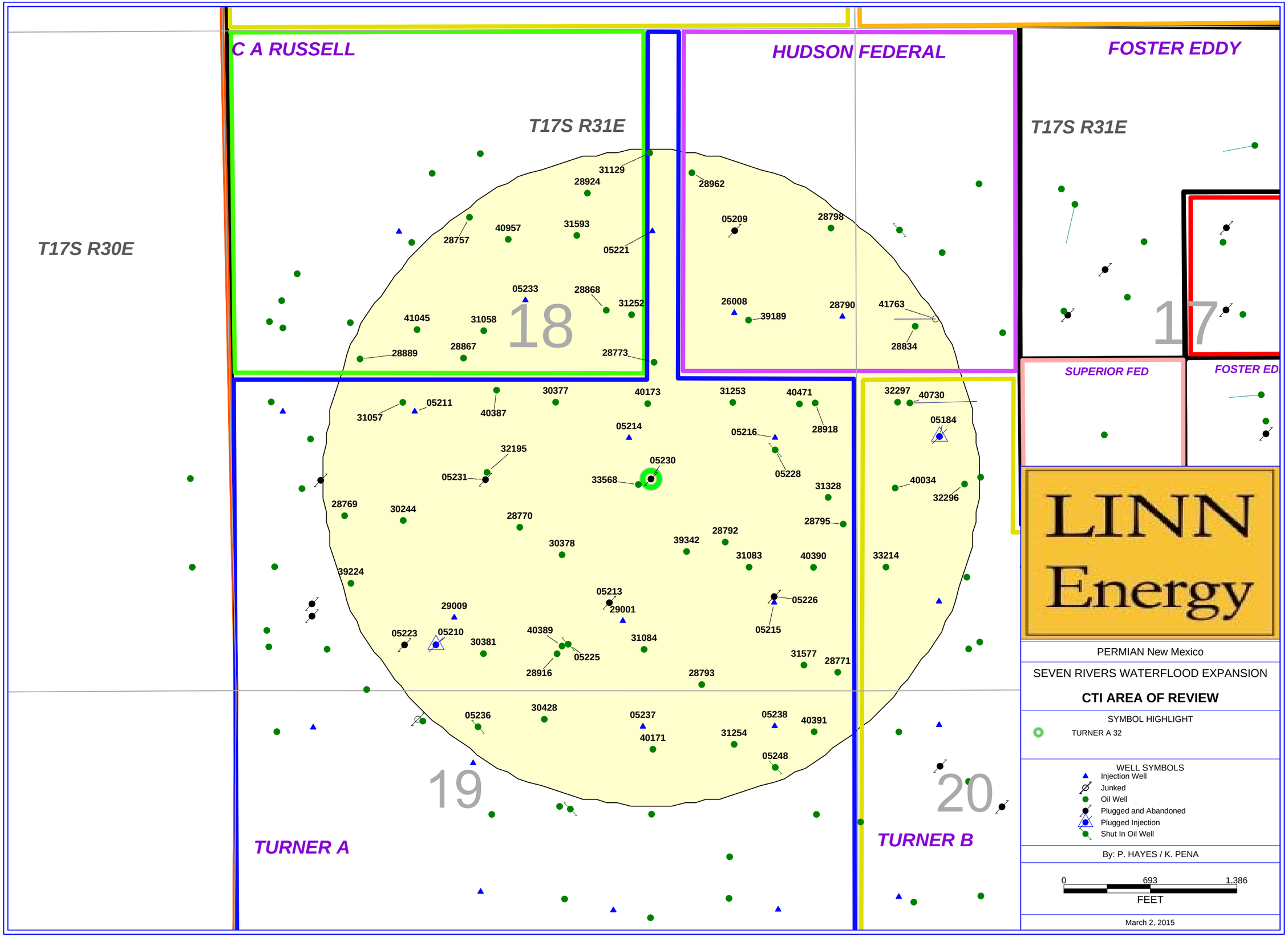
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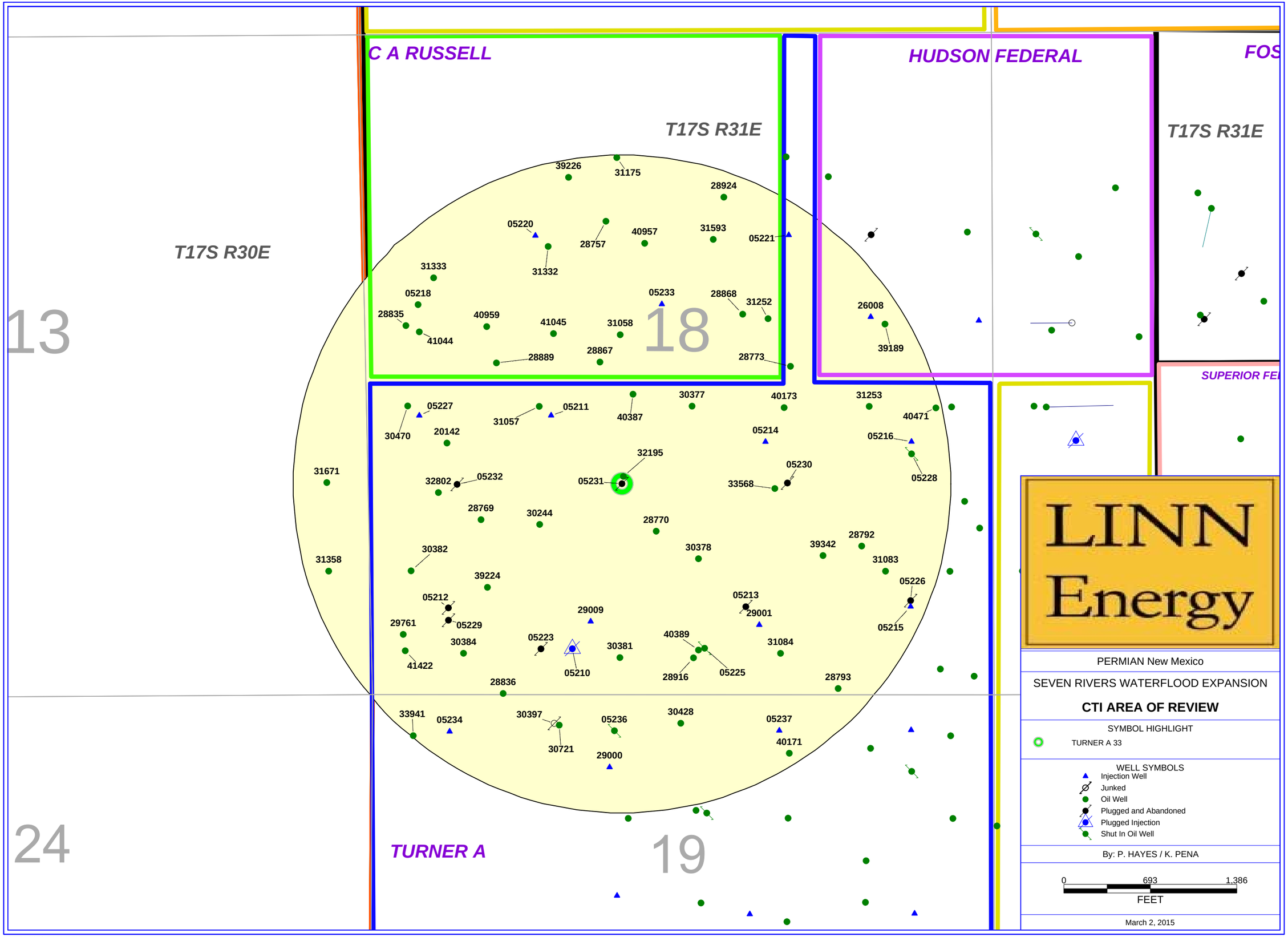
February 23, 2015

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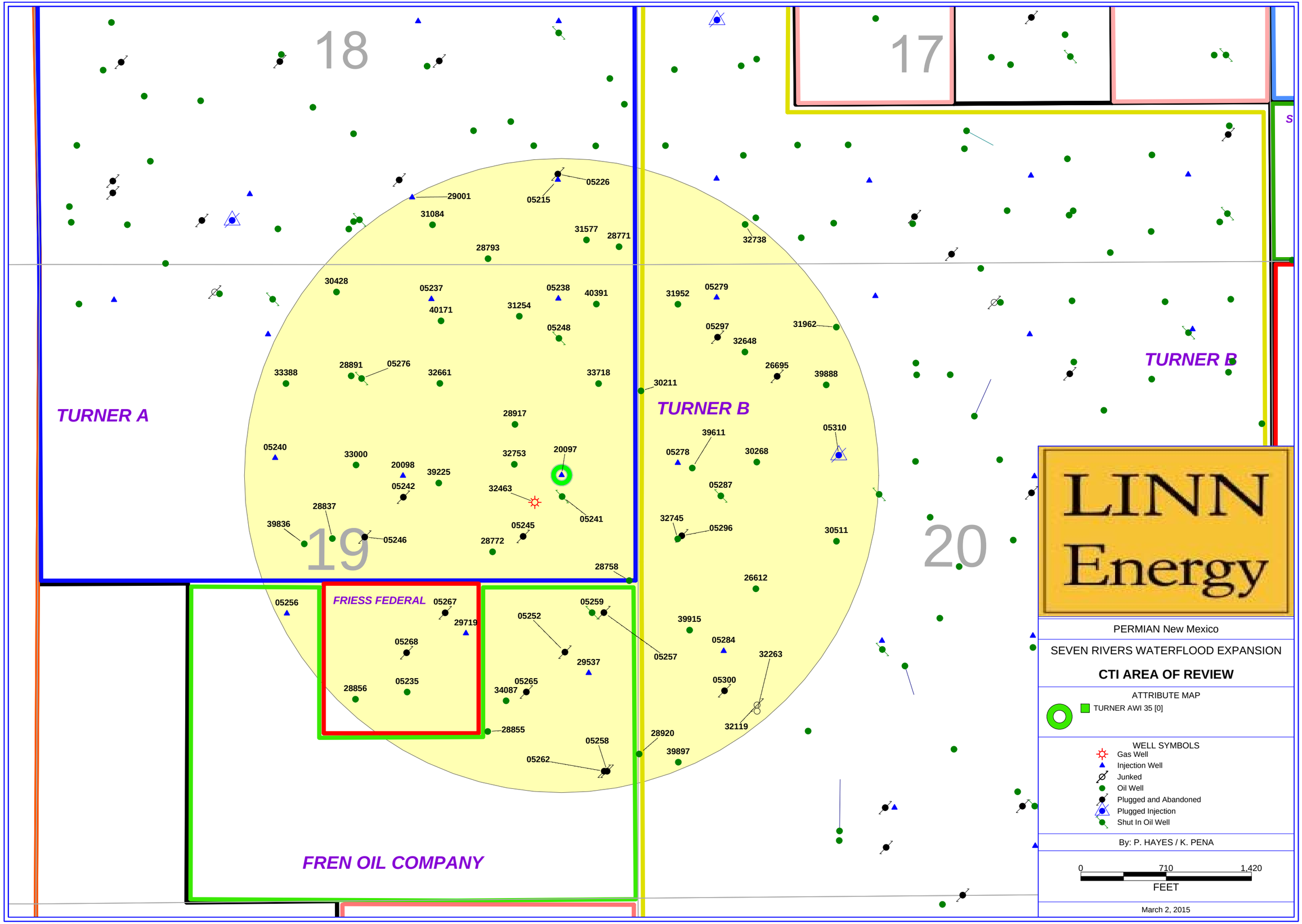

T17S R31E
17
16
20
21
STATE A
SUPERIOR FED
FOSTER EDDY / FED
SUPERIOR FOSTER / FED
STATE AZ
MACY STATE B
TURNER B
SKELLY (DOW "B")
39123
39128
39125
39399
29648
39130
29647
39340
39310
39131
37134
05205
05202
37135
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37043
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29933
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26273
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39341
05203
26231
40177
41551
31062
40293
31979
05181
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05191
05190
41109
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26706
29387
40031
32073
40100
05281
30321
32072
05163
41656
05175
05165
29969
32595
05326
38013
05316
LINN Energy
PERMIAN New Mexico
SEVEN RIVERS WATERFLOOD EXPANSION
CTI AREA OF REVIEW
ATTRIBUTE MAP
SUPERIOR FOSTER 3 [1]
WELL SYMBOLS
abandend location
Dry Hole, With Show of Oil & Gas
Gas Well
Injection Well
Junked
Oil Well
Plugged and Abandoned
Plugged Injection
Shut In Oil Well
New Symbol
By: P. HAYES / K. PENA
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605
1,210
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February 23, 2015
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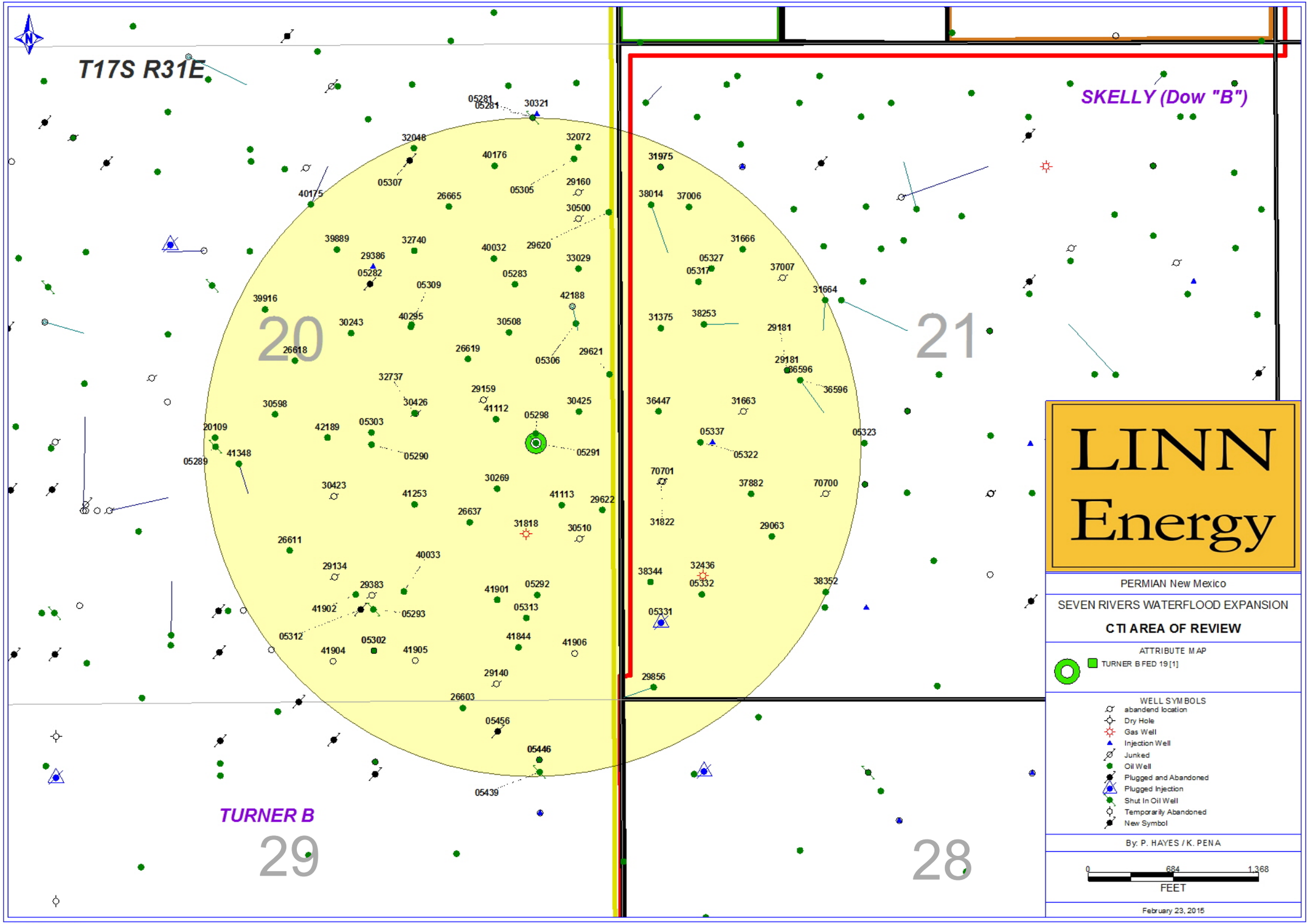


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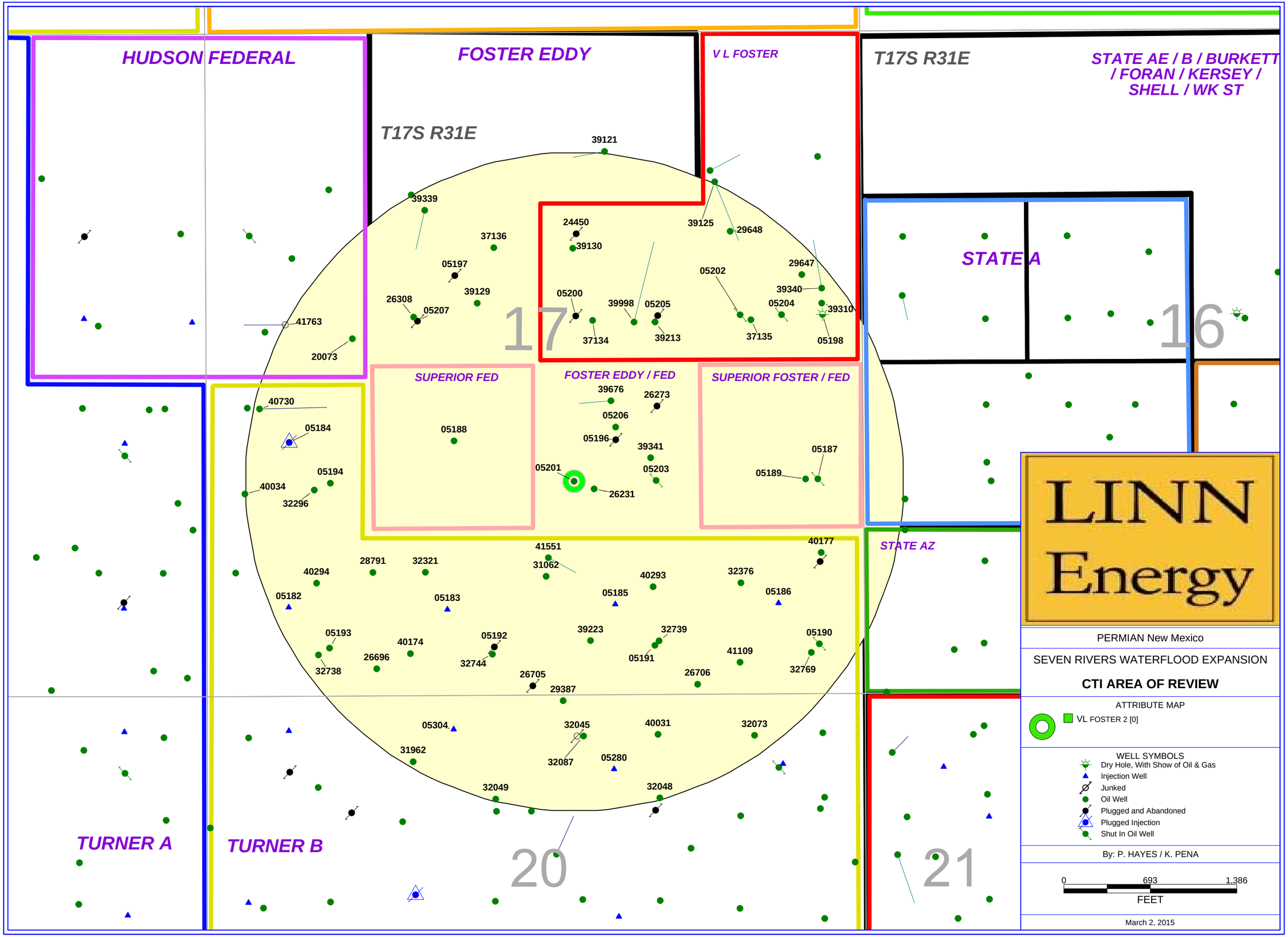


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18
17
19
20
TURNER A
TURNER B
TURNER B
FRIESS FEDERAL
FREN OIL COMPANY
05226
29001
05215
31084
31577
28771
28793
32738
30428
05237
05238
40391
31254
40171
05248
31952
05279
31962
05297
32648
33388
28891
05276
32661
33718
26695
39888
30211
28917
05240
33000
20098
39225
32753
20097
05242
32463
05241
39611
05278
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28837
39836
05246
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30511
28758
26612
05256
05267
29719
05259
05252
05257
39915
05284
05268
29537
32263
05300
28856
05235
05265
34087
32119
28855
28920
05258
05262
39897
LINN Energy
PERMIAN New Mexico
SEVEN RIVERS WATERFLOOD EXPANSION
CTI AREA OF REVIEW
ATTRIBUTE MAP
TURNER AWI 35 [0]
WELL SYMBOLS
Gas Well
Injection Well
Junked
Oil Well
Plugged and Abandoned
Plugged Injection
Shut In Oil Well
By: P. HAYES / K. PENA
0
710
1,420
FEET
March 2, 2015



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EXHIBIT 6: WELL TABULATION DATA

API 10	Well Name	Operator	Orig Spud Date	Measured Depth (ft)	Well Status	Surface Location	N/S Dist (ft)	N/S Ref	E/W Dist (ft)	E/W Ref	String Type	Set Depth (ft)	String OD (in)	Sks Cement	TOC - ft (calculated)
3001505163	**STATE AZ 1**	LINN OPERATING INC	10/24/1937	3,567	Active	S:16, T:17S, R:31E	990	FSL	990	FWL	SURFACE	572	10	55	450
											PRODUCTION	3,053	6 5/8	100	2,660
3001505165	**MACY-STATE B 8571 2**	KERSEY & COMPANY	11/7/1948	2,148	Active	S:16, T:17S, R:31E	330	FSL	1650	FWL	SURFACE	670	8 1/4	50	419
											PRODUCTION	2,050	7	50	1,622
3001505167	**MACY-STATE B 8571 1**	KERSEY & COMPANY	5/9/1940	3,571	Active	S:16, T:17S, R:31E	990	FSL	2310	FWL	SURFACE	633	8 5/8	50	488
											PRODUCTION	2,945	7	150	1,661
3001505168	**STATE A 1**	LINN OPERATING INC	10/30/1936	3,644	Active	S:16, T:17S, R:31E	1980	FSL	1980	FWL	SURFACE	585	8 1/4	30	434
											PRODUCTION	3,510	7	100	2,654
3001505169	**STATE A 2**	LINN OPERATING INC	1/25/1938	3,585	Active	S:16, T:17S, R:31E	1631	FSL	1033	FWL	SURFACE	660	8 1/4	50	409
											PRODUCTION	3,027	7	100	2,171
3001505170	**STATE B 1**	LINN OPERATING INC	3/6/1937	3,707	Active	S:16, T:17S, R:31E	1980	FSL	1930	FEL	SURFACE	633	8 1/4	50	382
											PRODUCTION	3,150	7	35	2,850
3001505171	**STATE B 2**	LINN OPERATING INC	11/5/1940	3,645	Active	S:16, T:17S, R:31E	990	FSL	2310	FEL	SURFACE	585	8 1/4	50	334
											PRODUCTION	2,998	7	100	2,142
3001505175	**STATE AZ 2**	LINN OPERATING INC	7/13/1949	2,158	Active	S:16, T:17S, R:31E	330	FSL	990	FWL	SURFACE	578	8 5/8	155	130
											PRODUCTION	2,040	7	150	756
3001505177	**WK STATE 1**	KERSEY & COMPANY	7/27/1937	3,678	Active	S:16, T:17S, R:31E	1980	FNL	1980	FEL	SURFACE	565	8 1/4	50	314
											PRODUCTION	3,125	6 5/8	100	2,510
3001505182	**TURNER B-FEDERAL-SP 2**	DEVON ENERGY CORPORATION	4/12/1941	3,448	Active	S:17, T:17S, R:31E	660	FSL	660	FWL	SURFACE	554	8	100	130
											INTERMEDIATE	2,935	7	100	2,079
											PRODUCTION	3,435	4 1/2	450	253
											TUBING	2,656	2 3/8		
3001505183	**TURNER B-FEDERAL-SP 4**	LINN OPERATING INC	9/27/1941	3,430	Active	S:17, T:17S, R:31E	660	FSL	1980	FWL	SURFACE	528	8 5/8	50	383
											PRODUCTION	2,905	7	100	2,049
3001505185	**TURNER B-FEDERAL-SP 7**	LINN OPERATING INC	2/5/1942	3,447	Active	S:17, T:17S, R:31E	660	FSL	1970	FEL	SURFACE	552	8 1/4	50	301
											PRODUCTION	2,908	6	50	2,694
3001505186	**TURNER B-FEDERAL-SP 30**	LINN OPERATING INC	9/27/1949	3,507	Active	S:17, T:17S, R:31E	660	FSL	660	FEL	SURFACE	595	8 5/8	50	450
											PRODUCTION	3,253	7	100	2,397
3001505188	**SUPERIOR-FEDERAL 2**	LINN OPERATING INC	7/20/1941	3,492	Active	S:17, T:17S, R:31E	1980	FSL	1980	FWL	SURFACE	555	8 1/4	50	304
											PRODUCTION	3,034	7	100	2,178
3001505189	**SUPERIOR-FOSTER-FED 3**	LINN OPERATING INC	7/4/1950	2,075	Active	S:17, T:17S, R:31E	1650	FSL	455	FEL	SURFACE	520	8 1/4	50	269
											PRODUCTION	1,997	7	100	1,141
3001505201	**FOSTER-FEDERAL 2**	LINN OPERATING INC	9/2/1949	2,081	Active	S:17, T:17S, R:31E	1650	FSL	2310	FEL	SURFACE	506	8 5/8	?	?
											PRODUCTION	1,935	7	50	1,507
3001505203	**FOSTER-FEDERAL 4**	LINN OPERATING INC	12/14/1948	2,029	Active	S:17, T:17S, R:31E	1650	FSL	1650	FEL	SURFACE	491	8 5/8	50	346
											PRODUCTION	1,956	7	150	672
3001505206	**FOSTER-FEDERAL 7**	LINN OPERATING INC	10/9/1951	2,042	Active	S:17, T:17S, R:31E	2080	FSL	1980	FEL	SURFACE	512	8 5/8	50	367
											PRODUCTION	1,983	5 1/2	100	1,632
3001505211	**TURNER A-FEDERAL-SP 3**	LINN OPERATING INC	9/25/1937	3,510	Active	S:18, T:17S, R:31E	2200	FSL	1497	FWL	SURFACE	562	8 1/4	50	311
											PRODUCTION	3,090	7	100	2,234
3001505214	**TURNER A-FEDERAL-SP 10**	LINN OPERATING INC	2/3/1941	3,465	Active	S:18, T:17S, R:31E	1980	FSL	1830	FEL	SURFACE	560	8 5/8	50	415
											PRODUCTION	2,967	7	100	2,111
3001505215	**TURNER A-FEDERAL-SP 11**	LINN OPERATING INC	1/28/1941	3,390	Active	S:18, T:17S, R:31E	660	FSL	660	FEL	SURFACE	550	8 1/4	50	299
											PRODUCTION	2,950	7	100	2,094
3001505216	**TURNER A-FEDERAL-SP 13**	LINN OPERATING INC	9/14/1941	3,458	Active	S:18, T:17S, R:31E	1980	FSL	660	FEL	SURFACE	516	8 1/4	50	265
											PRODUCTION	2,910	7	100	2,054
3001505218	**CA RUSSELL-FEDERAL 5**	LINN OPERATING INC	3/13/1930	3,545	Active	S:18, T:17S, R:31E	2200	FNL	440	FWL	SURFACE	534	12 1/2	25	464
											INTERMEDIATE	1,387	10	105	480
											PRODUCTION	3,214	6 5/8	Landed	0
3001505220	**CA RUSSELL-FEDERAL 7**	LINN OPERATING INC	1/23/1937	3,535	Active	S:18, T:17S, R:31E	1650	FNL	1384	FWL	SURFACE	536	8 1/4	50	285
											PRODUCTION	3,184	7	100	2,328
3001505221	**CA RUSSELL-FEDERAL 8**	LINN OPERATING INC	2/23/1940	3,497	Active	S:18, T:17S, R:31E	1650	FNL	1650	FEL	SURFACE	600	10	50	489

EXHIBIT 6: WELL TABULATION DATA

											PRODUCTION	2,880	7	100	2,476
3001505227	**TURNER A-FEDERAL-SP 2**	LINN OPERATING INC	9/18/1929	3,600	Active	S:18, T:17S, R:31E	2200	FSL	440	FWL	SURFACE	535	12 1/2	25	465
											INTERMEDIATE	1,384	10	25	1,328
											INTERMEDIATE	2,250	8 1/4	?	?
											PRODUCTION	3,270	6 5/8	none (packer)	
3001505233	**CA RUSSELL-FEDERAL 10**	LINN OPERATING INC	12/11/1949	3,510	Active	S:18, T:17S, R:31E	2200	FNL	2665	FEL	SURFACE	1,250	8 5/8	50	1,105
											PRODUCTION	3,280	7	100	2,424
3001505234	**TURNER A-FEDERAL SP 5**	LINN OPERATING INC	7/20/1939	3,518	Active	S:19, T:17S, R:31E	330	FNL	660	FWL	SURFACE	550	8 5/8	50	405
											PRODUCTION	3,008	7	100	2,152
3001505237	**TURNER A-FEDERAL SP 9**	LINN OPERATING INC	8/8/1940	3,422	Active	S:19, T:17S, R:31E	330	FNL	3300	FWL	SURFACE	540	8 1/4	50	289
											PRODUCTION	2,915	6 5/8	100	2,300
3001505238	**TURNER A-FEDERAL SP 12**	LINN OPERATING INC	6/14/1941	3,399	Active	S:19, T:17S, R:31E	330	FNL	660	FEL	SURFACE	512	8 1/4	50	261
											PRODUCTION	2,960	7	100	2,104
3001505240	**TURNER A-FEDERAL SP 15**	LINN OPERATING INC	10/6/1941	3,444	Active	S:19, T:17S, R:31E	1650	FNL	1980	FWL	SURFACE	500	8 5/8	50	355
											PRODUCTION	2,910	7	100	2,054
3001505256	**FRIESS-FEDERAL 8**	LINN OPERATING INC	11/26/1946	3,615	Active	S:19, T:17S, R:31E	2310	FSL	2970	FEL	SURFACE	509	8 5/8	50	364
											INTERMEDIATE	1,765	7	125	695
											PRODUCTION	3,615	4 1/2	275	1,670
3001505278	**TURNER B-FEDERAL SP 42**	LINN OPERATING INC	10/20/1953	3,430	Active	S:20, T:17S, R:31E	660	FNL	330	FWL	SURFACE	425	8 5/8	50	280
											PRODUCTION	3,430	5 1/2	200	2,729
3001505279	**TURNER B-FEDERAL SP 3**	LINN OPERATING INC	6/27/1941	3,432	Active	S:20, T:17S, R:31E	330	FNL	660	FWL	SURFACE	535	8 1/4	50	284
											PRODUCTION	2,890	7	100	2,034
3001505280	**TURNER B-FEDERAL SP 8**	LINN OPERATING INC	7/8/1942	3,434	Active	S:20, T:17S, R:31E	660	FNL	1980	FEL	SURFACE	540	8	50	328
											PRODUCTION	2,807	7	100	1,951
3001505283	**TURNER B-FEDERAL SP 11**	LINN OPERATING INC	1/18/1943	3,506	Active	S:20, T:17S, R:31E	1980	FNL	660	FEL	SURFACE	561	8 1/4	50	310
											PRODUCTION	2,825	7	60	2,312
3001505284	**TURNER B-FEDERAL SP 12**	LINN OPERATING INC	3/12/1944	2,022	Active	S:20, T:17S, R:31E	1980	FSL	660	FWL	SURFACE	600	7	50	398
											PRODUCTION	1,876	5 1/2	100	948
3001505298	**TURNER B-FEDERAL SP 51**	LINN OPERATING INC	12/2/1957	3,338	Active	S:20, T:17S, R:31E	2055	FSL	660	FEL	SURFACE	636	8 5/8	100	347
											PRODUCTION	3,210	5 1/2	175	2,596
3001505302	**TURNER B 72**	ATLANTIC RICHFIELD COMPANY THE	9/21/1960	7,233	Active	S:20, T:17S, R:31E	330	FSL	1980	FEL	SURFACE	1,600	8 5/8	600	0
											PRODUCTION	7,233	4 1/2	1,300	0
3001505303	**TURNER B-FEDERAL SP 78**	LINN OPERATING INC	3/7/1961	3,600	Active	S:20, T:17S, R:31E	2080	FSL	1980	FEL	SURFACE	531	8 5/8	100	242
											PRODUCTION	3,600	4 1/2	200	2,186
3001505304	**TURNER B-FEDERAL SP 6**	LINN OPERATING INC	1/12/1942	3,426	Active	S:20, T:17S, R:31E	330	FNL	1980	FWL	SURFACE	524	8 5/8	40	408
											PRODUCTION	2,903	7	100	2,047
3001505311	**TURNER B-FEDERAL SP WI44**	LINN OPERATING INC	10/31/1955	3,342	Active	S:20, T:17S, R:31E	660	FSL	2055	FWL	SURFACE	489	8 5/8	270	0
											PRODUCTION	3,340	5 1/2	125	2,902
3001505313	**TURNER B-FEDERAL SP WI46**	LINN OPERATING INC	5/2/1956	3,449	Active	S:20, T:17S, R:31E	660	FSL	760	FEL	SURFACE	530	8 5/8	50	385
											PRODUCTION	3,449	5 1/2	225	2,660
3001505315	**SKELLY UNIT 61**	LINN OPERATING INC	6/30/1942	3,588	Active	S:21, T:17S, R:31E	660	FNL	1980	FWL	SURFACE	660	8 5/8	100	371
											PRODUCTION	2,901	7	200	1,189
3001505316	**SKELLY UNIT 62**	LINN OPERATING INC	11/19/1942	3,555	Active	S:21, T:17S, R:31E	660	FNL	660	FWL	SURFACE	593	8 5/8	150	159
											PRODUCTION	2,845	7	200	1,133
3001505317	**SKELLY UNIT 63**	LINN OPERATING INC	2/1/1943	3,571	Active	S:21, T:17S, R:31E	1980	FNL	660	FWL	SURFACE	602	8 5/8	150	168
											PRODUCTION	2,845	7	200	1,133
3001505318	**SKELLY UNIT 60**	LINN OPERATING INC	5/19/1943	3,638	Active	S:21, T:17S, R:31E	660	FNL	1980	FEL	SURFACE	640	8 5/8	100	351
											PRODUCTION	2,948	7	200	1,236
3001505319	**SKELLY UNIT 64**	LINN OPERATING INC	8/9/1943	3,585	Active	S:21, T:17S, R:31E	1980	FNL	1980	FWL	SURFACE	619	8 5/8	75	402
											PRODUCTION	2,907	7	200	1,195
3001505322	**SKELLY UNIT 14**	LINN OPERATING INC	11/24/1945	2,139	Active	S:21, T:17S, R:31E	1980	FSL	660	FWL	SURFACE	600	10 3/4	100	491
											PRODUCTION	2,090	8 5/8	150	1,037
3001505323	**SKELLY UNIT 13**	LINN OPERATING INC	7/22/1946	2,200	Active	S:21, T:17S, R:31E	1980	FSL	1980	FWL	SURFACE	634	10 3/4	75	552
											PRODUCTION	2,117	8 1/4	100	1,615
3001505326	**SKELLY UNIT 6**	LINN OPERATING INC	11/5/1949	2,112	Active	S:21, T:17S, R:31E	330	FNL	990	FWL	SURFACE	601	8 5/8	150	167
											PRODUCTION	2,029	7	155	703

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3001505327	**SKELLY UNIT 7**	LINN OPERATING INC	8/3/1950	2,135	Active	S:21, T:17S, R:31E	1874	FNL	766	FWL	SURFACE	607	8 5/8	150	173
											PRODUCTION	1,980	7	150	696
3001505328	**SKELLY UNIT 8**	LINN OPERATING INC	9/3/1950	2,175	Active	S:21, T:17S, R:31E	1650	FNL	2310	FWL	SURFACE	610	8 5/8	150	176
											PRODUCTION	1,970	7	150	686
3001505332	**SKELLY UNIT 15**	LINN OPERATING INC	6/2/1946	2,210	Active	S:21, T:17S, R:31E	760	FSL	660	FWL	SURFACE	640	10 3/4	100	531
											PRODUCTION	2,131	8 5/8	100	1,429
3001505333	**SKELLY UNIT 75**	LINN OPERATING INC	5/13/1957	3,350	Active	S:21, T:17S, R:31E	660	FSL	1650	FWL	SURFACE	663	8 5/8	150	229
											PRODUCTION	3,286	7	275	933
3001505334	**SKELLY UNIT 16**	LINN OPERATING INC	5/6/1947	2,250	Active	S:21, T:17S, R:31E	660	FSL	1980	FWL	SURFACE	650	11	50	592
											PRODUCTION	2,170	8	145	1,555
3001505335	**SKELLY UNIT 5**	LINN OPERATING INC	8/24/1949	2,165	Active	S:21, T:17S, R:31E	330	FNL	1650	FWL	SURFACE	614	8 5/8	150	180
											PRODUCTION	2,055	7	150	771
3001505337	**SKELLY UNIT 69**	LINN OPERATING INC	9/7/1957	3,619	Active	S:21, T:17S, R:31E	1980	FSL	760	FWL	SURFACE	637	8 5/8	160	174
											PRODUCTION	3,130	7	165	1,718
3001505338	**SKELLY UNIT 68**	SKELLY OIL COMPANY	10/27/1957	3,345	Active	S:21, T:17S, R:31E	1650	FSL	1980	FWL	SURFACE	660	8 5/8	150	226
											PRODUCTION	3,248	7	180	1,708
3001505342	**SKELLY UNIT 65**	LINN OPERATING INC	3/6/1962	5,001	Active	S:21, T:17S, R:31E	2080	FNL	1980	FEL	SURFACE	609	9 5/8	400	0
											PRODUCTION	4,997	5 1/2	825	2,104
3001505435	**TURNER B-FEDERAL SP 47**	LINN OPERATING INC	4/17/1957	3,450	Active	S:29, T:17S, R:31E	561	FNL	1980	FEL	SURFACE	338	10 3/4	100	229
											PRODUCTION	3,450	7	100	3,046
3001505446	**TURNER B-FEDERAL SP 59**	AVON ENERGY CORPORATION	1/16/1959	3,486	Active	S:29, T:17S, R:31E	560	FNL	660	FEL	SURFACE	593	10 3/4	100	484
											PRODUCTION	3,486	5 1/2	210	2,750
											TUBING	3,419	2 3/8		
3001510840	**STATE A 3**	LINN OPERATING INC	7/9/1966	3,675	Active	S:16, T:17S, R:31E	2310	FNL	1980	FWL	SURFACE	612	8 5/8	50	467
											PRODUCTION	3,675	4 1/2	100	2,968
3001520073	**HUDSON WI5**	LINN OPERATING INC	7/26/1967	3,510	Active	S:17, T:17S, R:31E	2480	FNL	1160	FWL	SURFACE	540	8 5/8	175	34
											PRODUCTION	3,510	4 1/2	200	2,096
3001520098	**TURNER A 36**	LINN OPERATING INC	11/18/1967	3,450	Active	S:19, T:17S, R:31E	1800	FNL	1980	FEL	SURFACE	605	9 5/8	350	0
											PRODUCTION	3,450	7	450	1,632
3001520109	**TURNER B 79**	LINN OPERATING INC	1/3/1968	3,530	Active	S:20, T:17S, R:31E	2050	FSL	1980	FWL	SURFACE	605	9 5/8	350	0
											PRODUCTION	3,530	7	500	1,509
3001520142	**TURNER-SP A 37**	APACHE CORPORATION	5/15/1968	9,800	Active	S:18, T:17S, R:31E	1980	FSL	660	FWL	SURFACE	403	13 3/8	400	53
											INTERMEDIATE	3,900	8 5/8	2,000	0
											PRODUCTION	6,371	5 1/2	1,050	2,689
											TUBING	6,143	2 7/8		
3001526008	**HUDSON FEDERAL 6**	LINN OPERATING INC	11/23/1988	3,505	Active	S:18, T:17S, R:31E	2310	FNL	990	FEL	SURFACE	373	8 5/8	275	0
											PRODUCTION	3,505	5 1/2	1,700	0
											TUBING	3,400	2 7/8		
3001526231	**FOSTER EDDY 11**	COG OPERATING LIMITED LIABILITY CORP	10/27/1991	5,600	Active	S:17, T:17S, R:31E	1650	FSL	2160	FEL	SURFACE	209	13 3/8	425	0
											INTERMEDIATE	517	8 5/8	400	0
											PRODUCTION	5,546	5 1/2	1,900	0
											TUBING	4,546	2 7/8		
3001526308	**FOSTER EDDY 10**	COG OPERATING LIMITED LIABILITY CORP	11/11/1991	5,580	Active	S:17, T:17S, R:31E	2310	FNL	1650	FWL	SURFACE	211	13 3/8	225	14
											INTERMEDIATE	1,348	8 5/8	750	0
											PRODUCTION	5,554	5 1/2	1,250	1,171
											TUBING	4,562	2 7/8		
3001526596	**TURNER `B` 92**	LINN OPERATING INC	12/30/1990	3,800	Active	S:20, T:17S, R:31E	1305	FSL	1350	FWL	SURFACE	589	8 5/8	465	0
											PRODUCTION	3,800	5 1/2	1,500	0
											TUBING	3,525	2 7/8		
3001526603	**TURNER `B` 91**	LINN OPERATING INC	1/8/1991	3,620	Active	S:29, T:17S, R:31E	140	FNL	1300	FEL	SURFACE	598	8 5/8	465	0
											PRODUCTION	3,617	5 1/2	1,950	0
											TUBING	3,417	2 7/8		
3001526611	**TURNER `B` 93**	LINN OPERATING INC	1/18/1991	3,821	Active	S:20, T:17S, R:31E	1140	FSL	2560	FWL	SURFACE	452	13 3/8	650	0
											INTERMEDIATE	1,421	8 5/8	700	0
											PRODUCTION	3,821	5 1/2	900	665
											TUBING	3,408	2 7/8		

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3001526612	**TURNER `B` 95**	LINN OPERATING INC	1/17/1991	3,700	Active	S:20, T:17S, R:31E	2610	FSL	1000	FWL	SURFACE	603	8 5/8	465	0
											PRODUCTION	3,700	5 1/2	3,050	0
											TUBING	3,468	2 7/8		
3001526618	**TURNER `B` 96**	LINN OPERATING INC	1/27/1991	3,752	Active	S:20, T:17S, R:31E	2590	FNL	2590	FEL	SURFACE	597	8 5/8	700	0
											PRODUCTION	3,500	5 1/2	3,000	0
											TUBING	3,093	2 7/8		
3001526619	**TURNER `B` 97**	LINN OPERATING INC	2/22/1991	3,800	Active	S:20, T:17S, R:31E	2590	FNL	1200	FEL	SURFACE	369	11 3/4	400	0
											INTERMEDIATE	1,369	8 5/8	500	0
											PRODUCTION	3,789	5 1/2	1,050	107
											TUBING	3,612	2 7/8		
3001526637	**TURNER `B` 94**	LINN OPERATING INC	2/12/1991	3,870	Active	S:20, T:17S, R:31E	1350	FSL	1200	FEL	SURFACE	362	11 3/4	465	0
											INTERMEDIATE	1,407	8 5/8	600	0
											PRODUCTION	3,870	5 1/2	1,100	13
											TUBING	3,669	2 7/8		
3001526664	**TURNER `B` 102**	LINN OPERATING INC	5/26/1992	3,815	Active	S:20, T:17S, R:31E	990	FNL	2590	FWL	SURFACE	318	13 3/8	450	0
											INTERMEDIATE	1,275	8 5/8	600	0
											PRODUCTION	3,815	5 1/2	1,100	0
											TUBING	3,321	2 7/8		
3001526665	**TURNER `B` 103**	LINN OPERATING INC	6/11/1992	3,865	Active	S:20, T:17S, R:31E	1300	FNL	1370	FEL	SURFACE	341	13 3/8	500	0
											INTERMEDIATE	1,305	8 5/8	600	0
											PRODUCTION	3,860	5 1/2	1,050	178
											TUBING	3,663	2 7/8		
3001526696	**TURNER `B` 104**	LINN OPERATING INC	6/1/1992	3,648	Active	S:17, T:17S, R:31E	160	FSL	1370	FWL	SURFACE	332	13 3/8	450	0
											INTERMEDIATE	1,264	8 5/8	600	0
											PRODUCTION	3,648	5 1/2	1,000	142
											TUBING	3,244	2 7/8		
3001526706	**TURNER `B` 106**	LINN OPERATING INC	6/19/1992	3,863	Active	S:17, T:17S, R:31E	15	FSL	1305	FEL	SURFACE	341	13 3/8	400	0
											INTERMEDIATE	1,316	8 5/8	400	159
											PRODUCTION	3,861	5 1/2	900	705
											TUBING	3,677	2 7/8		
3001528757	**RUSSELL C A 15**	LINN OPERATING INC	1/20/1996	3,810	Active	S:18, T:17S, R:31E	1500	FNL	1950	FWL	SURFACE	458	8 5/8	500	0
											PRODUCTION	3,809	5 1/2	975	390
											TUBING	3,551	2 3/8		
3001528758	**TURNER `A` 51**	LINN OPERATING INC	4/8/1996	3,665	Active	S:19, T:17S, R:31E	2632	FNL	75	FEL	SURFACE	428	8 5/8	500	0
											PRODUCTION	3,664	5 1/2	2,300	0
3001528769	**TURNER `A` 38**	LINN OPERATING INC	1/30/1996	3,780	Active	S:18, T:17S, R:31E	1400	FSL	900	FWL	SURFACE	459	8 5/8	500	0
											PRODUCTION	3,779	5 1/2	1,300	0
3001528770	**TURNER `A` 39**	LINN OPERATING INC	1/23/1996	3,784	Active	S:18, T:17S, R:31E	1310	FSL	2300	FWL	SURFACE	470	8 5/8	500	0
											PRODUCTION	3,722	5 1/2	1,075	0
3001528771	**TURNER `A` 44**	LINN OPERATING INC	3/8/1996	3,760	Active	S:18, T:17S, R:31E	150	FSL	160	FEL	SURFACE	396	8 5/8	500	0
											PRODUCTION	3,747	5 1/2	1,605	0
											TUBING	3,654	2 7/8		
3001528772	**TURNER `A` 50**	LINN OPERATING INC	2/15/1996	3,775	Active	S:19, T:17S, R:31E	2390	FNL	1210	FEL	SURFACE	421	8 5/8	500	0
											PRODUCTION	3,774	5 1/2	810	934
											TUBING	3,603	2 7/8		
3001528773	**TURNER `A` 53**	LINN OPERATING INC	2/8/1996	3,780	Active	S:18, T:17S, R:31E	2630	FSL	1620	FEL	SURFACE	380	8 5/8	500	0
											PRODUCTION	3,779	5 1/2	925	536
											TUBING	3,345	2 7/8		
3001528783	**SKELLY UNIT 234**	LINN OPERATING INC	2/22/1996	3,950	Active	S:21, T:17S, R:31E	2602	FSL	2562	FWL	SURFACE	492	8 5/8	400	0
											PRODUCTION	3,950	5 1/2	1,650	0
3001528788	**SKELLY UNIT 247**	LINN OPERATING INC	3/2/1996	3,950	Active	S:21, T:17S, R:31E	1110	FSL	2515	FWL	SURFACE	485	8 5/8	325	0
											PRODUCTION	3,950	5 1/2	1,750	0
											TUBING	3,202	2 7/8		
3001528790	**HUDSON FEDERAL 9**	LINN OPERATING INC	3/1/1996	3,810	Active	S:18, T:17S, R:31E	2310	FNL	110	FEL	SURFACE	437	8 5/8	500	0
											PRODUCTION	3,809	5 1/2	1,100	0
											TUBING	2,791	2 7/8		

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3001528791	**TURNER `B` 116**	LINN OPERATING INC	3/17/1996	3,800	Active	S:17, T:17S, R:31E	990	FSL	1330	FWL	SURFACE	444	8 5/8	500	0
											PRODUCTION	3,799	5 1/2	1,500	0
											TUBING	3,482	2 7/8		
3001528792	**TURNER `A` 40**	LINN OPERATING INC	3/5/1996	3,810	Active	S:18, T:17S, R:31E	1191	FSL	1056	FEL	SURFACE	420	8 5/8	585	0
											PRODUCTION	3,809	5 1/2	1,300	0
											TUBING	3,716	2 7/8		
3001528793	**TURNER `A` 43**	LINN OPERATING INC	3/13/1996	3,785	Active	S:18, T:17S, R:31E	50	FSL	1250	FEL	SURFACE	425	8 5/8	500	0
											PRODUCTION	3,783	5 1/2	1,385	0
											TUBING	3,528	2 7/8		
3001528798	**HUDSON FEDERAL 10**	LINN OPERATING INC	2/23/1996	3,850	Active	S:18, T:17S, R:31E	1600	FNL	200	FEL	SURFACE	429	8 5/8	500	0
											PRODUCTION	3,849	5 1/2	1,075	80
											TUBING	3,539	2 7/8		
3001528834	**HUDSON FEDERAL 12**	LINN OPERATING INC	4/1/1996	3,852	Active	S:17, T:17S, R:31E	2390	FNL	475	FWL	SURFACE	433	8 5/8	500	0
											PRODUCTION	3,851	5 1/2	1,150	0
3001528835	**RUSSELL C A 17**	LINN OPERATING INC	3/31/1996	3,820	Active	S:18, T:17S, R:31E	2332	FNL	330	FWL	SURFACE	420	8 5/8	350	0
											PRODUCTION	3,819	5 1/2	1,100	0
3001528836	**TURNER `A` 41**	LINN OPERATING INC	3/22/1996	3,785	Active	S:18, T:17S, R:31E	10	FSL	1050	FWL	SURFACE	436	8 5/8	500	0
											PRODUCTION	3,784	5 1/2	1,450	0
											TUBING	3,118	2 7/8		
3001528837	**TURNER `A` 49**	LINN OPERATING INC	4/15/1996	3,670	Active	S:19, T:17S, R:31E	2280	FNL	2450	FWL	SURFACE	353	8 5/8	350	0
											PRODUCTION	3,669	5 1/2	2,000	0
3001528855	**FREN OIL CO 24**	LINN OPERATING INC	7/20/1996	3,610	Active	S:19, T:17S, R:31E	1400	FSL	1250	FEL	SURFACE	391	8 5/8	350	0
											PRODUCTION	3,609	5 1/2	1,050	0
											TUBING	3,423	2 7/8		
3001528856	**FRIESS FEDERAL 4**	LINN OPERATING INC	5/29/1996	3,720	Active	S:19, T:17S, R:31E	1680	FSL	2650	FWL	SURFACE	390	8 5/8	375	0
											PRODUCTION	3,719	5 1/2	1,350	0
3001528867	**RUSSELL C A 16**	LINN OPERATING INC	4/6/1996	3,830	Active	S:18, T:17S, R:31E	2650	FSL	1880	FWL	SURFACE	425	8 5/8	500	0
											PRODUCTION	3,829	5 1/2	1,150	0
											TUBING	3,372	2 7/8		
3001528868	**RUSSELL C A 21**	LINN OPERATING INC	4/25/1996	3,800	Active	S:18, T:17S, R:31E	2250	FNL	2000	FEL	SURFACE	393	8 5/8	500	0
											PRODUCTION	3,799	5 1/2	1,225	0
3001528880	**WILLOW STATE 1**	COG OPERATING LIMITED LIABILITY CORP	3/28/1996	8,990	Active	S:16, T:17S, R:31E	330	FSL	2280	FEL	SURFACE	345	13 3/8	370	21
											INTERMEDIATE	3,000	8 5/8	710	946
											PRODUCTION	8,973	5 1/2	1,385	4,117
											TUBING	5,142	2 7/8		
3001528888	**HUDSON FEDERAL 8**	LINN OPERATING INC	5/11/1996	3,870	Active	S:17, T:17S, R:31E	1475	FNL	990	FWL	SURFACE	420	8 5/8	375	0
											PRODUCTION	3,869	5 1/2	1,450	0
											TUBING	3,584	2 7/8		
3001528889	**RUSSELL C A 20**	LINN OPERATING INC	4/16/1996	3,855	Active	S:18, T:17S, R:31E	2631	FNL	1050	FWL	SURFACE	478	8 5/8	500	0
											PRODUCTION	3,854	5 1/2	900	698
3001528891	**TURNER `A` 46**	LINN OPERATING INC	5/1/1996	3,670	Active	S:19, T:17S, R:31E	900	FNL	2500	FWL	SURFACE	388	8 5/8	500	0
											PRODUCTION	3,669	5 1/2	2,125	0
3001528892	**SKELLY UNIT 220**	LINN OPERATING INC	10/3/1996	3,800	Active	S:21, T:17S, R:31E	1330	FNL	1400	FWL	SURFACE	446	8 5/8	325	0
											PRODUCTION	3,800	5 1/2	1,300	0
											TUBING	3,657	2 7/8		
3001528893	**SKELLY UNIT 221**	LINN OPERATING INC	9/25/1996	3,850	Active	S:21, T:17S, R:31E	1390	FNL	2530	FEL	SURFACE	449	8 5/8	325	0
											PRODUCTION	3,850	5 1/2	1,100	0
											TUBING	3,382	2 7/8		
3001528916	**TURNER `A` 42**	LINN OPERATING INC	4/22/1996	3,760	Active	S:18, T:17S, R:31E	300	FSL	2650	FWL	SURFACE	422	8 5/8	750	0
											PRODUCTION	3,759	5 1/2	2,325	0
3001528917	**TURNER `A` 47**	LINN OPERATING INC	5/7/1996	3,743	Active	S:19, T:17S, R:31E	1000	FNL	1125	FEL	SURFACE	392	8 5/8	500	0
											PRODUCTION	3,742	5 1/2	1,875	0
3001528918	**TURNER `A` 55**	LINN OPERATING INC	6/4/1996	3,770	Active	S:18, T:17S, R:31E	2307	FSL	330	FEL	SURFACE	464	8 5/8	500	0
											PRODUCTION	3,769	5 1/2	1,000	263
											TUBING	3,548	2 7/8		
3001528920	**TURNER `B` 118**	LINN OPERATING INC	6/18/1996	3,760	Active	S:20, T:17S, R:31E	1200	FSL	10	FWL	SURFACE	339	8 5/8	350	0

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											PRODUCTION	3,759	5 1/2	1,325	0
											TUBING	3,525	2 7/8		
3001528924	**RUSSELL C A 19**	LINN OPERATING INC	5/2/1996	3,820	Active	S:18, T:17S, R:31E	1310	FNL	2150	FEL	SURFACE	386	8 5/8	500	0
											PRODUCTION	3,819	5 1/2	975	400
3001528962	**HUDSON FEDERAL 11**	LINN OPERATING INC	5/27/1996	3,800	Active	S:18, T:17S, R:31E	1150	FNL	1310	FEL	SURFACE	432	8 5/8	500	0
											PRODUCTION	3,799	5 1/2	875	731
											TUBING	3,553	2 7/8		
3001528975	**SKELLY UNIT 259**	LINN OPERATING INC	9/20/1996	4,000	Active	S:28, T:17S, R:31E	142	FNL	1302	FWL	SURFACE	446	8 5/8	325	0
											PRODUCTION	4,000	5 1/2	1,250	0
											TUBING	3,610	2 7/8		
3001529000	**TURNER `A` WI-57**	LINN OPERATING INC	7/11/1996	3,765	Active	S:19, T:17S, R:31E	580	FNL	1905	FWL	SURFACE	399	8 5/8	350	0
											PRODUCTION	3,764	5 1/2	1,675	0
											TUBING	2,619	2 3/8		
3001529001	**TURNER `A` WI-58**	LINN OPERATING INC	6/20/1996	3,785	Active	S:18, T:17S, R:31E	560	FSL	1880	FEL	SURFACE	396	8 5/8	500	0
											PRODUCTION	3,784	5 1/2	1,750	0
											TUBING	2,642	2 3/8		
3001529009	**TURNER `A` WI-56**	LINN OPERATING INC	6/29/1996	3,795	Active	S:18, T:17S, R:31E	585	FSL	1800	FWL	SURFACE	431	8 5/8	580	0
											PRODUCTION	3,794	5 1/2	2,125	0
											TUBING	2,684	2 3/8		
3001529058	**FOSTER EDDY 13**	COG OPERATING LIMITED LIABILITY CORP	12/6/1996	5,710	Active	S:17, T:17S, R:31E	1295	FNL	1650	FWL	SURFACE	471	8 5/8	450	0
											PRODUCTION	5,675	5 1/2	2,945	0
											TUBING	4,930	2 7/8		
3001529063	**SKELLY UNIT 246**	LINN OPERATING INC	8/24/1996	3,950	Active	S:21, T:17S, R:31E	1306	FSL	1366	FWL	SURFACE	451	8 5/8	325	0
											PRODUCTION	3,950	5 1/2	1,450	0
											TUBING	3,853	2 7/8		
3001529181	**SKELLY UNIT 233**	WISER OIL COMPANY THE	10/16/1996	3,900	Active	S:21, T:17S, R:31E	2620	FNL	1343	FWL	SURFACE	441	8 5/8	425	0
											PRODUCTION	3,900	5 1/2	1,300	0
											TUBING	3,323	2 7/8		
3001529265	**YUCCA STATE 1**	COG OPERATING LIMITED LIABILITY CORP	11/24/1996	6,574	Active	S:16, T:17S, R:31E	1837	FSL	2310	FWL	SURFACE	307	13 3/8	325	23
											INTERMEDIATE	1,778	8 5/8	775	0
											INTERMEDIATE	5,425	5 1/2	1,050	1,743
											PRODUCTION	6,546	4	140	4,813
											TUBING	4,902	2 3/8		
3001529326	**SKELLY UNIT 901**	CHEVRON U S A INCORPORATED	7/23/1997	9,200	Active	S:21, T:17S, R:31E	990	FNL	1850	FEL	SURFACE	605	11 3/4	450	180
											INTERMEDIATE	4,800	8 5/8	2,000	0
											PRODUCTION	9,200	5 1/2	1,699	3,243
											TUBING	5,130	2 7/8		
3001529386	**TURNER `B` WI-131**	LINN OPERATING INC	8/8/1997	3,367	Active	S:20, T:17S, R:31E	1780	FNL	1980	FEL	SURFACE	383	8 5/8	450	0
											PRODUCTION	3,366	5 1/2	1,275	0
											TUBING	2,693	2 3/8		
3001529387	**TURNER `B` 132**	LINN OPERATING INC	8/1/1997	3,585	Active	S:20, T:17S, R:31E	48	FNL	2421	FEL	SURFACE	383	8 5/8	375	0
											PRODUCTION	3,584	5 1/2	2,175	0
											TUBING	3,314	2 7/8		
3001529391	**YUCCA STATE 2**	COG OPERATING LIMITED LIABILITY CORP	9/27/1997	6,528	Active	S:16, T:17S, R:31E	2310	FSL	1650	FWL	SURFACE	605	8 5/8	350	0
											INTERMEDIATE	5,482	5 1/2	1,140	1,485
											PRODUCTION	6,511	4	130	4,902
											TUBING	5,245	2 7/8		
3001529537	**FREN OIL CO WI-25**	LINN OPERATING INC	7/17/1997	3,732	Active	S:19, T:17S, R:31E	1880	FSL	410	FEL	SURFACE	428	8 5/8	725	0
											PRODUCTION	3,731	5 1/2	2,325	0
											TUBING	2,698	2 3/8		
3001529607	**YUCCA STATE 3**	COG OPERATING LIMITED LIABILITY CORP	6/10/1997	6,495	Active	S:16, T:17S, R:31E	1850	FSL	990	FWL	SURFACE	465	8 5/8	350	0
											INTERMEDIATE	5,509	5 1/2	1,370	705
											PRODUCTION	6,444	4	130	4,835
											TUBING	5,434	2 7/8		
3001529609	**WILLOW STATE 6**	COG OPERATING LIMITED LIABILITY CORP	5/31/1997	6,574	Active	S:16, T:17S, R:31E	2310	FSL	1650	FEL	SURFACE	466	8 5/8	325	0
											INTERMEDIATE	5,457	5 1/2	1,725	0

EXHIBIT 6: WELL TABULATION DATA

											PRODUCTION	6,557	4	130	4,948
											TUBING	5,232	2 7/8		
3001529620	**TURNER `B` 134**	LINN OPERATING INC	9/15/1997	3,710	Active	S:20, T:17S, R:31E	1350	FNL	85	FEL	SURFACE	440	8 5/8	375	0
											PRODUCTION	3,709	5 1/2	1,300	0
											TUBING	3,619	2 7/8		
3001529621	**TURNER `B` 135**	LINN OPERATING INC	9/21/1997	3,766	Active	S:20, T:17S, R:31E	2650	FNL	85	FEL	SURFACE	440	8 5/8	375	0
											PRODUCTION	3,765	5 1/2	1,800	0
											TUBING	3,484	2 7/8		
3001529622	**TURNER `B` 136**	LINN OPERATING INC	9/29/1997	3,925	Active	S:20, T:17S, R:31E	1521	FSL	146	FEL	SURFACE	440	8 5/8	375	0
											PRODUCTION	3,924	5 1/2	1,275	0
3001529647	**FOSTER V L 10**	LINN OPERATING INC	9/6/1997	3,892	Active	S:17, T:17S, R:31E	1950	FNL	480	FEL	SURFACE	440	8 5/8	375	0
											PRODUCTION	3,791	5 1/2	1,250	0
											TUBING	3,624	2 7/8		
3001529648	**FOSTER V L 11**	LINN OPERATING INC	8/29/1997	3,792	Active	S:17, T:17S, R:31E	1600	FNL	1050	FEL	SURFACE	465	8 5/8	375	0
											PRODUCTION	3,791	5 1/2	1,375	0
											TUBING	3,645	2 7/8		
3001529719	**FRIESS FEDERAL WI-5**	LINN OPERATING INC	12/6/1997	3,440	Active	S:19, T:17S, R:31E	2220	FSL	1434	FEL	SURFACE	419	8 5/8	350	0
											PRODUCTION	3,439	5 1/2	1,050	0
											TUBING	2,633	2 3/8		
3001529856	**SKELLY UNIT 400**	LINN OPERATING INC	11/10/1997	3,922	Active	S:21, T:17S, R:31E	100	FSL	260	FWL	SURFACE	451	8 5/8	400	0
											PRODUCTION	3,922	5 1/2	1,200	0
											TUBING	3,629	2 7/8		
3001529954	**TURNER `B` 137**	LINN OPERATING INC	12/13/1997	3,650	Active	S:29, T:17S, R:31E	75	FNL	2535	FWL	SURFACE	425	8 5/8	375	0
											PRODUCTION	3,649	5 1/2	1,350	0
											TUBING	3,527	2 7/8		
3001529969	**STATE `AZ` 3**	LINN OPERATING INC	12/29/1997	3,759	Active	S:16, T:17S, R:31E	10	FSL	170	FWL	SURFACE	523	8 5/8	300	0
											PRODUCTION	3,759	5 1/2	825	866
3001530211	**TURNER `B` 115**	LINN OPERATING INC	2/16/1999	3,600	Active	S:20, T:17S, R:31E	1050	FNL	25	FWL	SURFACE	425	8 5/8	725	0
											PRODUCTION	3,598	5 1/2	1,700	0
											TUBING	2,482	2 7/8		
3001530243	**LEE FEDERAL 1**	APACHE CORPORATION	5/22/1998	5,500	Active	S:20, T:17S, R:31E	2310	FNL	2160	FEL	SURFACE	462	8 5/8	500	0
											PRODUCTION	5,476	5 1/2	1,650	0
											TUBING	4,612	2 7/8		
3001530244	**CEDAR LAKE FEDERAL 1**	APACHE CORPORATION	5/23/1998	11,651	Active	S:18, T:17S, R:31E	1385	FSL	1410	FWL	SURFACE	500	13 3/8	750	0
											INTERMEDIATE	4,511	8 5/8	2,300	0
											PRODUCTION	5,209	5 1/2	225	4,420
											TUBING	4,630	2 7/8		
3001530268	**LEE FEDERAL 2**	APACHE CORPORATION	8/15/1998	5,300	Active	S:20, T:17S, R:31E	1650	FNL	990	FWL	SURFACE	442	8 5/8	400	0
											PRODUCTION	5,274	5 1/2	1,800	0
											TUBING	4,586	2 7/8		
3001530269	**LEE FEDERAL 3**	APACHE CORPORATION	8/4/1998	5,375	Active	S:20, T:17S, R:31E	1700	FSL	990	FEL	SURFACE	430	8 5/8	400	0
											PRODUCTION	5,335	5 1/2	1,700	0
											TUBING	4,770	2 7/8		
3001530321	**TURNER `B` 138**	LINN OPERATING INC	2/8/1999	3,706	Active	S:20, T:17S, R:31E	560	FNL	660	FEL	SURFACE	430	8 5/8	475	0
											PRODUCTION	3,705	5 1/2	1,170	0
											TUBING	2,798	2 3/8		
3001530377	**TONY FEDERAL 4**	APACHE CORPORATION	7/14/1999	5,205	Active	S:18, T:17S, R:31E	2310	FSL	2410	FEL	SURFACE	450	13 3/8	450	56
											INTERMEDIATE	1,375	8 5/8	800	0
											PRODUCTION	5,204	5 1/2	1,100	1,347
											TUBING	4,695	2 7/8		
3001530378	**TONY FEDERAL 5**	APACHE CORPORATION	9/6/1998	5,100	Active	S:18, T:17S, R:31E	1090	FSL	2366	FEL	SURFACE	440	8 5/8	400	0
											PRODUCTION	5,089	5 1/2	2,400	0
											TUBING	4,627	2 7/8		
3001530381	**TONY FEDERAL 1**	APACHE CORPORATION	9/10/1998	5,150	Active	S:18, T:17S, R:31E	330	FSL	2056	FWL	SURFACE	410	8 5/8	500	0
											PRODUCTION	5,142	5 1/2	2,400	0
											TUBING	4,610	2 7/8		

EXHIBIT 6: WELL TABULATION DATA

3001530382	**TONY FEDERAL 2**	APACHE CORPORATION	9/16/1998	5,150	Active	S:18, T:17S, R:31E	990	FSL	330	FWL	SURFACE	420	8 5/8	400	0
											PRODUCTION	5,138	5 1/2	1,750	0
											TUBING	4,638	2 7/8		
3001530384	**TONY FEDERAL 9**	APACHE CORPORATION	3/14/2000	5,195	Active	S:18, T:17S, R:31E	330	FSL	736	FWL	SURFACE	465	13 3/8	450	71
											INTERMEDIATE	1,492	8 5/8	850	0
											PRODUCTION	5,192	5 1/2	1,200	984
											TUBING	4,637	2 7/8		
3001530424	**LEE FEDERAL 6**	APACHE CORPORATION	7/27/1999	5,170	Active	S:20, T:17S, R:31E	1650	FNL	2310	FWL	SURFACE	450	13 3/8	450	56
											INTERMEDIATE	1,368	8 5/8	700	0
											PRODUCTION	5,165	5 1/2	1,235	835
											TUBING	5,105	2 7/8		
3001530425	**LEE FEDERAL 13**	APACHE CORPORATION	7/24/2001	5,412	Active	S:20, T:17S, R:31E	2310	FSL	330	FEL	SURFACE	415	13 3/8	450	21
											INTERMEDIATE	1,482	8 5/8	650	0
											PRODUCTION	5,411	5 1/2	850	2,431
											TUBING	4,711	2 7/8		
3001530428	**TONY FEDERAL 7**	APACHE CORPORATION	3/1/2000	5,180	Active	S:19, T:17S, R:31E	230	FNL	2510	FEL	SURFACE	454	13 3/8	450	60
											INTERMEDIATE	1,434	8 5/8	850	0
											PRODUCTION	5,180	5 1/2	1,200	972
											TUBING	4,607	2 7/8		
3001530470	**TONY FEDERAL 3**	APACHE CORPORATION	6/30/1999	5,200	Active	S:18, T:17S, R:31E	2310	FSL	330	FWL	SURFACE	465	13 3/8	450	71
											INTERMEDIATE	1,362	8 5/8	800	0
											PRODUCTION	5,165	5 1/2	1,075	1,396
											TUBING	4,637	2 7/8		
3001530508	**LEE FEDERAL 12**	APACHE CORPORATION	9/13/2001	5,316	Active	S:20, T:17S, R:31E	2310	FNL	890	FEL	SURFACE	410	13 3/8	450	16
											INTERMEDIATE	1,446	8 5/8	600	0
											PRODUCTION	5,315	5 1/2	950	1,984
											TUBING	4,741	2 7/8		
3001530511	**LEE FEDERAL 10**	APACHE CORPORATION	4/29/2001	5,231	Active	S:20, T:17S, R:31E	2310	FNL	1650	FWL	SURFACE	453	13 3/8	450	59
											INTERMEDIATE	1,367	8 5/8	650	0
											PRODUCTION	5,231	5 1/2	1,250	848
											TUBING	4,573	2 7/8		
3001530598	**LEE FEDERAL 8**	APACHE CORPORATION	12/7/2004	5,325	Active	S:20, T:17S, R:31E	2310	FSL	2510	FWL	SURFACE	370	13 3/8	470	0
											INTERMEDIATE	1,377	8 5/8	670	0
											PRODUCTION	5,315	5 1/2	987	1,854
											TUBING	4,743	2 7/8		
3001530721	**TONY FEDERAL 6Y**	APACHE CORPORATION	8/11/1999	5,150	Active	S:19, T:17S, R:31E	245	FNL	1499	FWL	SURFACE	467	13 3/8	450	73
											INTERMEDIATE	1,420	8 5/8	600	0
											PRODUCTION	5,150	5 1/2	1,400	241
											TUBING	4,653	2 7/8		
3001531057	**TONY FEDERAL 11**	APACHE CORPORATION	8/12/2000	5,215	Active	S:18, T:17S, R:31E	2310	FSL	1385	FWL	SURFACE	482	13 3/8	450	88
											INTERMEDIATE	1,482	8 5/8	800	0
											PRODUCTION	5,214	5 1/2	1,100	1,357
											TUBING	4,639	2 7/8		
3001531058	**COFFEE FEDERAL 2**	APACHE CORPORATION	3/18/2002	5,201	Active	S:18, T:17S, R:31E	2410	FNL	2046	FWL	SURFACE	420	13 3/8	450	26
											INTERMEDIATE	1,393	8 5/8	600	0
											PRODUCTION	5,201	5 1/2	1,000	1,695
											TUBING	4,668	2 7/8		
3001531062	**TURNER `B` 127**	LINN OPERATING INC	6/15/2000	3,700	Active	S:17, T:17S, R:31E	950	FSL	2550	FEL	SURFACE	324	8 5/8	400	0
											PRODUCTION	3,698	5 1/2	2,200	0
											TUBING	3,310	2 7/8		
3001531083	**TONY FEDERAL 14**	APACHE CORPORATION	10/24/2000	5,160	Active	S:18, T:17S, R:31E	990	FSL	865	FEL	SURFACE	464	13 3/8	450	70
											INTERMEDIATE	1,438	8 5/8	700	0
											PRODUCTION	5,160	5 1/2	1,000	1,654
											TUBING	4,663	2 7/8		
3001531084	**TONY FEDERAL 15**	APACHE CORPORATION	6/30/2000	5,227	Active	S:18, T:17S, R:31E	330	FSL	1710	FEL	SURFACE	458	13 3/8	450	64
											INTERMEDIATE	1,416	8 5/8	900	0

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											PRODUCTION	5,226	5 1/2	2,200	0
											TUBING	4,587	2 7/8		
3001531129	**COFFEE FEDERAL 8**	APACHE CORPORATION	4/6/2001	5,196	Active	S:18, T:17S, R:31E	990	FNL	1650	FEL	SURFACE	457	13 3/8	450	63
											INTERMEDIATE	1,408	8 5/8	650	0
											PRODUCTION	5,195	5 1/2	1,225	900
											TUBING	5,054	2 7/8		
3001531175	**COFFEE FEDERAL 1**	APACHE CORPORATION	8/8/2000	5,215	Active	S:18, T:17S, R:31E	990	FNL	2047	FWL	SURFACE	450	13 3/8	450	56
											INTERMEDIATE	1,380	8 5/8	800	0
											PRODUCTION	5,215	5 1/2	1,150	1,183
											TUBING	4,628	2 7/8		
3001531252	**COFFEE FEDERAL 3**	APACHE CORPORATION	5/22/2001	5,204	Active	S:18, T:17S, R:31E	2285	FNL	1800	FEL	SURFACE	459	13 3/8	450	65
											INTERMEDIATE	1,369	8 5/8	650	0
											PRODUCTION	5,204	5 1/2	800	2,399
											TUBING	4,575	2 7/8		
3001531253	**TONY FEDERAL 12**	APACHE CORPORATION	10/9/2000	5,190	Active	S:18, T:17S, R:31E	2310	FSL	990	FEL	SURFACE	462	13 3/8	450	68
											INTERMEDIATE	1,464	8 5/8	800	0
											PRODUCTION	5,190	5 1/2	1,000	1,684
											TUBING	4,748	2 7/8		
3001531254	**TONY FEDERAL 16**	APACHE CORPORATION	11/3/2000	5,099	Active	S:19, T:17S, R:31E	430	FNL	990	FEL	SURFACE	465	13 3/8	450	71
											INTERMEDIATE	1,476	8 5/8	700	0
											PRODUCTION	5,098	5 1/2	1,200	890
											TUBING	4,575	2 7/8		
3001531328	**TONY FEDERAL 13**	APACHE CORPORATION	7/20/2002	5,283	Active	S:18, T:17S, R:31E	1550	FSL	230	FEL	SURFACE	390	13 1/3	450	0
											INTERMEDIATE	1,380	8 5/8	650	0
											PRODUCTION	5,283	5 1/2	825	2,390
											TUBING	4,607	2 7/8		
3001531332	**COFFEE FEDERAL 5**	APACHE CORPORATION	4/18/2001	5,144	Active	S:18, T:17S, R:31E	1700	FNL	1484	FWL	SURFACE	457	13 3/8	450	63
											INTERMEDIATE	1,414	8 5/8	600	0
											PRODUCTION	5,139	5 1/2	800	2,334
											TUBING	4,625	2 7/8		
3001531333	**COFFEE FEDERAL 6**	APACHE CORPORATION	12/7/2000	5,218	Active	S:18, T:17S, R:31E	1950	FNL	560	FWL	SURFACE	458	13 3/8	450	64
											INTERMEDIATE	1,437	8 5/8	700	0
											PRODUCTION	5,218	5 1/2	900	2,062
											TUBING	4,649	2 7/8		
3001531358	**JACKSON `A` 17**	BURNETT OIL COMPANY INCORPORATED	10/7/2000	5,200	Active	S:13, T:17S, R:30E	990	FSL	330	FEL	SURFACE	4,998	8 5/8	455	3,682
											PRODUCTION	5,193	5 1/2	1,742	0
											TUBING	5,092	2 7/8		
3001531375	**SKELLY UNIT 908**	CHEVRON U S A INCORPORATED	10/28/2000	5,805	Active	S:21, T:17S, R:31E	2280	FNL	330	FWL	SURFACE	450	13 3/8	525	0
											INTERMEDIATE	1,614	8 5/8	800	0
											PRODUCTION	5,795	5 1/2	1,650	9
											TUBING	5,078	2 7/8		
3001531385	**SKELLY UNIT 907**	CHEVRON U S A INCORPORATED	12/18/2000	6,710	Active	S:21, T:17S, R:31E	2310	FSL	2310	FWL	SURFACE	435	13 3/8	450	41
											INTERMEDIATE	1,631	8 5/8	800	0
											PRODUCTION	5,394	5 1/2	1,450	310
											TUBING	5,263	2		
3001531577	**TONY FEDERAL 18**	APACHE CORPORATION	6/18/2001	5,160	Active	S:18, T:17S, R:31E	205	FSL	430	FEL	SURFACE	409	13 3/8	450	15
											INTERMEDIATE	1,347	8 5/8	840	0
											PRODUCTION	5,144	5 1/2	1,184	992
											TUBING	4,575	2 7/8		
3001531593	**COFFEE FEDERAL 4**	APACHE CORPORATION	6/30/2001	5,179	Active	S:18, T:17S, R:31E	1650	FNL	2235	FEL	SURFACE	357	13 3/8	450	0
											INTERMEDIATE	1,363	8 5/8	650	0
											PRODUCTION	5,165	5 1/2	1,300	607
											TUBING	4,715	2 7/8		
3001531664	**SKELLY UNIT 912**	CHEVRON U S A INCORPORATED	5/19/2001	5,438	Active	S:21, T:17S, R:31E	2060	FNL	1650	FWL	SURFACE	468	13 3/8	450	74
											INTERMEDIATE	1,621	8 5/8	800	0
											PRODUCTION	5,398	5 1/2	850	2,418

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											TUBING	5,086	2 7/8		
3001531665	**SKELLY UNIT 914**	CHEVRON U S A INCORPORATED	6/14/2001	5,400	Active	S:21, T:17S, R:31E	2310	FNL	2310	FEL	SURFACE	455	13 3/8	450	61
											INTERMEDIATE	1,635	8 5/8	800	0
											PRODUCTION	5,394	5 1/2	1,005	1,870
											TUBING	5,139	2 7/8		
3001531666	**SKELLY UNIT 930**	CHEVRON U S A INCORPORATED	4/17/2001	5,295	Active	S:21, T:17S, R:31E	1650	FNL	990	FWL	SURFACE	450	13 3/8	450	56
											INTERMEDIATE	1,643	8 5/8	800	0
											PRODUCTION	5,287	5 1/2	1,260	869
											TUBING	5,068	2 7/8		
3001531667	**SKELLY UNIT 931**	CHEVRON U S A INCORPORATED	6/2/2001	5,370	Active	S:21, T:17S, R:31E	1650	FNL	2100	FWL	SURFACE	438	13 3/8	450	44
											INTERMEDIATE	1,648	8 5/8	800	0
											PRODUCTION	5,364	5 1/2	930	2,103
											TUBING	5,103	2 7/8		
3001531671	**JACKSON `A` 18**	BURNETT OIL COMPANY INCORPORATED	4/20/2001	5,118	Active	S:13, T:17S, R:30E	1700	FSL	330	FEL	SURFACE	488	8 5/8	468	0
											PRODUCTION	5,118	5 1/2	2,450	0
											TUBING	4,851	2 7/8		
3001531818	**OXY ROCKY ROAD FEDERAL 1**	OXY USA WTP LP	7/6/2001	12,000	Active	S:20, T:17S, R:31E	1335	FSL	760	FEL	SURFACE	402	13 3/8	501	0
											INTERMEDIATE	4,510	9 5/8	1,555	1,494
											PRODUCTION	12,000	5 1/2	1,200	7,792
											TUBING	11,476	2 7/8		
3001531952	**LEE FEDERAL 18**	APACHE CORPORATION	9/25/2001	5,225	Active	S:20, T:17S, R:31E	330	FNL	330	FWL	SURFACE	410	13 3/8	450	16
											INTERMEDIATE	1,336	8 5/8	600	0
											PRODUCTION	5,224	5 1/2	900	2,068
											TUBING	4,611	2 7/8		
3001531962	**LEE FEDERAL 19**	APACHE CORPORATION	10/10/2001	5,169	Active	S:20, T:17S, R:31E	530	FNL	1650	FWL	SURFACE	398	13 3/8	450	4
											INTERMEDIATE	1,347	8 5/8	750	0
											PRODUCTION	5,168	5 1/2	1,000	1,662
											TUBING	4,614	2 7/8		
3001531975	**SKELLY UNIT 933**	CHEVRON U S A INCORPORATED	3/9/2002	5,415	Active	S:21, T:17S, R:31E	990	FNL	330	FWL	SURFACE	456	13 3/8	475	41
											INTERMEDIATE	1,652	8 5/8	850	0
											PRODUCTION	5,394	5 1/2	1,660	0
3001532048	**LEE FEDERAL 15**	APACHE CORPORATION	7/9/2002	5,198	Active	S:20, T:17S, R:31E	830	FNL	1650	FEL	SURFACE	404	13 3/8	450	10
											INTERMEDIATE	1,389	8 5/8	650	0
											PRODUCTION	5,198	5 1/2	800	2,393
											TUBING	4,647	2 7/8		
3001532049	**LEE FEDERAL 16**	APACHE CORPORATION	6/28/2002	5,174	Active	S:20, T:17S, R:31E	830	FNL	2310	FWL	SURFACE	381	13 3/8	450	0
											INTERMEDIATE	1,365	8 5/8	650	0
											PRODUCTION	5,173	5 1/2	825	2,280
											TUBING	4,621	2 7/8		
3001532072	**LEE FEDERAL 14**	APACHE CORPORATION	6/16/2002	5,225	Active	S:20, T:17S, R:31E	830	FNL	330	FEL	SURFACE	423	13 3/8	450	29
											INTERMEDIATE	1,432	8 5/8	650	0
											PRODUCTION	5,225	5 1/2	850	2,245
											TUBING	4,629	2 7/8		
3001532073	**LEE FEDERAL 21**	APACHE CORPORATION	11/8/2001	5,312	Active	S:20, T:17S, R:31E	330	FNL	890	FEL	SURFACE	398	13 3/8	450	4
											INTERMEDIATE	1,420	8 5/8	650	0
											PRODUCTION	5,312	5 1/2	825	2,419
											TUBING	4,714	2 7/8		
3001532087	**LEE FEDERAL 20Y**	APACHE CORPORATION	10/27/2001	5,200	Active	S:20, T:17S, R:31E	330	FNL	2260	FEL	SURFACE	409	13 3/8	450	15
											INTERMEDIATE	1,341	8 5/8	650	0
											PRODUCTION	5,200	5 1/2	950	1,869
											TUBING	4,621	2 7/8		
3001532195	**TONY FEDERAL 17**	APACHE CORPORATION	8/1/2002	5,288	Active	S:18, T:17S, R:31E	1750	FSL	2047	FWL	SURFACE	354	13 3/8	450	0
											INTERMEDIATE	1,415	8 5/8	600	0
											PRODUCTION	5,287	5 1/2	950	1,956
											TUBING	4,675	2 7/8		
3001532296	**LEE FEDERAL 30**	APACHE CORPORATION	3/20/2003	5,260	Active	S:17, T:17S, R:31E	1650	FSL	865	FWL	SURFACE	373	13 3/8	425	1

EXHIBIT 6: WELL TABULATION DATA

											INTERMEDIATE	1,352	8 5/8	570	0
											PRODUCTION	5,260	5 1/2	900	2,104
											TUBING	4,643	2 7/8		
3001532297	**LEE FEDERAL 31**	APACHE CORPORATION	3/30/2003	5,280	Active	S:17, T:17S, R:31E	2310	FSL	330	FWL	SURFACE	376	13 3/8	475	0
											INTERMEDIATE	1,374	8 5/8	570	0
											PRODUCTION	5,279	5 1/2	1,000	1,773
											TUBING	4,655	2 7/8		
3001532321	**LEE FEDERAL 27**	APACHE CORPORATION	10/15/2002	5,230	Active	S:17, T:17S, R:31E	990	FSL	1750	FWL	SURFACE	410	13 3/8	475	0
											INTERMEDIATE	1,362	8 5/8	750	0
											PRODUCTION	5,226	5 1/2	850	2,246
											TUBING	4,609	2 7/8		
3001532376	**LEE FEDERAL 29**	APACHE CORPORATION	10/27/2002	5,316	Active	S:17, T:17S, R:31E	890	FSL	990	FEL	SURFACE	387	13 3/8	450	0
											INTERMEDIATE	1,407	8 5/8	700	0
											PRODUCTION	5,315	5 1/2	825	2,422
											TUBING	4,710	2 7/8		
3001532436	**SKELLY UNIT 951**	CHEVRON U S A INCORPORATED	9/25/2002	12,000	Active	S:21, T:17S, R:31E	990	FSL	660	FWL	SURFACE	425	13 3/8	650	0
											INTERMEDIATE	4,483	8 5/8	2,720	0
											PRODUCTION	12,000	5 1/2	2,136	4,510
											TUBING	11,930	2 3/8		
3001532463	**OXY CHERRY VANILLA FEDERAL COM 1**	MARBOB ENERGY CORPORATION	10/30/2002	11,760	Active	S:19, T:17S, R:31E	1980	FNL	860	FEL	SURFACE	434	13 3/8	400	84
											INTERMEDIATE	4,531	9 5/8	3,525	0
											PRODUCTION	11,760	5 1/2	1,350	7,026
											TUBING	7,939	2 3/8		
											TUBING	11,162	2 3/8		
3001532595	**SKELLY UNIT 936**	CHEVRON U S A INCORPORATED	3/18/2003	5,265	Active	S:21, T:17S, R:31E	330	FNL	865	FWL	SURFACE	484	13 3/8	450	90
											INTERMEDIATE	1,820	8 5/8	800	0
											PRODUCTION	5,232	5 1/2	1,360	463
											TUBING	5,059	2 7/8		
3001532596	**SKELLY UNIT 937**	CHEVRON U S A INCORPORATED	3/21/2003	5,305	Active	S:21, T:17S, R:31E	480	FNL	2185	FWL	SURFACE	548	13 3/8	625	1
											INTERMEDIATE	1,651	8 5/8	800	0
											PRODUCTION	5,296	5 1/2	1,455	194
											TUBING	5,123	2 7/8		
3001532648	**LEE FEDERAL 17**	APACHE CORPORATION	4/9/2003	5,191	Active	S:20, T:17S, R:31E	730	FNL	890	FWL	SURFACE	317	13 3/8	400	0
											INTERMEDIATE	1,351	8 5/8	570	0
											PRODUCTION	5,190	5 1/2	900	2,034
											TUBING	4,627	2 7/8		
3001532661	**TONY FEDERAL 24**	APACHE CORPORATION	4/19/2003	5,203	Active	S:19, T:17S, R:31E	990	FNL	1650	FEL	SURFACE	342	13 3/8	445	0
											INTERMEDIATE	1,302	8 5/8	570	0
											PRODUCTION	5,203	5 1/2	925	1,960
											TUBING	4,585	2 7/8		
3001532664	**WILLOW STATE 2**	COG OPERATING LIMITED LIABILITY CORP	4/7/2003	6,505	Active	S:16, T:17S, R:31E	990	FSL	1650	FEL	SURFACE	305	13 3/8	325	21
											INTERMEDIATE	1,738	9 5/8	800	186
											PRODUCTION	6,499	5 1/2	1,360	1,730
											TUBING	5,245	2 7/8		
3001532737	**LEE FEDERAL 11**	APACHE CORPORATION	8/24/2003	5,362	Active	S:20, T:17S, R:31E	2310	FSL	1650	FEL	SURFACE	333	13 3/8	450	0
											INTERMEDIATE	1,420	8 5/8	570	0
											PRODUCTION	5,361	5 1/2	1,000	1,855
											TUBING	4,704	2 7/8		
3001532738	**LEE FEDERAL 34**	APACHE CORPORATION	5/19/2003	5,206	Active	S:17, T:17S, R:31E	330	FSL	890	FWL	SURFACE	386	13 3/8	445	0
											INTERMEDIATE	1,339	8 5/8	700	0
											PRODUCTION	5,202	5 1/2	950	1,871
											TUBING	4,584	2 7/8		
3001532739	**LEE FEDERAL 36**	APACHE CORPORATION	6/27/2003	5,272	Active	S:17, T:17S, R:31E	430	FSL	1650	FEL	SURFACE	320	13 3/8	470	0
											INTERMEDIATE	1,387	8 5/8	600	0
											PRODUCTION	5,272	5 1/2	975	1,853
											TUBING	4,688	2 7/8		

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3001532740	**LEE FEDERAL 39**	APACHE CORPORATION	6/16/2003	5,218	Active	S:20, T:17S, R:31E	1650	FNL	1650	FEL	SURFACE	308	13 3/8	470	0
											INTERMEDIATE	1,412	8 5/8	670	0
											PRODUCTION	5,218	5 1/2	1,000	1,712
											TUBING	4,569	2 7/8		
3001532744	**LEE FEDERAL 35**	APACHE CORPORATION	6/4/2003	5,253	Active	S:17, T:17S, R:31E	330	FSL	2285	FWL	SURFACE	355	13 3/8	450	0
											INTERMEDIATE	1,378	8 5/8	870	0
											PRODUCTION	5,253	5 1/2	1,150	1,221
											TUBING	4,626	2 7/8		
3001532745	**LEE FEDERAL 40**	APACHE CORPORATION	8/13/2003	5,230	Active	S:20, T:17S, R:31E	2285	FNL	330	FWL	SURFACE	300	13 3/8	470	0
											INTERMEDIATE	1,302	8 5/8	570	0
											PRODUCTION	5,229	5 1/2	1,025	1,635
											TUBING	4,599	2 7/8		
3001532753	**TONY FEDERAL 27**	APACHE CORPORATION	8/1/2003	5,150	Active	S:19, T:17S, R:31E	1650	FNL	990	FEL	SURFACE	352	13 3/8	475	0
											INTERMEDIATE	1,307	8 5/8	700	0
											PRODUCTION	5,150	5 1/2	900	1,994
											TUBING	4,565	2 7/8		
3001532769	**LEE FEDERAL 37**	APACHE CORPORATION	7/8/2003	5,281	Active	S:17, T:17S, R:31E	330	FSL	430	FEL	SURFACE	298	13 3/8	470	0
											INTERMEDIATE	1,454	8 5/8	600	0
											PRODUCTION	5,281	5 1/2	1,050	1,599
											TUBING	4,720	2 7/8		
3001532802	**TONY FEDERAL 19**	APACHE CORPORATION	7/20/2003	5,200	Active	S:18, T:17S, R:31E	1650	FSL	638	FWL	SURFACE	326	13 3/8	475	0
											INTERMEDIATE	1,397	8 5/8	570	0
											PRODUCTION	5,198	5 1/2	1,025	1,604
											TUBING	4,702	2 7/8		
3001532874	**STATE B 5**	LINN OPERATING INC	3/6/2004	3,900	Active	S:16, T:17S, R:31E	1310	FSL	1330	FEL	SURFACE	410	8 5/8	235	0
											PRODUCTION	3,900	5 1/2	900	744
											TUBING	3,140	2 3/8		
3001532895	**SKELLY UNIT 952**	CHEVRON U S A INCORPORATED	8/15/2003	11,850	Active	S:21, T:17S, R:31E	990	FNL	990	FWL	SURFACE	459	13 3/8	490	30
											INTERMEDIATE	4,420	8 5/8	2,892	0
											PRODUCTION	11,831	5 1/2	3,070	1,066
											TUBING	9,340	2 3/8		
											TUBING	11,629	2 7/8		
3001532917	**STATE A 4**	LINN OPERATING INC	3/15/2004	4,000	Active	S:16, T:17S, R:31E	2540	FSL	1330	FWL	SURFACE	444	8 5/8	400	0
											PRODUCTION	4,000	4 1/2	650	0
											TUBING	3,870	2 7/8		
3001532950	**STATE AZ 4**	LINN OPERATING INC	2/26/2004	3,800	Active	S:16, T:17S, R:31E	1310	FSL	330	FWL	SURFACE	423	8 5/8	650	0
											PRODUCTION	3,800	5 1/2	650	1,521
											TUBING	3,110	2 3/8		
3001533000	**TONY FEDERAL 28**	APACHE CORPORATION	10/8/2003	5,185	Active	S:19, T:17S, R:31E	1650	FNL	2310	FEL	SURFACE	391	13 3/8	475	0
											INTERMEDIATE	1,305	8 5/8	670	0
											PRODUCTION	5,182	5 1/2	1,000	1,676
											TUBING	4,596	2 7/8		
3001533029	**LEE FEDERAL 5**	APACHE CORPORATION	11/3/2003	5,290	Active	S:20, T:17S, R:31E	1800	FNL	330	FEL	SURFACE	354	13 3/8	470	0
											INTERMEDIATE	1,448	8 5/8	470	88
											PRODUCTION	5,277	5 1/2	1,100	1,420
											TUBING	4,727	2 7/8		
3001533089	**OXY SPUMONI STATE 1**	COG OPERATING LIMITED LIABILITY CORP	12/18/2003	12,200	Active	S:16, T:17S, R:31E	900	FSL	990	FEL	SURFACE	650	13 3/8	715	25
											INTERMEDIATE	5,235	9 5/8	2,650	95
											PRODUCTION	9,864	5 1/2	1,350	5,130
											TUBING	9,535	2 3/8		
3001533214	**LEE FEDERAL 32**	APACHE CORPORATION	3/14/2004	5,230	Active	S:17, T:17S, R:31E	990	FSL	230	FWL	SURFACE	382	13 3/8	476	0
											INTERMEDIATE	1,342	8 5/8	570	0
											PRODUCTION	5,226	5 1/2	900	2,070
											TUBING	4,635	2 7/8		
3001533388	**TONY FEDERAL 23**	APACHE CORPORATION	7/20/2004	5,296	Active	S:19, T:17S, R:31E	990	FNL	2057	FWL	SURFACE	367	13 3/8	500	0
											INTERMEDIATE	1,330	8 5/8	715	0

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											PRODUCTION	5,295	5 1/2	1,025	1,701
											TUBING	4,528	2 7/8		
3001533568	**TONY FEDERAL 20**	APACHE CORPORATION	9/18/2004	5,210	Active	S:18, T:17S, R:31E	1650	FSL	1750	FEL	SURFACE	364	13 3/8	475	0
											INTERMEDIATE	1,365	8 5/8	570	0
											PRODUCTION	5,191	5 1/2	900	2,035
											TUBING	4,640	2 7/8		
3001533718	**TONY FEDERAL 26**	APACHE CORPORATION	12/27/2004	5,180	Active	S:19, T:17S, R:31E	990	FNL	330	FEL	SURFACE	375	13 3/8	470	0
											INTERMEDIATE	1,327	8 5/8	570	0
											PRODUCTION	5,155	5 1/2	900	1,999
											TUBING	4,577	2 7/8		
3001533941	**TONY FEDERAL 21**	APACHE CORPORATION	3/22/2005	5,240	Active	S:19, T:17S, R:31E	330	FNL	330	FWL	SURFACE	402	13 3/8	450	8
											INTERMEDIATE	1,375	8 5/8	570	0
											PRODUCTION	5,240	5 1/2	975	1,821
											TUBING	4,620	2 7/8		
3001534087	**STRAIGHT LINE FEDERAL COM 1**	MARBOB ENERGY CORPORATION	6/27/2005	11,520	Active	S:19, T:17S, R:31E	1650	FSL	1100	FEL	SURFACE	358	16	450	0
											INTERMEDIATE	1,347	11 3/4	850	544
											INTERMEDIATE	3,943	8 5/8	1,100	761
											PRODUCTION	11,520	5 1/2	1,650	5,734
											TUBING	11,134	2 3/8		
3001534559	**WILLOW STATE 8**	COG OPERATING LIMITED LIABILITY CORP	2/9/2006	6,310	Active	S:16, T:17S, R:31E	330	FSL	1650	FEL	SURFACE	447	13 3/8	448	55
											INTERMEDIATE	1,630	8 5/8	980	0
											PRODUCTION	6,301	5 1/2	1,315	1,690
											TUBING	5,857	2 7/8		
3001536184	**SKELLY UNIT 972**	COG OPERATING LIMITED LIABILITY CORP	8/9/2008	6,415	Active	S:21, T:17S, R:31E	480	FNL	1450	FWL	SURFACE	442	13 3/8	475	27
											INTERMEDIATE	1,830	8 5/8	980	0
											PRODUCTION	6,415	5 1/2	500	4,662
											TUBING	5,249	2 7/8		
3001536255	**STATE B 11**	LINN OPERATING INC	5/3/2008	4,040	Active	S:16, T:17S, R:31E	80	FSL	2596	FEL	SURFACE	428	8 5/8	240	0
											PRODUCTION	4,028	5 1/2	1,530	0
											TUBING	3,580	2 7/8		
3001536283	**SKELLY UNIT 973**	COG OPERATING LIMITED LIABILITY CORP	7/25/2008	6,407	Active	S:21, T:17S, R:31E	430	FNL	2435	FEL	SURFACE	448	13 3/8	448	56
											INTERMEDIATE	1,815	8 5/8	880	0
											PRODUCTION	6,407	5 1/2	550	4,478
											TUBING	6,050	2 7/8		
3001536351	**WILLOW STATE 9**	COG OPERATING LIMITED LIABILITY CORP	12/26/2009	6,498	Active	S:16, T:17S, R:31E	740	FSL	2350	FEL	SURFACE	460	13 3/8	500	23
											INTERMEDIATE	1,558	8 5/8	1,100	0
											PRODUCTION	6,498	5 1/2	1,200	2,290
											TUBING	6,039	2 7/8		
3001536447	**SKELLY UNIT 601**	COG OPERATING LIMITED LIABILITY CORP	1/5/2009	6,700	Active	S:21, T:17S, R:31E	2310	FSL	310	FWL	SURFACE	443	13 3/8	500	6
											INTERMEDIATE	1,804	8 5/8	700	0
											PRODUCTION	6,700	5 1/2	1,100	2,843
											TUBING	5,941	2 7/8		
3001536470	**SKELLY UNIT 600**	COG OPERATING LIMITED LIABILITY CORP	10/14/2008	6,568	Active	S:21, T:17S, R:31E	2060	FNL	1780	FWL	SURFACE	420	13 3/8	475	5
											INTERMEDIATE	1,814	8 5/8	600	78
											PRODUCTION	6,536	5 1/2	1,000	3,030
											TUBING	5,955	2 7/8		
3001536596	**SKELLY UNIT 602**	COG OPERATING LIMITED LIABILITY CORP	11/17/2008	6,677	Active	S:21, T:17S, R:31E	2558	FSL	1448	FWL	SURFACE	441	13 3/8	965	0
											INTERMEDIATE	1,814	8 5/8	700	0
											PRODUCTION	6,677	5 1/2	1,100	2,820
											TUBING	5,490	2 7/8		
											TUBING	6,356	2 7/8		
3001536765	**SKELLY UNIT 606**	COG OPERATING LIMITED LIABILITY CORP	6/30/2009	6,813	Active	S:21, T:17S, R:31E	2110	FSL	2310	FEL	SURFACE	420	13 3/8	475	5
											INTERMEDIATE	1,643	8 5/8	600	0
											PRODUCTION	6,813	5 1/2	1,250	2,430
											TUBING	6,380	2 7/8		
3001537006	**SKELLY UNIT 502**	LINN OPERATING INC	2/15/2010	3,900	Active	S:21, T:17S, R:31E	1310	FNL	560	FWL	SURFACE	439	8 5/8	365	0

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											PRODUCTION	3,900	5 1/2	1,150	0
											TUBING	2,855	2 7/8		
3001537008	**SKELLY UNIT 503**	LINN OPERATING INC	2/26/2010	3,900	Active	S:21, T:17S, R:31E	1310	FNL	1980	FWL	SURFACE	440	8 5/8	350	0
											PRODUCTION	3,887	5 1/2	1,250	0
											TUBING	2,893	2 7/8		
3001537042	**YUCCA STATE 10**	COG OPERATING LIMITED LIABILITY CORP	1/3/2010	6,630	Active	S:16, T:17S, R:31E	1650	FNL	1650	FWL	SURFACE	459	13 3/8	700	0
											INTERMEDIATE	1,809	8 5/8	550	218
											PRODUCTION	6,615	5 1/2	1,100	2,758
											TUBING	5,930	2 7/8		
3001537043	**YUCCA STATE 9**	COG OPERATING LIMITED LIABILITY CORP	12/31/2009	6,615	Active	S:16, T:17S, R:31E	1650	FNL	330	FWL	SURFACE	460	13 3/8	500	23
											INTERMEDIATE	1,810	8 5/8	550	219
											PRODUCTION	6,608	5 1/2	1,100	2,751
											TUBING	5,911	2 7/8		
3001537050	**WILLOW STATE 15**	COG OPERATING LIMITED LIABILITY CORP	8/5/2009	6,728	Active	S:16, T:17S, R:31E	1650	FSL	1580	FWL	SURFACE	476	13 3/8	500	39
											INTERMEDIATE	1,810	8 5/8	600	74
											PRODUCTION	6,728	5 1/2	1,100	2,871
											TUBING	6,322	2 7/8		
3001537102	**YUCCA STATE 11**	COG OPERATING LIMITED LIABILITY CORP	10/17/2009	6,615	Active	S:16, T:17S, R:31E	2310	FNL	990	FWL	SURFACE	474	13 3/8	475	59
											INTERMEDIATE	1,811	8 5/8	600	75
											PRODUCTION	6,610	5 1/2	1,100	2,753
											TUBING	5,937	2 7/8		
3001537103	**YUCCA STATE 12**	COG OPERATING LIMITED LIABILITY CORP	8/17/2009	6,600	Active	S:16, T:17S, R:31E	2350	FNL	2310	FWL	SURFACE	476	13 3/8	448	84
											INTERMEDIATE	1,803	8 5/8	600	67
											PRODUCTION	6,600	5 1/2	1,100	2,743
											TUBING	5,953	2 7/8		
3001537134	**FOSTER EDDY FEDERAL 15**	COG OPERATING LIMITED LIABILITY CORP	11/6/2009	7,200	Active	S:17, T:17S, R:31E	2310	FNL	2160	FEL	SURFACE	451	13 3/8	1,050	0
											INTERMEDIATE	1,512	8 5/8	525	0
											PRODUCTION	7,176	5 1/2	1,085	3,372
											TUBING	6,137	2 7/8		
3001537135	**FOSTER EDDY FEDERAL 16**	COG OPERATING LIMITED LIABILITY CORP	7/24/2009	6,374	Active	S:17, T:17S, R:31E	2310	FNL	890	FEL	SURFACE	481	13 3/8	675	0
											INTERMEDIATE	1,506	8 5/8	650	0
											PRODUCTION	6,369	5 1/2	1,525	1,022
											TUBING	6,121	2 7/8		
3001537136	**FOSTER EDDY 14**	COG OPERATING LIMITED LIABILITY CORP	10/25/2009	6,350	Active	S:17, T:17S, R:31E	1720	FNL	2310	FWL	SURFACE	451	13 3/8	500	14
											INTERMEDIATE	1,498	8 5/8	525	0
											PRODUCTION	6,345	5 1/2	1,150	2,313
											TUBING	6,120	2 7/8		
3001537176	**WILLOW STATE 14**	COG OPERATING LIMITED LIABILITY CORP	4/11/2010	6,736	Active	S:16, T:17S, R:31E	1650	FSL	990	FEL	SURFACE	452	13 3/8	500	15
											INTERMEDIATE	1,808	8 5/8	550	217
											PRODUCTION	6,724	5 1/2	1,100	2,867
											TUBING	6,083	2 7/8		
3001537178	**WILLOW STATE 13**	COG OPERATING LIMITED LIABILITY CORP	3/21/2010	6,682	Active	S:16, T:17S, R:31E	1580	FSL	2240	FEL	SURFACE	461	13 3/8	500	24
											INTERMEDIATE	1,811	8 5/8	930	0
											PRODUCTION	6,665	5 1/2	1,200	2,457
											TUBING	6,034	2 7/8		
3001537401	**YUCCA STATE 6**	COG OPERATING LIMITED LIABILITY CORP	4/1/2010	6,533	Active	S:16, T:17S, R:31E	1555	FSL	330	FWL	SURFACE	476	13 3/8	500	39
											INTERMEDIATE	1,817	8 5/8	550	226
											PRODUCTION	6,528	5 1/2	1,100	2,671
											TUBING	5,912	2 7/8		
3001537402	**YUCCA STATE 8**	COG OPERATING LIMITED LIABILITY CORP	5/4/2010	6,625	Active	S:16, T:17S, R:31E	1650	FSL	1650	FWL	SURFACE	473	13 3/8	500	36
											INTERMEDIATE	1,815	8 5/8	1,325	0
											PRODUCTION	6,615	5 1/2	1,050	2,933
											TUBING	5,912	2 7/8		
3001537619	**YUCCA STATE 5**	COG OPERATING LIMITED LIABILITY CORP	4/7/2011	6,492	Active	S:16, T:17S, R:31E	2310	FSL	2185	FWL	SURFACE	476	13 3/8	500	39
											INTERMEDIATE	1,838	8 5/8	550	247
											PRODUCTION	6,492	5 1/2	1,450	1,408

EXHIBIT 6: WELL TABULATION DATA

											TUBING	6,047	2 7/8		
3001537620	**YUCCA STATE 7**	COG OPERATING LIMITED LIABILITY CORP	4/6/2011	6,718	Active	S:16, T:17S, R:31E	2310	FSL	990	FWL	SURFACE	452	13 3/8	500	15
											INTERMEDIATE	1,800	8 5/8	550	209
											PRODUCTION	6,708	5 1/2	1,050	3,026
											TUBING	6,077	2 7/8		
3001537622	**WILLOW STATE 10**	COG OPERATING LIMITED LIABILITY CORP	3/18/2011	6,703	Active	S:16, T:17S, R:31E	2310	FSL	1055	FEL	SURFACE	480	13 3/8	500	43
											INTERMEDIATE	1,866	8 5/8	550	275
											PRODUCTION	6,703	5 1/2	1,050	3,021
											TUBING	6,247	2 7/8		
3001537623	**WILLOW STATE 11**	COG OPERATING LIMITED LIABILITY CORP	7/27/2010	6,715	Active	S:16, T:17S, R:31E	2310	FSL	2310	FEL	SURFACE	481	13 3/8	930	0
											INTERMEDIATE	1,818	8 5/8	550	227
											PRODUCTION	6,703	5 1/2	1,050	3,021
											TUBING	6,063	2 7/8		
3001537630	**YUCCA STATE 13**	COG OPERATING LIMITED LIABILITY CORP	3/9/2011	6,734	Active	S:16, T:17S, R:31E	1650	FNL	990	FWL	SURFACE	452	13 3/8	500	15
											INTERMEDIATE	1,800	8 5/8	550	209
											PRODUCTION	6,726	5 1/2	1,450	1,642
											TUBING	6,059	2 7/8		
3001537631	**YUCCA STATE 16**	COG OPERATING LIMITED LIABILITY CORP	7/16/2010	6,738	Active	S:16, T:17S, R:31E	2310	FNL	1650	FWL	SURFACE	535	13 3/8	500	98
											INTERMEDIATE	1,807	8 5/8	550	216
											PRODUCTION	6,725	5 1/2	1,000	3,219
											TUBING	5,972	2 7/8		
3001537638	**WILLOW STATE 16**	COG OPERATING LIMITED LIABILITY CORP	12/18/2010	6,710	Active	S:16, T:17S, R:31E	990	FSL	1165	FEL	SURFACE	460	13 3/8	750	0
											INTERMEDIATE	1,920	8 5/8	600	184
											PRODUCTION	6,696	5 1/2	1,050	3,014
											TUBING	6,338	2 7/8		
3001537725	**YUCCA STATE 14**	COG OPERATING LIMITED LIABILITY CORP	6/9/2011	6,738	Active	S:16, T:17S, R:31E	1755	FNL	2310	FWL	SURFACE	470	13 3/8	500	33
											INTERMEDIATE	1,823	8 5/8	550	232
											PRODUCTION	6,738	5 1/2	1,050	3,056
											TUBING	6,245	2 7/8		
3001537726	**YUCCA STATE 15**	COG OPERATING LIMITED LIABILITY CORP	3/7/2011	6,735	Active	S:16, T:17S, R:31E	2110	FNL	330	FWL	SURFACE	507	13 3/8	500	70
											INTERMEDIATE	1,805	8 5/8	550	214
											PRODUCTION	6,729	5 1/2	1,500	1,469
											TUBING	6,070	2 7/8		
3001537882	**SKELLY UNIT 718**	CHEVRON U S A INCORPORATED	8/30/2010	6,735	Active	S:21, T:17S, R:31E	1650	FSL	1056	FWL	SURFACE	472	13 3/8	500	35
											INTERMEDIATE	1,808	8 5/8	550	217
											PRODUCTION	6,721	5 1/2	1,050	3,039
											TUBING	4,718	2 7/8		
3001537981	**SKELLY UNIT 700**	CHEVRON U S A INCORPORATED	11/23/2010	6,835	Active	S:21, T:17S, R:31E	1357	FNL	2397	FWL	SURFACE	477	13 3/8	700	0
											INTERMEDIATE	1,807	8 5/8	550	216
											PRODUCTION	6,835	5 1/2	1,200	2,627
											TUBING	6,040	2 7/8		
3001538013	**SKELLY UNIT 689**	CHEVRON U S A INCORPORATED	1/13/2012	6,758	Active	S:21, T:17S, R:31E	475	FNL	214	FWL	SURFACE	435	13 3/8	500	0
											INTERMEDIATE	1,897	8 5/8	550	306
											PRODUCTION	6,758	5 1/2	1,500	1,498
											TUBING	5,968	2 7/8		
3001538014	**SKELLY UNIT 711**	CHEVRON U S A INCORPORATED	12/7/2010	6,558	Active	S:21, T:17S, R:31E	1308	FNL	266	FWL	SURFACE	438	13 3/8	930	0
											INTERMEDIATE	1,818	8 5/8	550	227
											PRODUCTION	6,558	5 1/2	1,050	2,876
											TUBING	5,942	2 7/8		
3001538253	**SKELLY UNIT 724**	CHEVRON U S A INCORPORATED	12/19/2011	6,789	Active	S:21, T:17S, R:31E	2272	FNL	687	FWL	SURFACE	404	13 3/8	500	0
											INTERMEDIATE	1,833	8 5/8	1,150	0
											PRODUCTION	6,776	5 1/2	1,650	990
											TUBING	6,034	2 7/8		
3001538344	**SKELLY UNIT 703**	CHEVRON U S A INCORPORATED	10/8/2011	6,770	Active	S:21, T:17S, R:31E	948	FSL	243	FWL	SURFACE	486	13 3/8	1,050	0
											INTERMEDIATE	1,854	8 5/8	550	263
											PRODUCTION	6,760	5 1/2	1,100	2,903

EXHIBIT 6: WELL TABULATION DATA

											TUBING	6,282	2 7/8		
3001538352	**SKELLY UNIT 707**	CHEVRON U S A INCORPORATED	5/30/2011	6,790	Active	S:21, T:17S, R:31E	857	FSL	1650	FWL	SURFACE	483	13 3/8	500	46
											INTERMEDIATE	1,920	8 5/8	600	184
											PRODUCTION	6,783	5 1/2	1,500	1,523
											TUBING	6,456	2 7/8		
3001538377	**SKELLY UNIT 722**	CHEVRON U S A INCORPORATED	6/21/2011	6,685	Active	S:21, T:17S, R:31E	1650	FSL	2310	FWL	SURFACE	480	13 3/8	500	43
											INTERMEDIATE	1,810	8 5/8	550	219
											PRODUCTION	6,674	5 1/2	1,050	2,992
											TUBING	6,309	2 7/8		
3001538440	**FORAN STATE 5**	COG OPERATING LIMITED LIABILITY CORP	7/10/2011	6,565	Active	S:16, T:17S, R:31E	2145	FNL	855	FEL	SURFACE	487	13 3/8	500	50
											INTERMEDIATE	1,804	8 5/8	600	68
											PRODUCTION	6,562	5 1/2	1,000	3,056
											TUBING	6,341	2 7/8		
3001539121	**FOSTER EDDY 21**	COG OPERATING LIMITED LIABILITY CORP	9/5/2011	6,330	Active	S:17, T:17S, R:31E	940	FNL	2050	FEL	SURFACE	426	13 3/8	1,025	0
											INTERMEDIATE	1,811	8 5/8	550	220
											PRODUCTION	6,327	5 1/2	1,500	1,067
											TUBING	5,857	2 7/8		
3001539123	**FOSTER EDDY 23**	COG OPERATING LIMITED LIABILITY CORP	8/4/2011	6,346	Active	S:17, T:17S, R:31E	1100	FNL	1205	FEL	SURFACE	437	13 3/8	1,000	0
											INTERMEDIATE	1,841	8 5/8	550	250
											PRODUCTION	6,336	5 1/2	1,050	2,654
											TUBING	5,938	2 7/8		
3001539125	**FOSTER EDDY 32**	COG OPERATING LIMITED LIABILITY CORP	9/6/2011	6,338	Active	S:17, T:17S, R:31E	1188	FNL	1170	FEL	SURFACE	428	13 3/8	500	0
											INTERMEDIATE	1,833	8 5/8	750	0
											PRODUCTION	6,332	5 1/2	1,000	2,826
											TUBING	6,050	2 7/8		
3001539128	**FOSTER EDDY 25**	COG OPERATING LIMITED LIABILITY CORP	9/6/2011	6,360	Active	S:17, T:17S, R:31E	990	FNL	330	FEL	SURFACE	452	13 3/8	1,248	0
											INTERMEDIATE	1,810	8 5/8	1,500	0
											PRODUCTION	6,342	5 1/2	1,500	1,082
											TUBING	6,057	2 7/8		
3001539129	**FOSTER EDDY 27**	COG OPERATING LIMITED LIABILITY CORP	7/25/2011	6,314	Active	S:17, T:17S, R:31E	2150	FNL	2200	FWL	SURFACE	351	13 3/8	1,025	0
											INTERMEDIATE	1,800	8 5/8	550	209
											PRODUCTION	6,310	5 1/2	1,750	174
											TUBING	6,047	2 7/8		
3001539130	**FOSTER EDDY 28**	COG OPERATING LIMITED LIABILITY CORP	9/16/2011	6,321	Active	S:17, T:17S, R:31E	1715	FNL	2310	FEL	SURFACE	371	13 3/8	500	0
											INTERMEDIATE	1,810	8 5/8	600	74
											PRODUCTION	6,316	5 1/2	1,000	2,810
											TUBING	5,916	2 7/8		
3001539189	**FAIR `18` FEDERAL 1**	FAIR OIL LIMITED	8/15/2011	6,303	Active	S:18, T:17S, R:31E	2310	FNL	840	FEL	SURFACE	383	13 3/8	950	0
											INTERMEDIATE	3,616	8 5/8	2,830	0
											PRODUCTION	6,302	5 1/2	390	4,935
											TUBING	4,393	2 7/8		
3001539213	**FOSTER EDDY 29**	COG OPERATING LIMITED LIABILITY CORP	9/18/2011	6,320	Active	S:17, T:17S, R:31E	2310	FNL	1650	FEL	SURFACE	372	13 3/8	1,050	0
											INTERMEDIATE	1,812	8 5/8	654	0
											PRODUCTION	6,316	5 1/2	1,000	2,810
											TUBING	6,017	2 7/8		
3001539223	**LEE FEDERAL 42**	APACHE CORPORATION	8/6/2011	6,428	Active	S:17, T:17S, R:31E	425	FSL	2185	FEL	SURFACE	377	13 3/8	450	0
											INTERMEDIATE	1,490	8 5/8	481	98
											PRODUCTION	6,428	5 1/2	1,160	2,361
											TUBING	6,238	2 7/8		
3001539224	**TONY FEDERAL 33**	APACHE CORPORATION	8/18/2011	6,440	Active	S:18, T:17S, R:31E	885	FSL	990	FWL	SURFACE	402	13 3/8	470	0
											INTERMEDIATE	1,532	8 5/8	490	114
											PRODUCTION	6,437	5 1/2	2,075	0
											TUBING	6,335	2 7/8		
3001539225	**TONY FEDERAL 35**	APACHE CORPORATION	8/29/2011	6,415	Active	S:19, T:17S, R:31E	1810	FNL	1650	FEL	SURFACE	388	13 3/8	1,287	0
											INTERMEDIATE	3,502	8 5/8	1,650	0
											PRODUCTION	6,415	5 1/2	1,000	2,909

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											TUBING	6,379	2 7/8		
3001539226	**COFFEE FEDERAL 11**	APACHE CORPORATION	10/9/2011	6,419	Active	S:18, T:17S, R:31E	1120	FNL	1650	FWL	SURFACE	335	13 3/8	1,150	0
											INTERMEDIATE	1,535	8 5/8	1,140	0
											PRODUCTION	6,419	5 1/2	1,330	1,755
											TUBING	6,334	2 7/8		
3001539310	**FOSTER EDDY 33**	COG OPERATING LIMITED LIABILITY CORP	10/24/2011	6,326	Active	S:17, T:17S, R:31E	2166	FNL	315	FEL	SURFACE	391	13 3/8	1,200	0
											INTERMEDIATE	1,850	8 5/8	700	0
											PRODUCTION	6,316	5 1/2	1,000	2,810
											TUBING	6,019	2 7/8		
3001539339	**FOSTER EDDY 26**	COG OPERATING LIMITED LIABILITY CORP	12/5/2011	6,355	Active	S:17, T:17S, R:31E	1400	FNL	1783	FWL	SURFACE	440	13 3/8	1,050	0
											INTERMEDIATE	1,833	8 5/8	600	97
											PRODUCTION	6,345	5 1/2	1,000	2,839
											TUBING	6,004	2 7/8		
3001539340	**FOSTER EDDY 34**	COG OPERATING LIMITED LIABILITY CORP	12/17/2011	6,360	Active	S:17, T:17S, R:31E	2046	FNL	315	FEL	SURFACE	360	13 3/8	1,350	0
											INTERMEDIATE	1,886	8 5/8	600	150
											PRODUCTION	6,350	5 1/2	1,000	2,844
											TUBING	5,483	2 7/8		
3001539341	**FOSTER EDDY 35**	COG OPERATING LIMITED LIABILITY CORP	2/4/2012	6,332	Active	S:17, T:17S, R:31E	1885	FSL	1693	FEL	SURFACE	439	13 3/8	475	24
											INTERMEDIATE	1,853	8 5/8	886	0
											PRODUCTION	6,322	5 1/2	1,600	712
											TUBING	6,017	2 7/8		
3001539342	**TONY FEDERAL 34**	APACHE CORPORATION	9/21/2011	6,416	Active	S:18, T:17S, R:31E	1120	FSL	1345	FEL	SURFACE	370	13 3/8	1,193	0
											INTERMEDIATE	3,525	8 5/8	1,350	0
											PRODUCTION	6,416	5 1/2	1,000	2,910
											TUBING	6,364	2 7/8		
3001539611	**LEE FEDERAL 41**	APACHE CORPORATION	4/4/2012	6,420	Active	S:20, T:17S, R:31E	1700	FNL	460	FWL	SURFACE	381	13 3/8	520	0
											INTERMEDIATE	1,484	8 5/8	940	0
											PRODUCTION	6,420	5 1/2	625	4,228
											TUBING	6,305	2 7/8		
3001539676	**FOSTER EDDY 36**	COG OPERATING LIMITED LIABILITY CORP	3/7/2012	6,358	Active	S:17, T:17S, R:31E	2345	FSL	2008	FEL	SURFACE	385	13 3/8	1,125	0
											INTERMEDIATE	1,854	8 5/8	550	263
											PRODUCTION	6,349	5 1/2	1,650	563
											TUBING	5,979	2 7/8		
3001539836	**TONY FEDERAL 36**	APACHE CORPORATION	7/26/2012	6,430	Active	S:19, T:17S, R:31E	2310	FNL	2260	FWL	SURFACE	300	13 3/8	400	0
											INTERMEDIATE	3,502	8 5/8	3,550	0
											PRODUCTION	6,424	5 1/2	1,010	2,883
											TUBING	6,353	2 7/8		
3001539888	**LEE FEDERAL 50**	APACHE CORPORATION	4/17/2012	6,405	Active	S:20, T:17S, R:31E	1015	FNL	1580	FWL	SURFACE	293	13 3/8	700	0
											INTERMEDIATE	3,501	8 5/8	1,520	0
											PRODUCTION	6,405	5 1/2	1,000	2,899
											TUBING	6,090	2 7/8		
3001539889	**LEE FEDERAL 52**	APACHE CORPORATION	5/30/2012	6,422	Active	S:20, T:17S, R:31E	1650	FNL	2260	FEL	SURFACE	302	13 3/8	460	0
											INTERMEDIATE	3,525	8 5/8	2,519	0
											PRODUCTION	6,422	5 1/2	1,060	2,705
											TUBING	5,901	2 7/8		
3001539897	**LEE FEDERAL 48**	APACHE CORPORATION	8/5/2012	6,406	Active	S:20, T:17S, R:31E	1130	FSL	330	FWL	SURFACE	290	13 3/8	400	0
											INTERMEDIATE	3,500	8 5/8	1,380	0
											PRODUCTION	6,406	5 1/2	960	3,040
											TUBING	6,366	2 7/8		
3001539915	**LEE FEDERAL 46**	APACHE CORPORATION	9/15/2012	6,415	Active	S:20, T:17S, R:31E	2230	FSL	430	FWL	SURFACE	292	13 3/8	405	0
											INTERMEDIATE	3,520	8 5/8	1,390	0
											PRODUCTION	6,415	5 1/2	990	2,944
											TUBING	6,350	2 7/8		
3001539916	**LEE FEDERAL 49**	APACHE CORPORATION	12/19/2012	6,400	Active	S:20, T:17S, R:31E	2125	FNL	2440	FWL	SURFACE	329	13 3/8	700	0
											INTERMEDIATE	3,504	8 5/8	1,430	0
											PRODUCTION	6,400	5 1/2	990	2,929

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											TUBING	6,299	2 7/8		
3001539998	**FOSTER EDDY 31**	COG OPERATING LIMITED LIABILITY CORP	4/19/2012	6,610	Active	S:17, T:17S, R:31E	2310	FNL	1821	FEL	SURFACE	367	13 3/8	1,000	0
											INTERMEDIATE	1,818	8 5/8	600	82
											PRODUCTION	6,594	5 1/2	1,000	3,088
											TUBING	6,057	2 7/8		
3001540013	**BURKETT 16 STATE 1**	COG OPERATING LIMITED LIABILITY CORP	8/19/2012	6,523	Active	S:16, T:17S, R:31E	1650	FNL	1650	FEL	SURFACE	482	13 3/8	500	45
											INTERMEDIATE	1,840	8 5/8	600	104
											PRODUCTION	6,513	5 1/2	1,050	2,831
											TUBING	6,147	2 7/8		
3001540031	**LEE FEDERAL 44**	APACHE CORPORATION	6/29/2012	6,430	Active	S:20, T:17S, R:31E	330	FNL	1650	FEL	SURFACE	329	13 3/8	430	0
											INTERMEDIATE	3,531	8 5/8	2,250	0
											PRODUCTION	6,430	5 1/2	1,090	2,608
											TUBING	6,294	2 7/8		
3001540032	**LEE FEDERAL 45**	APACHE CORPORATION	5/15/2012	6,400	Active	S:20, T:17S, R:31E	1730	FNL	1000	FEL	SURFACE	300	13 3/8	400	0
											INTERMEDIATE	3,514	8 5/8	1,280	0
											PRODUCTION	6,400	5 1/2	1,100	2,543
											TUBING	6,047	2 7/8		
3001540033	**LEE FEDERAL 47**	APACHE CORPORATION	7/12/2012	6,412	Active	S:20, T:17S, R:31E	885	FSL	1740	FEL	SURFACE	384	13 3/8	400	34
											INTERMEDIATE	3,500	8 5/8	1,420	0
											PRODUCTION	6,412	5 1/2	1,100	2,555
											TUBING	6,341	2 7/8		
3001540034	**LEE FEDERAL 51**	APACHE CORPORATION	3/28/2013	6,400	Active	S:17, T:17S, R:31E	1620	FSL	330	FWL	SURFACE	295	13 3/8	660	0
											INTERMEDIATE	3,500	8 5/8	2,900	0
											PRODUCTION	6,400	5 1/2	1,090	2,578
											TUBING	6,016	2 7/8		
3001540094	**SKELLY UNIT 713**	CHEVRON U S A INCORPORATED	5/25/2012	6,645	Active	S:21, T:17S, R:31E	1650	FNL	1650	FWL	SURFACE	315	13 3/8	475	0
											INTERMEDIATE	1,808	8 5/8	600	72
											PRODUCTION	6,645	5 1/2	1,700	684
											TUBING	6,560	2 7/8		
3001540100	**LEE FEDERAL 54**	APACHE CORPORATION	6/15/2012	6,400	Active	S:20, T:17S, R:31E	330	FNL	330	FEL	SURFACE	317	13 3/8	600	0
											INTERMEDIATE	3,510	8 5/8	1,480	0
											PRODUCTION	6,398	5 1/2	1,030	2,786
											TUBING	6,247	2 7/8		
3001540104	**SKELLY UNIT 699**	CHEVRON U S A INCORPORATED	5/13/2012	6,643	Active	S:21, T:17S, R:31E	830	FNL	990	FWL	SURFACE	345	13 3/8	475	0
											INTERMEDIATE	1,800	8 5/8	600	366
											PRODUCTION	6,633	5 1/2	1,050	2,951
											TUBING	6,560	2 7/8		
3001540171	**TONY FEDERAL 37**	APACHE CORPORATION	7/9/2012	6,400	Active	S:19, T:17S, R:31E	460	FNL	1625	FEL	SURFACE	295	13 3/8	400	0
											INTERMEDIATE	3,518	8 5/8	2,120	0
											PRODUCTION	6,400	5 1/2	970	2,999
											TUBING	6,029	2 7/8		
3001540173	**TONY FEDERAL 40**	APACHE CORPORATION	6/27/2012	6,418	Active	S:18, T:17S, R:31E	2310	FSL	1650	FEL	SURFACE	297	13 3/8	390	0
											INTERMEDIATE	3,500	8 5/8	1,950	0
											PRODUCTION	6,418	5 1/2	970	3,017
											TUBING	6,354	2 7/8		
3001540174	**LEE FEDERAL 57**	APACHE CORPORATION	5/28/2012	6,402	Active	S:17, T:17S, R:31E	330	FSL	1650	FWL	SURFACE	292	13 3/8	400	0
											INTERMEDIATE	3,530	8 5/8	2,400	0
											PRODUCTION	6,402	5 1/2	950	3,071
											TUBING	5,830	2 7/8		
3001540175	**LEE FEDERAL 58**	APACHE CORPORATION	3/15/2013	6,412	Active	S:20, T:17S, R:31E	1285	FNL	2470	FEL	SURFACE	293	13 3/8	870	0
											INTERMEDIATE	3,500	8 5/8	1,010	578
											PRODUCTION	6,412	5 1/2	960	3,046
											TUBING	6,081	2 7/8		
3001540176	**LEE FEDERAL 59**	APACHE CORPORATION	6/11/2012	6,412	Active	S:20, T:17S, R:31E	990	FNL	990	FEL	SURFACE	288	13 3/8	750	0
											INTERMEDIATE	3,523	8 5/8	1,370	0
											PRODUCTION	6,412	5 1/2	1,120	2,485

EXHIBIT 6: WELL TABULATION DATA

											TUBING	6,215	2 7/8		
3001540177	**LEE FEDERAL 60**	APACHE CORPORATION	8/16/2012	6,407	Active	S:17, T:17S, R:31E	1115	FSL	330	FEL	SURFACE	337	13 3/8	600	0
											INTERMEDIATE	3,502	8 5/8	1,580	0
											PRODUCTION	6,407	5 1/2	1,030	2,795
											TUBING	6,279	2 7/8		
3001540213	**BURKETT 16 STATE 4**	COG OPERATING LIMITED LIABILITY CORP	11/23/2012	6,543	Active	S:16, T:17S, R:31E	2310	FNL	2210	FEL	SURFACE	454	13 3/8	500	17
											INTERMEDIATE	1,819	8 5/8	600	83
											PRODUCTION	6,533	5 1/2	1,000	3,027
											TUBING	6,105	2 7/8		
3001540293	**LEE FEDERAL 61**	APACHE CORPORATION	1/13/2013	6,400	Active	S:17, T:17S, R:31E	850	FSL	1680	FEL	SURFACE	325	13 3/8	400	0
											INTERMEDIATE	3,504	8 5/8	1,060	437
											PRODUCTION	6,400	5 1/2	960	3,034
											TUBING	5,182	2 7/8		
3001540294	**LEE FEDERAL 62**	APACHE CORPORATION	8/26/2012	6,413	Active	S:17, T:17S, R:31E	900	FSL	990	FWL	SURFACE	334	13 3/8	860	0
											INTERMEDIATE	3,502	8 5/8	1,730	0
											PRODUCTION	6,413	5 1/2	1,030	2,801
											TUBING	6,333	2 7/8		
3001540295	**LEE FEDERAL 63**	APACHE CORPORATION	9/4/2012	6,405	Active	S:20, T:17S, R:31E	2275	FNL	1670	FEL	SURFACE	340	13 3/8	700	0
											INTERMEDIATE	3,500	8 5/8	1,480	0
											PRODUCTION	6,405	5 1/2	1,000	2,899
											TUBING	6,311	2 7/8		
3001540387	**TONY FEDERAL 42**	APACHE CORPORATION	8/11/2012	6,410	Active	S:18, T:17S, R:31E	2425	FSL	2160	FWL	SURFACE	336	13 3/8	1,090	0
											INTERMEDIATE	3,503	8 5/8	2,570	0
											PRODUCTION	6,408	5 1/2	1,140	2,411
											TUBING	6,271	2 7/8		
3001540389	**TONY FEDERAL 44**	APACHE CORPORATION	4/15/2014	6,412	Active	S:18, T:17S, R:31E	370	FSL	2350	FEL	SURFACE	385	13 3/8	450	0
											INTERMEDIATE	3,514	8 5/8	1,450	0
											PRODUCTION	6,412	5 1/2	935	3,134
											TUBING	6,337	2 7/8		
3001540390	**TONY FEDERAL 45**	APACHE CORPORATION	9/27/2012	6,400	Active	S:18, T:17S, R:31E	990	FSL	330	FEL	SURFACE	341	13 3/8	505	0
											INTERMEDIATE	3,515	8 5/8	1,340	0
											PRODUCTION	6,400	5 1/2	1,170	2,298
											TUBING	6,320	2 7/8		
3001540391	**TONY FEDERAL 46**	APACHE CORPORATION	12/7/2012	6,420	Active	S:19, T:17S, R:31E	330	FNL	330	FEL	SURFACE	376	13 3/8	790	0
											INTERMEDIATE	3,524	8 5/8	1,730	0
											PRODUCTION	6,420	5 1/2	1,030	2,808
											TUBING	5,702	2 7/8		
3001540471	**TONY FEDERAL 38**	APACHE CORPORATION	4/19/2013	6,415	Active	S:18, T:17S, R:31E	2300	FSL	435	FEL	SURFACE	357	13 3/8	750	0
											INTERMEDIATE	3,516	8 5/8	1,310	0
											PRODUCTION	6,415	5 1/2	990	2,944
											TUBING	5,990	2 7/8		
3001540730	**LEE FEDERAL 56**	APACHE CORPORATION	12/31/2012	6,384	Active	S:17, T:17S, R:31E	2300	FSL	450	FWL	SURFACE	421	13 3/8	860	0
											INTERMEDIATE	3,512	8 5/8	1,010	590
											PRODUCTION	6,378	5 1/2	1,010	2,837
											TUBING	5,896	2 7/8		
3001540957	**COFFEE FEDERAL 12**	APACHE CORPORATION	5/1/2013	6,400	Active	S:18, T:17S, R:31E	1650	FNL	2260	FWL	SURFACE	395	13 3/8	490	0
											INTERMEDIATE	3,536	8 5/8	2,610	0
											PRODUCTION	6,400	5 1/2	930	3,139
											TUBING	5,701	2 7/8		
3001540959	**COFFEE FEDERAL 14**	APACHE CORPORATION	9/13/2013	6,418	Active	S:18, T:17S, R:31E	2310	FNL	990	FWL	SURFACE	425	13 3/8	800	0
											INTERMEDIATE	3,524	8 5/8	1,180	110
											PRODUCTION	6,418	5 1/2	1,000	2,912
											TUBING	6,371	2 7/8		
3001541044	**COFFEE FEDERAL 19**	APACHE CORPORATION	9/25/2013	6,412	Active	S:18, T:17S, R:31E	2350	FNL	450	FWL	SURFACE	426	13 3/8	530	0
											INTERMEDIATE	3,503	8 5/8	1,050	465
											PRODUCTION	6,412	5 1/2	910	3,221

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											TUBING	5,835	2 7/8		
3001541045	**COFFEE FEDERAL 20**	APACHE CORPORATION	7/5/2013	6,400	Active	S:18, T:17S, R:31E	2370	FNL	1525	FWL	SURFACE	386	13 3/8	780	0
											INTERMEDIATE	3,501	8 5/8	1,150	174
											PRODUCTION	6,400	5 1/2	960	3,034
											TUBING	6,381	2 7/8		
3001541109	**LEE FEDERAL 65**	APACHE CORPORATION	11/15/2013	6,400	Active	S:17, T:17S, R:31E	240	FSL	990	FEL	SURFACE	322	13 3/8	400	0
											INTERMEDIATE	3,540	8 5/8	3,380	0
											PRODUCTION	6,400	5 1/2	1,010	2,859
											TUBING	6,271	2 7/8		
3001541112	**LEE FEDERAL 70**	APACHE CORPORATION	10/20/2013	6,412	Active	S:20, T:17S, R:31E	2260	FSL	990	FEL	SURFACE	333	13 3/8	559	0
											INTERMEDIATE	3,503	8 5/8	1,090	350
											PRODUCTION	6,412	5 1/2	1,020	2,835
											TUBING	6,275	2 7/8		
3001541113	**LEE FEDERAL 73**	APACHE CORPORATION	11/2/2013	6,362	Active	S:20, T:17S, R:31E	1570	FSL	465	FEL	SURFACE	371	13 3/8	720	0
											INTERMEDIATE	3,417	8 5/8	1,090	264
											PRODUCTION	6,362	5 1/2	1,100	2,505
											TUBING	6,211	2 7/8		
3001541253	**LEE FEDERAL 72**	APACHE CORPORATION	12/14/2013	6,410	Active	S:20, T:17S, R:31E	1585	FSL	1650	FEL	SURFACE	339	13 3/8	505	0
											INTERMEDIATE	3,502	8 5/8	1,160	146
											PRODUCTION	6,410	5 1/2	930	3,149
											TUBING	6,329	2 7/8		
3001541348	**LEE FEDERAL 71**	APACHE CORPORATION	12/12/2013	6,408	Active	S:20, T:17S, R:31E	1920	FSL	2220	FWL	SURFACE	305	13 3/8	770	0
											INTERMEDIATE	3,505	8 5/8	1,160	149
											PRODUCTION	6,408	5 1/2	900	3,252
											TUBING	6,396	2 7/8		
3001541421	**LEE FEDERAL 74**	APACHE CORPORATION	12/3/2013	6,443	Active	S:20, T:17S, R:31E	550	FSL	1670	FWL	SURFACE	375	13 3/8	730	0
											INTERMEDIATE	3,523	8 5/8	1,100	341
											PRODUCTION	6,443	5 1/2	1,060	2,726
											TUBING	6,305	2 7/8		
3001541422	**TONY FEDERAL 52**	APACHE CORPORATION	12/19/2013	6,409	Active	S:18, T:17S, R:31E	380	FSL	330	FWL	SURFACE	382	13 3/8	831	0
											INTERMEDIATE	3,517	8 5/8	2,270	0
											PRODUCTION	6,409	5 1/2	1,050	2,727
											TUBING	6,234	2 7/8		
3001541551	**LEE FEDERAL 76**	APACHE CORPORATION	12/27/2013	6,414	Active	S:17, T:17S, R:31E	1090	FSL	2520	FEL	SURFACE	350	13 3/8	430	0
											INTERMEDIATE	3,510	8 5/8	1,440	0
											PRODUCTION	6,410	5 1/2	870	3,359
											TUBING	6,324	2 7/8		
3001541656	**STATE AZ 606**	LINN OPERATING INC	12/3/2013	4,013	Active	S:16, T:17S, R:31E	330	FSL	729	FWL	SURFACE	406	8 5/8	400	0
											PRODUCTION	4,012	5 1/2	700	1,558
											TUBING	2,997	2 7/8		
3001541712	**STATE B 604**	LINN OPERATING INC	12/17/2013	4,203	Active	S:16, T:17S, R:31E	1646	FSL	2580	FEL	SURFACE	381	8 5/8	250	0
											PRODUCTION	4,203	5 1/2	1,085	399
3001541715	**STATE A 612**	LINN OPERATING INC	12/11/2013	4,237	Active	S:16, T:17S, R:31E	2198	FNL	836	FWL	SURFACE	465	8 5/8	400	0
											PRODUCTION	4,237	5 1/2	800	1,432
											TUBING	3,099	2 7/8		
3001541763	**FAIR `17` FEDERAL 2**	FAIR OIL LIMITED	7/24/2014	6,130	Active	S:17, T:17S, R:31E	2310	FNL	660	FWL	SURFACE	512	13 3/8	1,075	0
											INTERMEDIATE	3,596	9 5/8	902	1,846
											PRODUCTION	6,130	5 1/2	845	3,167
											TUBING	3,543	2 7/8		
3001541843	**LEE FEDERAL 88**	APACHE CORPORATION	2/1/2014	6,400	Active	S:20, T:17S, R:31E	470	FSL	1665	FWL	SURFACE	338	13 3/8	1,214	0
											INTERMEDIATE	3,500	8 5/8	1,160	144
											PRODUCTION	6,400	5 1/2	980	2,964
											TUBING	6,365	2 7/8		
3001541844	**LEE FEDERAL 92**	APACHE CORPORATION	1/19/2014	6,407	Active	S:20, T:17S, R:31E	430	FSL	820	FEL	SURFACE	386	13 3/8	885	0
											INTERMEDIATE	3,500	8 5/8	1,160	144
											PRODUCTION	6,407	5 1/2	930	3,146

EXHIBIT 6: WELL TABULATION DATA

											TUBING	6,364	2 7/8		
3001541901	**LEE FEDERAL 84**	APACHE CORPORATION	3/25/2014	6,402	Active	S:20, T:17S, R:31E	815	FSL	990	FEL	SURFACE	417	13 3/8	1,160	0
											INTERMEDIATE	3,524	8 5/8	1,270	0
											PRODUCTION	6,402	5 1/2	1,000	2,896
											TUBING	6,323	2 7/8		
3001541902	**LEE FEDERAL 83**	APACHE CORPORATION	2/21/2014	6,417	Active	S:20, T:17S, R:31E	865	FSL	2125	FEL	SURFACE	405	13 3/8	574	0
											INTERMEDIATE	3,526	8 5/8	1,830	0
											PRODUCTION	6,417	5 1/2	950	3,086
											TUBING	6,331	2 7/8		
3001505190	**TURNER B-FEDERAL-SP 31**	SOCORRO PETROLEUM COMPANY	9/25/1951	2,067	Expired Temporary Abandonment	S:17, T:17S, R:31E	330	FSL	330	FEL	SURFACE	578	9 5/8	50	481
											PRODUCTION	2,024	7	100	1,620
3001505191	**TURNER B-FEDERAL-SP 32**	SOCORRO PETROLEUM COMPANY	9/26/1951	2,021	Expired Temporary Abandonment	S:17, T:17S, R:31E	330	FSL	1650	FEL	SURFACE	562	9 5/8	50	465
											PRODUCTION	1,976	7	100	1,572
3001505193	**TURNER B-FEDERAL-SP 37**	SOCORRO PETROLEUM COMPANY	9/19/1952	1,969	Expired Temporary Abandonment	S:17, T:17S, R:31E	330	FSL	990	FWL	SURFACE	533	8	50	321
											PRODUCTION	1,902	7	100	1,046
3001505194	**TURNER B-FEDERAL-SP 40**	SOCORRO PETROLEUM COMPANY	2/21/1953	1,992	Expired Temporary Abandonment	S:17, T:17S, R:31E	1650	FSL	990	FWL	SURFACE	543	8 5/8	50	398
											PRODUCTION	1,925	7	25	1,711
3001505290	**TURNER B-FEDERAL SP 18**	AVON ENERGY CORPORATION	5/2/1945	2,067	Expired Temporary Abandonment	S:20, T:17S, R:31E	1980	FSL	1980	FEL	SURFACE	536	8 1/4	50	285
											PRODUCTION	1,945	7	100	1,089
3001505305	**TURNER B-FEDERAL SP 33**	SOCORRO PETROLEUM COMPANY	10/5/1951	2,039	Expired Temporary Abandonment	S:20, T:17S, R:31E	990	FNL	330	FEL	SURFACE	565	9 5/8	50	468
											PRODUCTION	1,984	7	100	1,580
3001505306	**TURNER B-FEDERAL SP 34**	AVON ENERGY CORPORATION	11/18/1951	2,057	Expired Temporary Abandonment	S:20, T:17S, R:31E	2310	FNL	330	FEL	SURFACE	556	8 5/8	50	411
											PRODUCTION	1,957	7	106	1,050
3001505308	**TURNER B-FEDERAL SP 38**	SOCORRO PETROLEUM COMPANY	10/21/1952	1,949	Expired Temporary Abandonment	S:20, T:17S, R:31E	990	FNL	2310	FWL	SURFACE	526	8 5/8	50	381
											PRODUCTION	1,892	7	100	1,036
3001505309	**TURNER B-FEDERAL SP 39**	AVON ENERGY CORPORATION	11/3/1952	2,010	Expired Temporary Abandonment	S:20, T:17S, R:31E	2310	FNL	1650	FEL	SURFACE	535	8 5/8	50	390
											PRODUCTION	1,955	7	100	1,099
3001505174	**STATE C 1**	DELMER W BERRY	6/17/1937	3,749	Plugged, Site Released	S:16, T:17S, R:31E	2310	FNL	990	FEL	SURFACE	630	8	30	503
											INTERMEDIATE	3,290	7	100	2,434
											PRODUCTION	1,250	5 1/2	740	0
3001505176	**STATE B 4**	RANDEL O H	12/9/1947	2,250	Plugged, Site Released	S:16, T:17S, R:31E	2310	FNL	2310	FEL	SURFACE	560	8	25	454
3001505179	**HUDSON-FEDERAL 3**	DEVON ENERGY CORPORATION	4/4/1941	3,497	Plugged, Site Released	S:17, T:17S, R:31E	1650	FNL	330	FWL	SURFACE	636	8 1/4	50	385
											PRODUCTION	2,780	7	100	1,924
3001505181	**TURNER B-FEDERAL-SP 1**	LINN OPERATING INC	8/25/1938	3,530	Plugged, Site Released	S:17, T:17S, R:31E	990	FSL	330	FEL	SURFACE	10	10	circulate	0
											INTERMEDIATE	590	8 1/4	50	339
											PRODUCTION	2,900	5 1/2	100	2,549
3001505184	**TURNER B-FEDERAL-SP 5**	MERIT ENERGY COMPANY	1/1/1942	3,461	Plugged, Site Released	S:17, T:17S, R:31E	1980	FSL	660	FWL	SURFACE	535	8 1/4	50	284
											PRODUCTION	2,952	7	100	2,096
3001505187	**SUPERIOR-FEDERAL 1**	TRINITY UNIVERSITY & CLOSUIT	3/2/1938	3,542	Plugged, Site Released	S:17, T:17S, R:31E	1650	FSL	355	FEL	SURFACE	634	8 5/8	50	489
											PRODUCTION	2,996	7	125	1,926
3001505192	**TURNER B-FEDERAL-SP 35**	SOCORRO PETROLEUM COMPANY	11/4/1951	1,964	Plugged, Site Released	S:17, T:17S, R:31E	330	FSL	2310	FWL	SURFACE	543	8 5/8	50	398
											PRODUCTION	1,959	7	110	1,018
3001505196	**FOSTER 2**	SUPERIOR OIL COMPANY THE	11/28/1942	3,468	Plugged, Site Released	S:17, T:17S, R:31E	1980	FSL	1980	FEL	SURFACE	536	8 1/4	50	285
											PRODUCTION	2,900	7	100	2,044
3001505197	**FOSTER-EDDY-FEDERAL 3**	MARBOB ENERGY CORPORATION	4/1/1943	3,520	Plugged, Site Released	S:17, T:17S, R:31E	1980	FNL	1980	FWL	SURFACE	543	8 5/8	50	398
											PRODUCTION	2,913	7	100	2,057
3001505198	**FOSTER 1**	SUPERIOR OIL COMPANY THE	7/8/1937	3,608	Plugged, Site Released	S:17, T:17S, R:31E	2310	FNL	330	FEL	SURFACE	21	10	10	0
											INTERMEDIATE	615	8 1/4	50	364
											PRODUCTION	3,380	7	100	2,524
3001505200	**FOSTER-FEDERAL 1**	SUN OIL COMPANY	6/14/1949	3,486	Plugged, Site Released	S:17, T:17S, R:31E	2310	FNL	2310	FEL	SURFACE	945	8 1/4	100	443
											PRODUCTION	2,839	7	100	1,983
3001505202	**FOSTER-FEDERAL 3**	MERIT ENERGY COMPANY	10/6/1949	3,504	Plugged, Site Released	S:17, T:17S, R:31E	2310	FNL	990	FEL	SURFACE	515	8 5/8	50	370
											PRODUCTION	2,855	7	50	2,427
3001505204	**FOSTER A 5**	WEIER DRILLING COMPANY	4/25/1950	2,140	Plugged, Site Released	S:17, T:17S, R:31E	2310	FNL	660	FEL	SURFACE	516	7	50	314
3001505205	**FOSTER A 6**	WESTALL RAY	10/26/1950	3,467	Plugged, Site Released	S:17, T:17S, R:31E	2310	FNL	1650	FEL	SURFACE	508	8 1/4	50	257
											INTERMEDIATE	1,995	7	100	1,139

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											PRODUCTION	2,861	4 1/2	50	2,507
3001505207	**FOSTER-FEDERAL 8**	WEIER DRILLING COMPANY	5/15/1954	2,081	Plugged, Site Released	S:17, T:17S, R:31E	2342	FNL	1682	FWL	SURFACE	518	7	50	316
											PRODUCTION	1,962	5 1/2	100	1,034
3001505209	**HUDSON-FEDERAL 2**	DEVON ENERGY CORPORATION	8/22/1939	3,501	Plugged, Site Released	S:18, T:17S, R:31E	1650	FNL	990	FEL	SURFACE	635	9	50	460
											PRODUCTION	2,770	7	100	2,366
3001505210	**TURNER A-FEDERAL-SP 6**	DEVON ENERGY OPERATING COMPANY	4/27/1940	3,494	Plugged, Site Released	S:18, T:17S, R:31E	330	FSL	1650	FWL	SURFACE	518	8 1/4	50	267
											PRODUCTION	2,945	7	100	2,089
3001505212	**TURNER A-FEDERAL-SP 4**	ARCO OIL & GAS CORPORATION	3/7/1938	3,522	Plugged, Site Released	S:18, T:17S, R:31E	660	FSL	660	FWL	SURFACE	580	8 1/4	50	329
											PRODUCTION	3,400	5 1/2	100	3,049
3001505213	**TURNER A-FEDERAL-SP 8**	SOCORRO PETROLEUM COMPANY	7/23/1940	3,448	Plugged, Site Released	S:18, T:17S, R:31E	660	FSL	1980	FEL	SURFACE	548	8 1/4	50	297
											PRODUCTION	2,918	7	100	2,062
3001505223	**TURNER A-FEDERAL SP 27**	ARCO OIL & GAS CORPORATION	3/18/1953	1,997	Plugged, Site Released	S:18, T:17S, R:31E	330	FSL	1398	FWL	SURFACE	580	8 5/8	50	435
											PRODUCTION	1,925	7	100	1,069
3001505225	**TURNER A-FEDERAL SP 28**	SINCLAIR OIL & GAS COMPANY	4/16/1953	1,949	Plugged, Site Released	S:18, T:17S, R:31E	330	FSL	2310	FEL	SURFACE	530	9 5/8	50	433
											PRODUCTION	1,882	7	100	1,478
3001505226	**TURNER A-FEDERAL SP 29**	SOCORRO PETROLEUM COMPANY	5/4/1953	1,977	Plugged, Site Released	S:18, T:17S, R:31E	705	FSL	660	FEL	SURFACE	556	9 5/8	50	459
											PRODUCTION	1,910	7	100	1,506
3001505228	**TURNER A-FEDERAL SP 30**	SOCORRO PETROLEUM COMPANY	3/26/1953	1,969	Plugged, Site Released	S:18, T:17S, R:31E	1880	FSL	660	FEL	SURFACE	530	9 5/8	50	433
											PRODUCTION	1,901	7	100	1,497
3001505229	**TURNER A-FEDERAL SP 31**	ARCO OIL & GAS CORPORATION	6/8/1953	1,999	Plugged, Site Released	S:18, T:17S, R:31E	560	FSL	660	FWL	SURFACE	578	9 5/8	50	481
											PRODUCTION	1,938	7	100	1,534
3001505230	**TURNER A-FEDERAL SP 32**	SOCORRO PETROLEUM COMPANY	7/22/1953	1,965	Plugged, Site Released	S:18, T:17S, R:31E	1650	FSL	1650	FEL	SURFACE	530	9 5/8	50	433
											PRODUCTION	1,895	7	100	1,491
3001505231	**TURNER A-FEDERAL SP 33**	SOCORRO PETROLEUM COMPANY	8/27/1953	2,007	Plugged, Site Released	S:18, T:17S, R:31E	1650	FSL	2058	FWL	SURFACE	570	9 5/8	50	473
											PRODUCTION	1,938	7	100	1,534
3001505232	**TURNER A-FEDERAL SP 34**	SOCORRO PETROLEUM COMPANY	9/27/1953	2,000	Plugged, Site Released	S:18, T:17S, R:31E	1650	FSL	738	FWL	SURFACE	565	9 5/8	50	468
											PRODUCTION	1,935	7	100	1,531
3001505235	**FRIESS-FEDERAL 1**	KENNEDY OIL COMPANY INCORPORATED	5/23/1962	7,085	Plugged, Site Released	S:19, T:17S, R:31E	1650	FSL	1980	FEL	SURFACE	400	10	mudded	0
											INTERMEDIATE	1,400	8 5/8	200	0
											PRODUCTION	7,085	5 1/2	500	5,332
3001505236	**TURNER A-FEDERAL SP 7**	DEVON ENERGY OPERATING COMPANY	5/24/1940	3,442	Plugged, Site Released	S:19, T:17S, R:31E	330	FNL	1980	FWL	SURFACE	560	8 1/4	50	309
											PRODUCTION	2,960	7	100	2,104
3001505241	**TURNER A-FEDERAL SP 16**	ARCO OIL & GAS CORPORATION	3/2/1944	1,927	Plugged, Site Released	S:19, T:17S, R:31E	1980	FNL	660	FEL	SURFACE	488	7	50	286
											PRODUCTION	1,875	5 1/2	100	947
3001505242	**TURNER A-FEDERAL SP 17**	ARCO OIL & GAS CORPORATION	8/29/1944	1,965	Plugged, Site Released	S:19, T:17S, R:31E	1980	FNL	1980	FEL	SURFACE	493	7	50	291
											PRODUCTION	1,847	5 1/2	1,004	0
3001505245	**TURNER A-FEDERAL SP 20**	ATLANTIC RICHFIELD COMPANY THE	4/16/1948	1,935	Plugged, Site Released	S:19, T:17S, R:31E	2310	FNL	990	FEL	SURFACE	510	7	50	308
											PRODUCTION	1,866	5 1/2	100	938
3001505246	**TURNER A-FEDERAL SP 21**	ATLANTIC RICHFIELD COMPANY THE	10/11/1948	1,932	Plugged, Site Released	S:19, T:17S, R:31E	2310	FNL	2310	FEL	SURFACE	500	8 5/8	30	413
											PRODUCTION	1,850	5 1/2	75	1,587
3001505248	**TURNER A-FEDERAL SP 23**	SOCORRO PETROLEUM COMPANY	11/25/1948	1,966	Plugged, Site Released	S:19, T:17S, R:31E	660	FNL	660	FEL	SURFACE	516	8	25	410
											PRODUCTION	1,880	5 1/2	100	952
3001505252	**FRIESS 4**	FREN OIL COMPANY	12/8/1943	3,185	Plugged, Site Released	S:19, T:17S, R:31E	1980	FSL	660	FEL	SURFACE	487	8	50	275
											INTERMEDIATE	1,844	7	100	988
											PRODUCTION	3,180	5 1/2	150	1,788
3001505257	**FREN OIL CO 9**	ATLANTIC RICHFIELD COMPANY THE	2/5/1947	3,445	Plugged, Site Released	S:19, T:17S, R:31E	2310	FSL	330	FEL	SURFACE	506	8 5/8	50	361
											PRODUCTION	2,590	7	130	1,478
3001505258	**FRIESS 10**	DEVON ENERGY CORPORATION	1/6/1947	3,308	Plugged, Site Released	S:19, T:17S, R:31E	990	FSL	330	FEL	SURFACE	494	10 5/8	50	296
											PRODUCTION	1,780	7	130	1,255
											LINER	3,308	4 1/2	225	1,717
3001505259	**FREN OIL CO 11**	SOCORRO PETROLEUM COMPANY	5/4/1947	2,042	Plugged, Site Released	S:19, T:17S, R:31E	2310	FSL	430	FEL	SURFACE	448	8 5/8	50	303
											PRODUCTION	1,805	7	120	778
3001505262	**FREN OIL CO 16**	MARBOB ENERGY CORPORATION	8/24/1961	7,067	Plugged, Site Released	S:19, T:17S, R:31E	990	FSL	355	FEL	SURFACE	1,517	8 5/8	250	794
											PRODUCTION	7,060	5 1/2	600	4,956
3001505265	**FREN OIL CO 19**	MARBOB ENERGY CORPORATION	3/12/1962	7,100	Plugged, Site Released	S:19, T:17S, R:31E	1650	FSL	990	FEL	SURFACE	1,391	8 5/8	650	0
											PRODUCTION	7,100	4 1/2	1,200	0

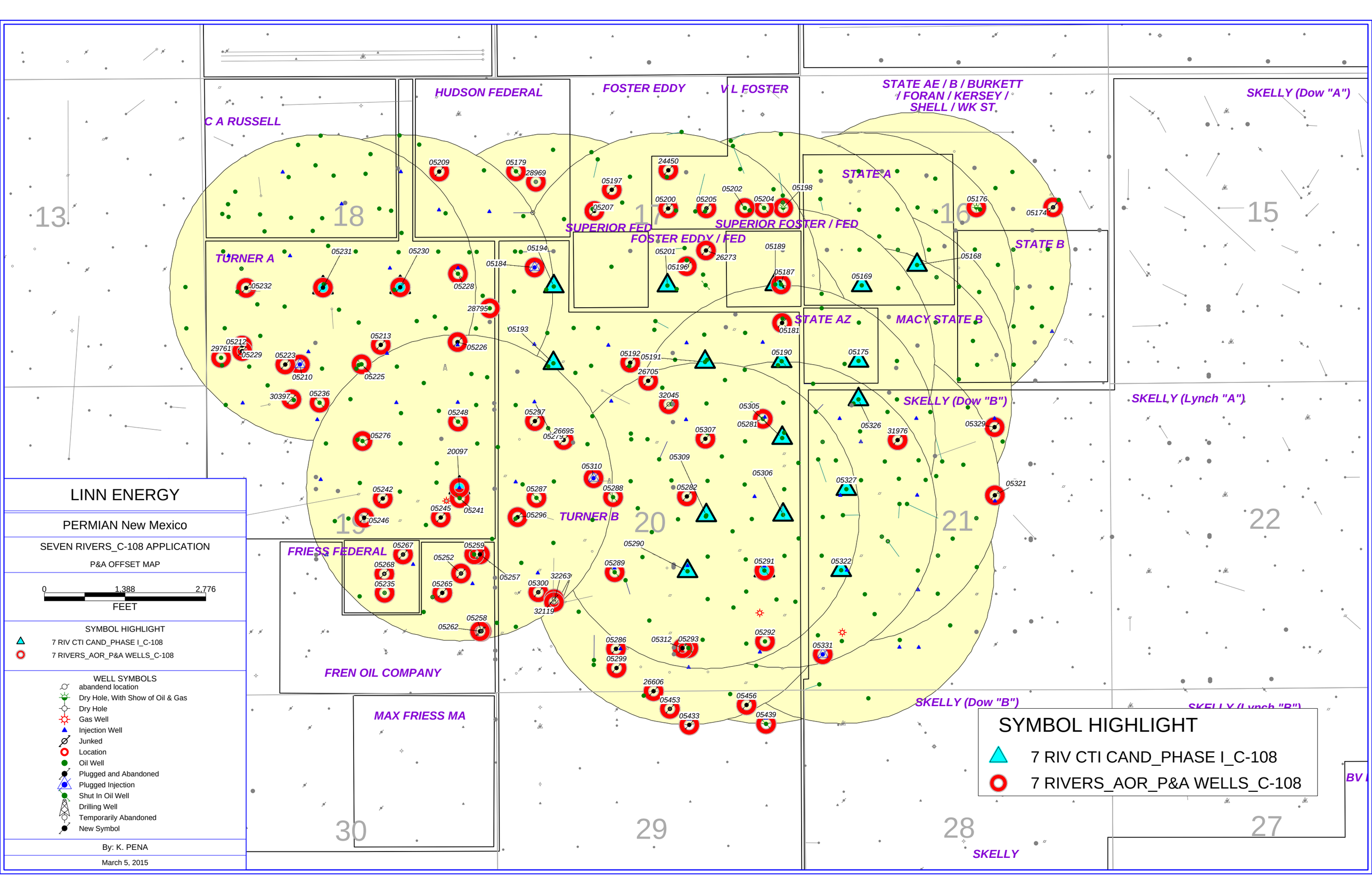
EXHIBIT 6: WELL TABULATION DATA

3001505267	**FRIESS-FEDERAL 1**	DEVON ENERGY (NEVADA)	9/18/1941	3,521	Plugged, Site Released	S:19, T:17S, R:31E	2310	FSL	1650	FEL	SURFACE	465	8 1/4	50	214
											PRODUCTION	2,719	7	100	1,863
3001505268	**FRIESS 2**	DEVON ENERGY CORPORATION	7/17/1944	3,110	Plugged, Site Released	S:19, T:17S, R:31E	1980	FSL	1980	FEL	SURFACE	470	8	50	258
											INTERMEDIATE	1,804	7	100	948
											PRODUCTION	2,982	5 1/2	150	1,590
3001505276	**TURNER A-FEDERAL SP 25**	SOCORRO PETROLEUM COMPANY	10/24/1952	1,915	Plugged, Site Released	S:19, T:17S, R:31E	990	FNL	2310	FEL	SURFACE	508	8 5/8	50	363
											PRODUCTION	1,848	7	100	992
3001505281	**TURNER B 9**	SINCLAIR OIL & GAS COMPANY	6/30/1942	3,485	Plugged, Site Released	S:20, T:17S, R:31E	660	FNL	660	FEL	SURFACE	559	8 1/4	50	308
											PRODUCTION	2,830	7	100	1,974
											LINER	3,435	5	150	2,100
3001505282	**TURNER B-FEDERAL SP 10**	ARCO OIL & GAS CORPORATION	6/30/1942	3,450	Plugged, Site Released	S:20, T:17S, R:31E	1980	FNL	1980	FEL	SURFACE	528	8 1/4	50	277
											PRODUCTION	2,814	7	100	1,958
3001505286	**TURNER B-FEDERAL SP 14**	ATLANTIC RICHFIELD COMPANY THE	6/17/1944	2,115	Plugged, Site Released	S:20, T:17S, R:31E	660	FSL	1980	FWL	SURFACE	556	7	50	354
											PRODUCTION	1,940	5 1/2	100	1,012
3001505287	**TURNER B-FEDERAL SP 15**	HONDO OIL & GAS COMPANY	8/31/1944	1,949	Plugged, Site Released	S:20, T:17S, R:31E	1980	FNL	660	FWL	SURFACE	510	8 5/8	50	365
											PRODUCTION	1,875	7	100	1,019
3001505288	**TURNER B-FEDERAL SP 16**	HONDO OIL & GAS COMPANY	11/1/1944	1,974	Plugged, Site Released	S:20, T:17S, R:31E	1980	FNL	1980	FWL	SURFACE	526	8	50	314
											PRODUCTION	1,876	7	100	1,020
3001505289	**TURNER B-FEDERAL SP 17**	HONDO OIL & GAS COMPANY	11/13/1944	2,046	Plugged, Site Released	S:20, T:17S, R:31E	1980	FSL	1980	FWL	SURFACE	600	7	50	398
											PRODUCTION	1,945	5 1/2	100	1,017
3001505291	**TURNER B-FEDERAL SP 19**	HONDO OIL & GAS COMPANY	7/16/1945	2,096	Plugged, Site Released	S:20, T:17S, R:31E	1980	FSL	660	FEL	SURFACE	600	8 5/8	50	455
											PRODUCTION	2,022	7	100	1,166
3001505292	**TURNER B-FEDERAL SP 20**	SINCLAIR OIL & GAS COMPANY	10/13/1945	2,184	Plugged, Site Released	S:20, T:17S, R:31E	760	FSL	660	FEL	SURFACE	568	8 5/8	50	423
											PRODUCTION	2,075	7	100	1,219
3001505293	**TURNER B-FEDERAL SP 21**	HONDO OIL & GAS COMPANY	12/8/1945	2,139	Plugged, Site Released	S:20, T:17S, R:31E	660	FSL	1980	FEL	SURFACE	590	8 5/8	50	445
											PRODUCTION	2,039	7	100	1,183
3001505296	**TURNER B-FEDERAL SP 28**	ATLANTIC RICHFIELD COMPANY THE	4/19/1948	1,949	Plugged, Site Released	S:20, T:17S, R:31E	2310	FNL	330	FWL	SURFACE	510	7	50	308
											PRODUCTION	1,873	5	100	983
3001505297	**TURNER B-FEDERAL SP 29**	SOCORRO PETROLEUM COMPANY	11/30/1948	1,982	Plugged, Site Released	S:20, T:17S, R:31E	660	FNL	660	FWL	SURFACE	525	8 5/8	50	380
											PRODUCTION	1,890	5 1/2	100	1,539
3001505299	**TURNER B-ABO FED SP 65**	MARBOB ENERGY CORPORATION	3/25/1960	7,497	Plugged, Site Released	S:20, T:17S, R:31E	330	FSL	1980	FWL	SURFACE	477	13 3/8	525	18
											INTERMEDIATE	3,726	8 5/8	3,300	0
											PRODUCTION	7,497	4 1/2	1,000	425
3001505300	**TURNER B-SP 67**	ATLANTIC RICHFIELD COMPANY THE	5/26/1960	7,223	Plugged, Site Released	S:20, T:17S, R:31E	1650	FSL	660	FWL	SURFACE	470	13 3/8	100	383
											PRODUCTION	3,800	8 5/8	900	1,196
											LINER	7,221	4 1/2	910	786
3001505307	**TURNER B-FEDERAL SP 36**	SOCORRO PETROLEUM COMPANY	11/12/1951	1,997	Plugged, Site Released	S:20, T:17S, R:31E	990	FNL	1650	FEL	SURFACE	556	8 5/8	50	411
											PRODUCTION	1,997	7	110	1,056
3001505310	**TURNER B-FEDERAL SP 41**	MERIT ENERGY COMPANY	5/15/1953	3,455	Plugged, Site Released	S:20, T:17S, R:31E	1650	FNL	1650	FWL	SURFACE	535	9 5/8	30	477
											PRODUCTION	3,455	5 1/2	200	2,754
3001505312	**TURNER B-FEDERAL SP 45**	ATLANTIC RICHFIELD COMPANY THE	2/29/1956	3,350	Plugged, Site Released	S:20, T:17S, R:31E	660	FSL	2080	FEL	SURFACE	555	8 5/8	50	410
											PRODUCTION	3,350	5 1/2	200	2,649
3001505321	**SKELLY UNIT 9**	WISER OIL COMPANY THE	1/22/1944	3,677	Plugged, Site Released	S:21, T:17S, R:31E	1980	FNL	1980	FEL	SURFACE	627	8 5/8	100	338
											INTERMEDIATE	2,035	7	150	751
											PRODUCTION	2,954	5 1/2	300	169
3001505329	**SKELLY UNIT 4**	LINN OPERATING INC	10/7/1950	2,227	Plugged, Site Released	S:21, T:17S, R:31E	810	FNL	1980	FEL	SURFACE	611	8 5/8	150	177
											PRODUCTION	1,970	7	175	472
3001505331	**SKELLY UNIT 74**	FOREST OIL CORPORATION	2/26/1957	3,281	Plugged, Site Released	S:21, T:17S, R:31E	530	FSL	330	FWL	SURFACE	652	8 5/8	155	204
											PRODUCTION	3,225	7	200	1,513
3001505433	**TURNER B-FEDERAL SP 24**	ATLANTIC RICHFIELD COMPANY THE	4/19/1947	2,219	Plugged, Site Released	S:29, T:17S, R:31E	660	FNL	1980	FEL	SURFACE	542	8 5/8	50	397
											PRODUCTION	2,112	7	100	1,256
3001505439	**TURNER B-FEDERAL SP 22**	SOCORRO PETROLEUM COMPANY	2/3/1946	2,242	Plugged, Site Released	S:29, T:17S, R:31E	660	FNL	660	FEL	SURFACE	584	8	50	372
											PRODUCTION	2,165	5 1/2	100	1,237
3001505453	**TURNER B-ABO FED SP 69**	MARBOB ENERGY CORPORATION	7/29/1960	7,230	Plugged, Site Released	S:29, T:17S, R:31E	380	FNL	2310	FEL	SURFACE	312	13 3/8	400	0
											INTERMEDIATE	1,600	8 5/8	800	0
											PRODUCTION	7,230	4 1/2	1,100	0

EXHIBIT 6: WELL TABULATION DATA

3001505456	**TURNER B-ABO FED SP 74**	ARCO OIL & GAS CORPORATION	10/27/1960	7,250	Plugged, Site Released	S:29, T:17S, R:31E	330	FNL	990	FEL	SURFACE	1,600	8 5/8	776	0
											PRODUCTION	7,250	4 1/2	1,300	0
3001520097	**TURNER A WI35**	LINN OPERATING INC	12/2/1967	3,635	Plugged, Site Released	S:19, T:17S, R:31E	1800	FNL	660	FEL	SURFACE	555	8 5/8	350	0
											PRODUCTION	3,635	4 1/2	490	170
3001524450	**LAST CHANCE FEDERAL 1**	MERIT ENERGY COMPANY	4/5/1983	3,612	Plugged, Site Released	S:17, T:17S, R:31E	1650	FNL	2310	FEL	SURFACE	574	8 5/8	400	0
											PRODUCTION	3,612	5 1/2	1,000	106
3001526273	**FOSTER EDDY 9**	COG OPERATING LIMITED LIABILITY CORP	11/29/1990	5,560	Plugged, Site Released	S:17, T:17S, R:31E	2310	FSL	1650	FEL	SURFACE	507	8 5/8	325	0
											PRODUCTION	5,536	5 1/2	2,550	0
3001526606	**TURNER `B` 90**	DEVON ENERGY CORPORATION	1/11/1991	3,606	Plugged, Site Released	S:29, T:17S, R:31E	75	FNL	2610	FWL	SURFACE	606	8 5/8	465	0
											PRODUCTION	3,603	5 1/2	1,620	0
3001526695	**TURNER `B` 101**	LINN OPERATING INC	6/7/1992	3,857	Plugged, Site Released	S:20, T:17S, R:31E	990	FNL	1150	FWL	SURFACE	367	13 3/8	400	17
											INTERMEDIATE	1,246	8 5/8	800	0
											PRODUCTION	3,856	5 1/2	1,100	0
3001526705	**TURNER `B` 105**	DEVON ENERGY CORPORATION	6/24/1992	3,794	Plugged, Site Released	S:17, T:17S, R:31E	15	FSL	2625	FEL	SURFACE	298	13 3/8	400	0
											INTERMEDIATE	1,289	8 5/8	600	0
											PRODUCTION	3,794	5 1/2	900	638
3001528795	**TURNER A 52**	LINN OPERATING INC	3/25/1996	3,795	Plugged, Site Released	S:18, T:17S, R:31E	1335	FSL	110	FEL	SURFACE	399	8 5/8	500	0
											PRODUCTION	3,794	5 1/2	1,200	0
3001528969	**FAIR `17` FEDERAL 1**	MARBOB ENERGY CORPORATION	5/24/1996	12,321	Plugged, Site Released	S:17, T:17S, R:31E	1792	FNL	727	FWL	SURFACE	600	13 3/8	550	119
											INTERMEDIATE	4,700	8 5/8	1,800	0
											PRODUCTION	11,492	5 1/2	850	8,512
3001529761	**TURNER `A` 60**	LINN OPERATING INC	11/28/1997	3,700	Plugged, Site Released	S:18, T:17S, R:31E	500	FSL	330	FWL	SURFACE	450	8 5/8	500	0
											PRODUCTION	3,700	5 1/2	1,575	0
3001530397	**TONY FEDERAL 6**	MARBOB ENERGY CORPORATION	8/8/1999	467	Plugged, Site Released	S:19, T:17S, R:31E	230	FNL	1499	FWL	SURFACE	467	8 5/8	450	0
3001531976	**SKELLY UNIT 934**	CHEVRON U S A INCORPORATED	4/3/2002	5,255	Plugged, Site Released	S:21, T:17S, R:31E	990	FNL	1650	FWL	SURFACE	476	13 3/8	475	61
											INTERMEDIATE	1,629	8 5/8	800	0
											PRODUCTION	5,247	5 1/2	1,600	0
3001532045	**LEE FEDERAL 20**	MARBOB ENERGY CORPORATION	10/22/2001	437	Plugged, Site Released	S:20, T:17S, R:31E	330	FNL	2310	FEL	SURFACE	80	20	10	74
3001532119	**OXY CHOCOLATE MOOSE FEDERAL 1**	OXY USA WTP LP	12/20/2001	4,550	Plugged, Site Released	S:20, T:17S, R:31E	1600	FSL	990	FWL	SURFACE	445	13 3/8	500	8
3001532263	**OXY CHOCOLATE MOOSE FEDERAL 1Y**	OXY USA WTP LP	1/17/2002	11,736	Plugged, Site Released	S:20, T:17S, R:31E	1550	FSL	990	FWL	SURFACE	440	13 3/8	700	0
											INTERMEDIATE	4,535	9 5/8	2,175	316
											PRODUCTION	11,736	5 1/2	1,050	8,054

EXHIBIT 7: PLUGGED WELLS WITHIN THE AREA OF REVIEW



LINN ENERGY

PERMIAN New Mexico

SEVEN RIVERS_C-108 APPLICATION

P&A OFFSET MAP

0 1,388 2,776

FEET

SYMBOL HIGHLIGHT

- 7 RIV CTI CAND_PHASE I_C-108
- 7 RIVERS_AOR_P&A WELLS_C-108

WELL SYMBOLS

- abandend location
- Dry Hole, With Show of Oil & Gas
- Dry Hole
- Gas Well
- Injection Well
- Junked
- Location
- Oil Well
- Plugged and Abandoned
- Plugged Injection
- Shut In Oil Well
- Drilling Well
- Temporarily Abandoned
- New Symbol

By: K. PENA

March 5, 2015

SYMBOL HIGHLIGHT

- 7 RIV CTI CAND_PHASE I_C-108
- 7 RIVERS_AOR_P&A WELLS_C-108

EXHIBIT 8: MASIP Gradient for Existing Seven Rivers Injectors

UWI (APINum)	MASIP 1	Date 1	ASSOC ORDER 1	MASIP 2	Date 2	ASSOC ORDER 2	Top Perf	Calc Grad	Calc Grad 2	Current Grad
30015052050000	154	8/6/1963	R-3384				1995	0.1	0.0	0.1
30015052530000	350	1/5/2004	R-4306 (WFX-795)	1060	1/5/2005	R-4306 (IPI-246)	1805	0.2	0.6	0.6
30015052550000	945	3/7/1997	R-4306 (WFX-705-0)	1733	10/23/1998	R-4306 (IPI-9-0)	1817	0.5	1.0	1.0
30015052560000	928	3/7/1997	R-4306 (WFX-405-0)	1733	10/23/1988	R-4306 (IPI-9-0)	1765	0.5	1.0	1.0
30015052610000	1375	12/9/1996	R-2268 (WFX-699)	1753	10/23/1988	R-2268 (IPI-9-0)	1806	0.8	1.0	1.0
30015052680000	440	4/4/1972	R-4306				1870	0.2	0.0	0.2
30015052840000	375	1/5/2004	R-3185 (WFX-796)	1130	1/5/2005	R-3185 (IPI 246)	1876	0.2	0.6	0.6
30015053240000	450	9/1/1973	R-4717				2130	0.2	0.0	0.2
30015053250000	450	1/25/1974	R-4717				2156	0.2	0.0	0.2
30015053500000	1824	3/10/1998	R-4717-A (IPI-348)				1898	1.0	0.0	1.0
30015053510000	1923	3/10/1998	R-4717-A (IPI-348)				2231	0.9	0.0	0.9
30015053540000	2111	3/10/1998	R-4717-A (IPI-348)				2238	0.9	0.0	0.9
30015053550000	1585	1/8/1987	R-4717-A (IPI-349-0)	2013	3/10/1998	R-4717-A (IPI-348-0)	2349	0.7	0.9	0.9
30015053560000	1395	5/22/1987	R-4717-A (IPI-350-0)				2283	0.6	0.0	0.6
30015053580000	1876	3/10/1998	R-4717-A (IPI-348)	1876	3/10/1998	R-4717-A (IPI-348)	2102	0.9	0.9	0.9
30015054180000	1590	3/10/1998	R-4717-A (IPI-348)				2410	0.7	0.0	0.7
30015054590000	980	3/7/1997	R-4306 (WFX-705-0)	1612	10/23/1998	R-4306 (IPI-9-0)	1852	0.5	0.9	0.9
30015105040000	1590	5/22/1987	R-4717-A (IPI-250-0)	1728	3/10/1998	R-4717-A (IPI-348)	2340	0.7	0.7	0.7
30015214600000	1828	3/21/1995	R-2268 (WFX-668-0)				1822	1.0	0.0	1.0
30015222550000	2013	3/10/1998	R-4717-A (IPI-348)				2374	0.8	0.0	0.8
30015222610000	2064	3/10/1998	R-4717-A (IPI-348)				2302	0.9	0.0	0.9
30015295370000	346	1/5/2004	R-4306 (W-795)	1109	1/5/2005	R-4306 (IPI-246)	1729	0.2	0.6	0.6
						AVERAGE	**2059**	**0.6**	**0.4**	**0.7**

SYMBOL HIGHLIGHT
C-108 CTI CAND
7 RIVERS WINJ

HUDSON FEDERAL
FOSTER EDDY
V L FOSTER
STATE AE / B / BURKETT / FORAN / KERSEY / SHELL / WK ST.
SKELLY (Dow "A")
C A RUSSELL
TURNER A
STATE A
SUPERIOR FED
FOSTER EDDY / FED
SUPERIOR FOSTER / FED
STATE B
STATE AZ
MACY STATE B
SKELLY (Dow "B")
SKELLY (Lynch "A")
SKELLY (Lea "A")
TURNER B
FRIESS FEDERAL
FREN OIL COMPANY
MAX FRIESS MA
SKELLY (Dow "B")
SKELLY (Lynch "B")
BV LYNCH B
SKELLY

05231 05230 05194 05201 05189 05169 05168
05193 05191 05190 05175 22261 0.61
05305 05326 05309 05306 05327 05325 0.98 05358 0.96
20097
05256 0.87 05284 1.03 05290 05291 05322 05324 0.95
29537 1 05255 0.66 05261 0.89 0.74 05253
05334 0.97 05350 0.24

7 8 9 10 18 17 16 15 14 19 20 21 22 30 29 28 27

2000 1900 1800 1700 1600 1500 1400

LINN Energy

PERMIAN New Mexico

C-108 Application

Seven Rivers MASIP GRADIENT

POSTED WELL DATA
API Series
SVRV_WATER_FLOOD - MASIP_GRAD

SYMBOL HIGHLIGHT
C-108 CTI CAND
7 RIVERS WINJ

CONTOURS
SVRV Structure_GJ_gds
SVRV Structure_GJ_gds.GRD
Contour Interval = 100

WELL SYMBOLS
Injection Well
Oil Well
Plugged and Abandoned
Plugged Injection
Shut In Oil Well
Temporarily Abandoned

By: K. Pena

0 567 1,134 1,701
FEET

March 5, 2015

EXHIBIT 10: WATER ANALYSIS OF FRESH WATER WELLS

Permian Basin Area Laboratory
2101 S Market St. / Building B
Midland, TX. 79703

Report Date: 3/4/2015

Complete Water Analysis Report SSP v.8

Customer:	LINN ENERGY	**Sample Point Name**	KEEL WEST FRESH WATER 3
District:	New Mexico	**Sample ID:**	201501006949
Sales Rep:	Michael Oney	**Sample Date:**	2/26/2015
Lease:	KEEL WEST	**Log Out Date:**	3/4/2015
Site Type:	Well Sites	**Analyst:**	Samuel Newman
Sample Point Description:	WELL HEAD		

LINN ENERGY, KEEL WEST, KEEL WEST FRESH WATER 3

Field Data

Initial Temperature (°F):	250
Final Temperature (°F):	80
Initial Pressure (psi):	100
Final Pressure (psi):	15

pH:

pH at time of sampling:	9.1

Alkalinity by Titration:	**mg/L**	**meq/L**
Bicarbonate (HCO_3^-):	127.9	2.1
Carbonate (CO_3^{2-}):	54.8	1.8
Hydroxide (OH^-):	ND	

aqueous CO_2 (ppm):	ND
aqueous H_2S (ppm):	ND
aqueous O_2 (ppb):	ND
Calculated TDS (mg/L):	364
Density/Specific Gravity (g/cm³):	0.9974
Measured Density/Specific Gravity	1.0003
Conductivity (mmhos):	ND
Resistivity:	3.202 kohm-cm @72.6°F
MCF/D:	No Data
BOPD:	No Data
BWPD:	No Data

Analysis of Sample

Anions:	**mg/L**	**meq/L**
Chloride (Cl^-):	42.9	1.2
Sulfate (SO_4^{2-}):	18.5	0.4
Borate (H_3BO_3):	0.0	0.0
Fluoride (F^-):	ND	
Bromide (Br^-):	ND	
Nitrite (NO_2^-):	ND	
Nitrate (NO_3^-):	ND	
Phosphate (PO_4^{3-}):	ND	
Silica (SiO_2):	ND	

Organic Acids:	**mg/L**	**meq/L**
Formic Acid:	ND	
Acetic Acid:	ND	
Propionic Acid:	ND	
Butyric Acid:	ND	
Valeric Acid:	ND	

Anion/Cation Ratio:	1.06

Cations:	**mg/L**	**meq/L**
Sodium (Na^+):	114.4	5.0
Potassium (K^+):	0.0	0.0
Magnesium (Mg^{2+}):	0.0	0.0
Calcium (Ca^{2+}):	4.1	0.2
Strontium (Sr^{2+}):	1.1	0.0
Barium (Ba^{2+}):	0.0	0.0
Iron (Fe^{2+}):	0.0	0.0
Manganese (Mn^{2+}):	0.0	0.0
Lead (Pb^{2+}):	ND	
Zinc (Zn^{2+}):	0.0	0.0
Aluminum (Al^{3+}):	ND	
Chromium (Cr^{3+}):	ND	
Cobalt (Co^{2+}):	ND	
Copper (Cu^{2+}):	ND	
Molybdenum (Mo^{2+}):	ND	
Nickel (Ni^{2+}):	ND	
Tin (Sn^{2+}):	ND	
Titanium (Ti^{2+}):	ND	
Vanadium (V^{2+}):	ND	
Zirconium (Zr^{2+}):	ND	
Total Hardness:	12	N/A

ND = Not Determined

Conditions		Barite ($BaSO_4$)		Calcite ($CaCO_3$)		Gypsum ($CaSO_4 \cdot 2H_2O$)		Anhydrite ($CaSO_4$)	
Temp	**Press.**	**Index**	**Amt (ptb)**	**Index**	**Amt (ptb)**	**Index**	**Amt (ptb)**	**Index**	**Amt (ptb)**
80°F	15 psi		0.000	0.63	2.510	-3.37	0.000	-3.62	0.000
99°F	24 psi		0.000	0.68	2.614	-3.36	0.000	-3.53	0.000
118°F	34 psi		0.000	0.73	2.725	-3.34	0.000	-3.43	0.000
137°F	43 psi		0.000	0.79	2.831	-3.31	0.000	-3.31	0.000
156°F	53 psi		0.000	0.85	2.927	-3.27	0.000	-3.17	0.000
174°F	62 psi		0.000	0.90	3.010	-3.22	0.000	-3.03	0.000
193°F	72 psi		0.000	0.95	3.083	-3.16	0.000	-2.87	0.000
212°F	81 psi		0.000	1.00	3.150	-3.10	0.000	-2.70	0.000
231°F	91 psi		0.000	1.06	3.212	-3.02	0.000	-2.53	0.000
250°F	100 psi		0.000	1.12	3.270	-2.95	0.000	-2.35	0.000

Conditions		Celestite ($SrSO_4$)		Halite (NaCl)		Iron Sulfide (FeS)		Iron Carbonate ($FeCO_3$)	
Temp	**Press.**	**Index**	**Amt (ptb)**	**Index**	**Amt (ptb)**	**Index**	**Amt (ptb)**	**Index**	**Amt (ptb)**
80°F	15 psi	-2.27	0.000	-6.88	0.000	0	0.000		0.000
99°F	24 psi	-2.25	0.000	-6.90	0.000	0	0.000		0.000
118°F	34 psi	-2.22	0.000	-6.91	0.000	0	0.000		0.000
137°F	43 psi	-2.17	0.000	-6.91	0.000	0	0.000		0.000
156°F	53 psi	-2.11	0.000	-6.91	0.000	0	0.000		0.000
174°F	62 psi	-2.03	0.000	-6.90	0.000	0	0.000		0.000
193°F	72 psi	-1.94	0.000	-6.89	0.000	0	0.000		0.000
212°F	81 psi	-1.84	0.000	-6.88	0.000	0	0.000		0.000
231°F	91 psi	-1.73	0.000	-6.86	0.000	0	0.000		0.000
250°F	100 psi	-1.60	0.000	-6.83	0.000	0	0.000		0.000

Note 1: When assessing the severity of the scale problem, both the saturation index (SI) and amount of scale must be considered

Note 2: Precipitation of each scale is considered separately. Total scale will be less than the sum of the amounts of the eight (8) scales.

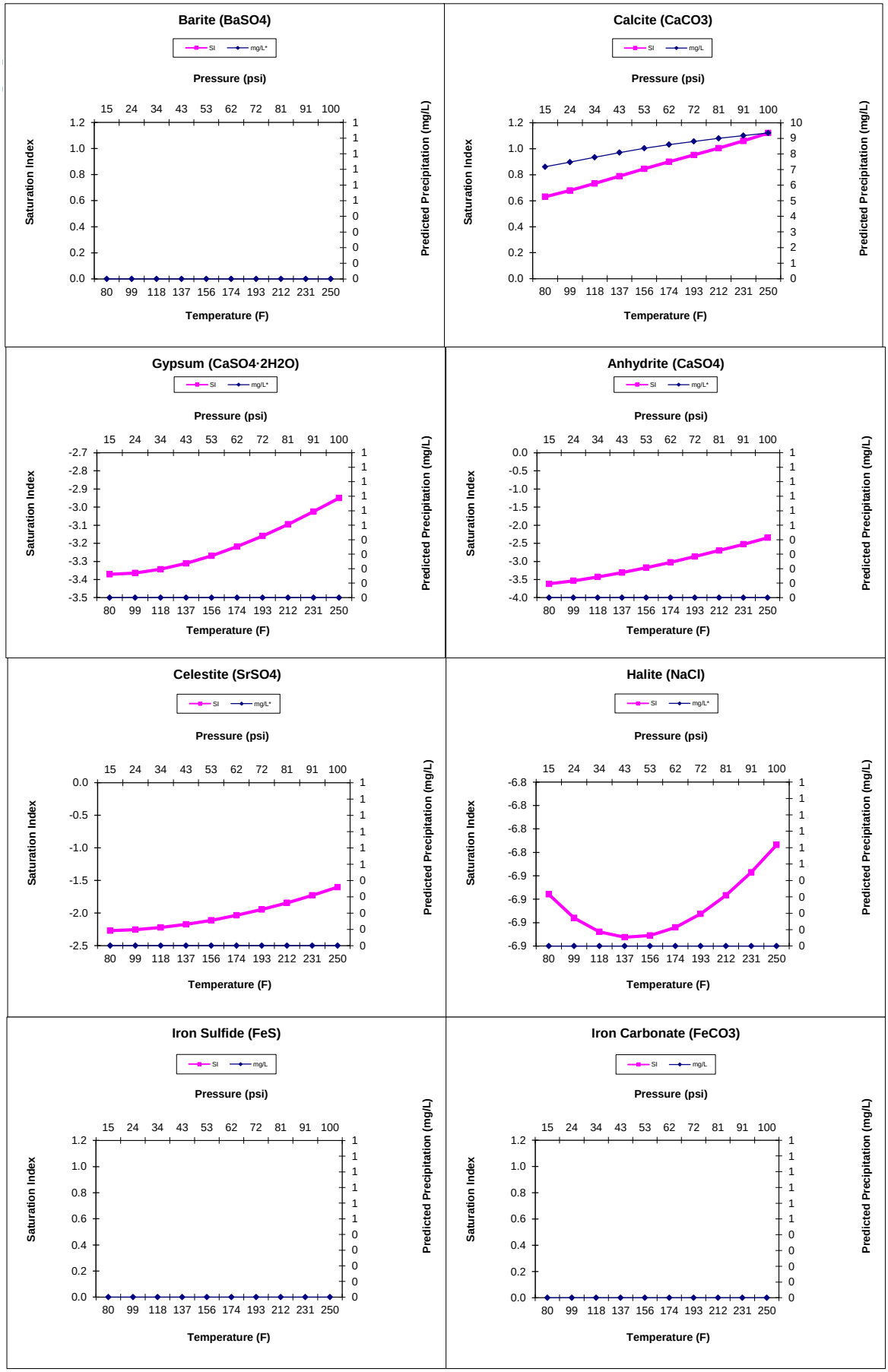
Note 3: Saturation Index predictions on this sheet use pH and alkalinity; $\%CO_2$ is not included in the calculations.

Calculate

ScaleSoftPitzer™ SSP2010

Comments: _____

Sample ID: 42061 LINN ENERGY, KEEL WEST, KEEL WEST FRESH WATER 3



Permian Basin Area Laboratory
2101 S Market St. / Building B
Midland, TX. 79703

Report Date: 3/4/2015

Complete Water Analysis Report SSP v.8

Customer:	LINN ENERGY	**Sample Point Name**	KEEL WEST FRESH WATER 6
District:	New Mexico	**Sample ID:**	201501006948
Sales Rep:	Michael Oney	**Sample Date:**	2/26/2015
Lease:	KEEL WEST	**Log Out Date:**	3/4/2015
Site Type:	Well Sites	**Analyst:**	Samuel Newman
Sample Point Description:	WELL HEAD		

LINN ENERGY, KEEL WEST, KEEL WEST FRESH WATER 6

Field Data

Initial Temperature (°F):	250
Final Temperature (°F):	80
Initial Pressure (psi):	100
Final Pressure (psi):	15

pH:

pH at time of sampling:	8.3

Alkalinity by Titration:	**mg/L**	**meq/L**
Bicarbonate (HCO_3^-):	130.5	2.1
Carbonate (CO_3^{2-}):	41.4	1.4
Hydroxide (OH^-):	ND	

aqueous CO_2 (ppm):	ND
aqueous H_2S (ppm):	ND
aqueous O_2 (ppb):	ND
Calculated TDS (mg/L):	340
Density/Specific Gravity (g/cm³):	0.9974
Measured Density/Specific Gravity	1.0005
Conductivity (mmhos):	ND
Resistivity:	1.948 kohm-cm @72.7°F
MCF/D:	No Data
BOPD:	No Data
BWPD:	No Data

Analysis of Sample

Anions:	**mg/L**	**meq/L**
Chloride (Cl^-):	32.8	0.9
Sulfate (SO_4^{2-}):	30.4	0.6
Borate (H_3BO_3):	0.0	0.0
Fluoride (F^-):	ND	
Bromide (Br^-):	ND	
Nitrite (NO_2^-):	ND	
Nitrate (NO_3^-):	ND	
Phosphate (PO_4^{3-}):	ND	
Silica (SiO_2):	ND	

Organic Acids:	**mg/L**	**meq/L**
Formic Acid:	ND	
Acetic Acid:	ND	
Propionic Acid:	ND	
Butyric Acid:	ND	
Valeric Acid:	ND	

Anion/Cation Ratio:	1.03

Cations:	**mg/L**	**meq/L**
Sodium (Na^+):	75.5	3.3
Potassium (K^+):	0.0	0.0
Magnesium (Mg^{2+}):	6.4	0.5
Calcium (Ca^{2+}):	22.8	1.1
Strontium (Sr^{2+}):	0.0	0.0
Barium (Ba^{2+}):	0.0	0.0
Iron (Fe^{2+}):	0.0	0.0
Manganese (Mn^{2+}):	0.0	0.0
Lead (Pb^{2+}):	ND	
Zinc (Zn^{2+}):	0.0	0.0
Aluminum (Al^{3+}):	ND	
Chromium (Cr^{3+}):	ND	
Cobalt (Co^{2+}):	ND	
Copper (Cu^{2+}):	ND	
Molybdenum (Mo^{2+}):	ND	
Nickel (Ni^{2+}):	ND	
Tin (Sn^{2+}):	ND	
Titanium (Ti^{2+}):	ND	
Vanadium (V^{2+}):	ND	
Zirconium (Zr^{2+}):	ND	
Total Hardness:	83	N/A

ND = Not Determined

Conditions		Barite ($BaSO_4$)		Calcite ($CaCO_3$)		Gypsum ($CaSO_4 \cdot 2H_2O$)		Anhydrite ($CaSO_4$)	
Temp	**Press.**	**Index**	**Amt (ptb)**	**Index**	**Amt (ptb)**	**Index**	**Amt (ptb)**	**Index**	**Amt (ptb)**
80°F	15 psi		0.000	0.60	6.466	-2.42	0.000	-2.67	0.000
99°F	24 psi		0.000	0.66	7.335	-2.41	0.000	-2.58	0.000
118°F	34 psi		0.000	0.76	8.607	-2.39	0.000	-2.48	0.000
137°F	43 psi		0.000	0.87	10.044	-2.36	0.000	-2.35	0.000
156°F	53 psi		0.000	0.98	11.530	-2.31	0.000	-2.22	0.000
174°F	62 psi		0.000	1.09	12.982	-2.26	0.000	-2.07	0.000
193°F	72 psi		0.000	1.20	14.335	-2.21	0.000	-1.91	0.000
212°F	81 psi		0.000	1.31	15.603	-2.14	0.000	-1.75	0.000
231°F	91 psi		0.000	1.42	16.680	-2.07	0.000	-1.57	0.000
250°F	100 psi		0.000	1.54	17.544	-2.00	0.000	-1.39	0.000

Conditions		Celestite ($SrSO_4$)		Halite (NaCl)		Iron Sulfide (FeS)		Iron Carbonate ($FeCO_3$)	
Temp	**Press.**	**Index**	**Amt (ptb)**	**Index**	**Amt (ptb)**	**Index**	**Amt (ptb)**	**Index**	**Amt (ptb)**
80°F	15 psi		0.000	-7.17	0.000	0	0.000		0.000
99°F	24 psi		0.000	-7.19	0.000	0	0.000		0.000
118°F	34 psi		0.000	-7.21	0.000	0	0.000		0.000
137°F	43 psi		0.000	-7.21	0.000	0	0.000		0.000
156°F	53 psi		0.000	-7.21	0.000	0	0.000		0.000
174°F	62 psi		0.000	-7.20	0.000	0	0.000		0.000
193°F	72 psi		0.000	-7.19	0.000	0	0.000		0.000
212°F	81 psi		0.000	-7.18	0.000	0	0.000		0.000
231°F	91 psi		0.000	-7.16	0.000	0	0.000		0.000
250°F	100 psi		0.000	-7.13	0.000	0	0.000		0.000

Note 1: When assessing the severity of the scale problem, both the saturation index (SI) and amount of scale must be considered

Note 2: Precipitation of each scale is considered separately. Total scale will be less than the sum of the amounts of the eight (8) scales.

Note 3: Saturation Index predictions on this sheet use pH and alkalinity; $\%CO_2$ is not included in the calculations.

Calculate

ScaleSoftPitzer™ SSP2010

Comments: _____

Sample ID: 42061 LINN ENERGY, KEEL WEST, KEEL WEST FRESH WATER 6

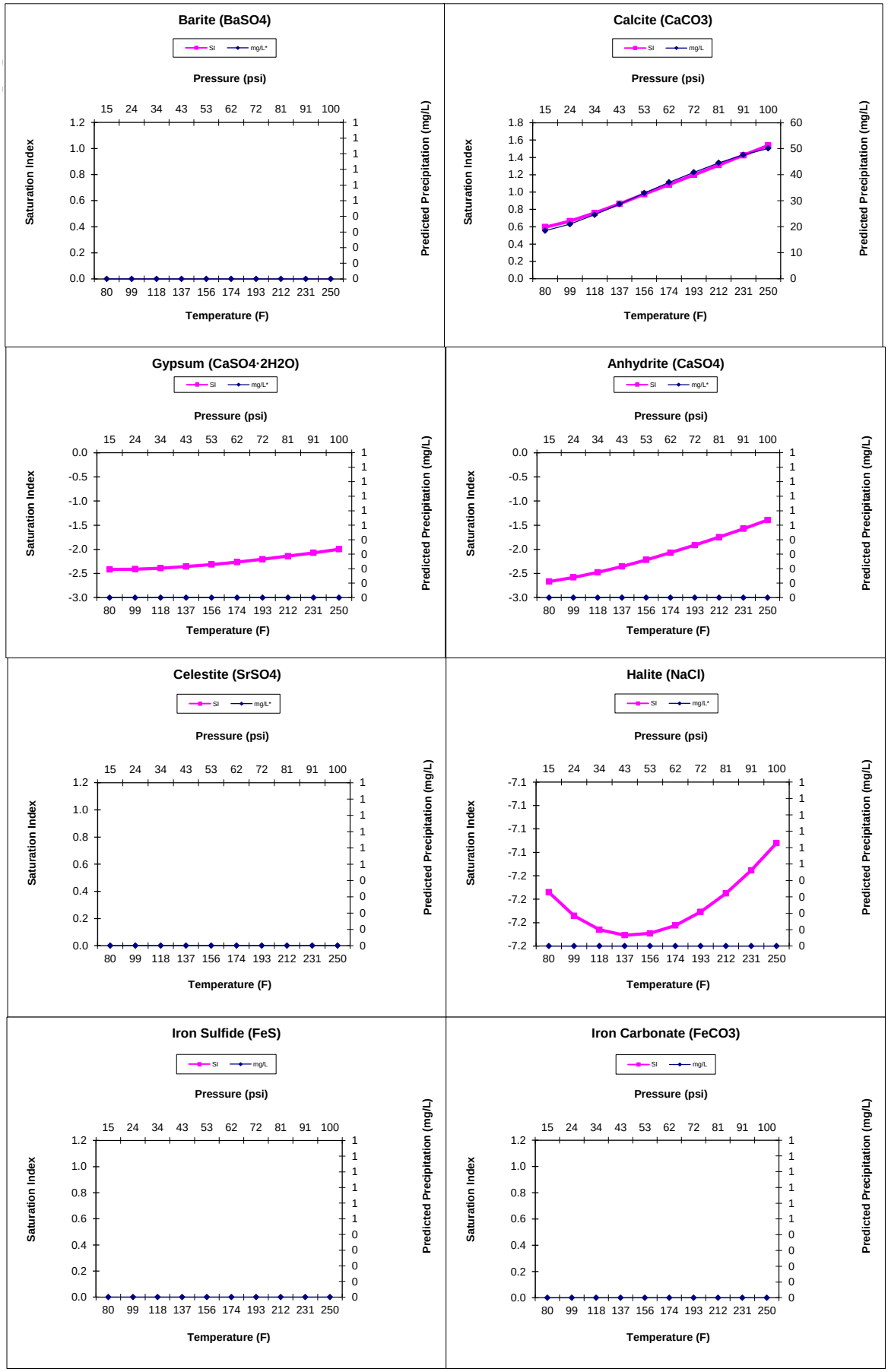
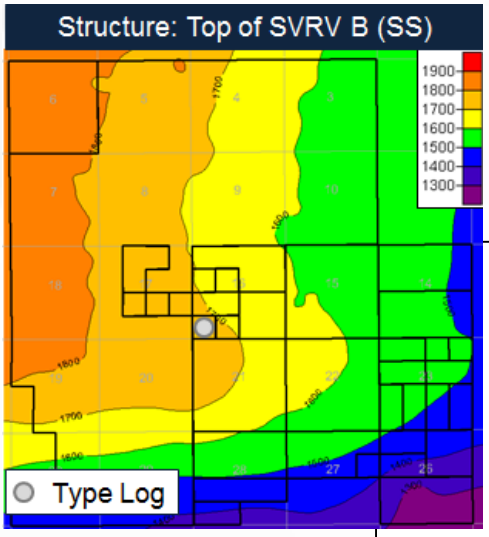


Exhibit 11: Seven Rivers Type Log

LINN Energy
NASDAQ:LINE • NASDAQ:LNCO



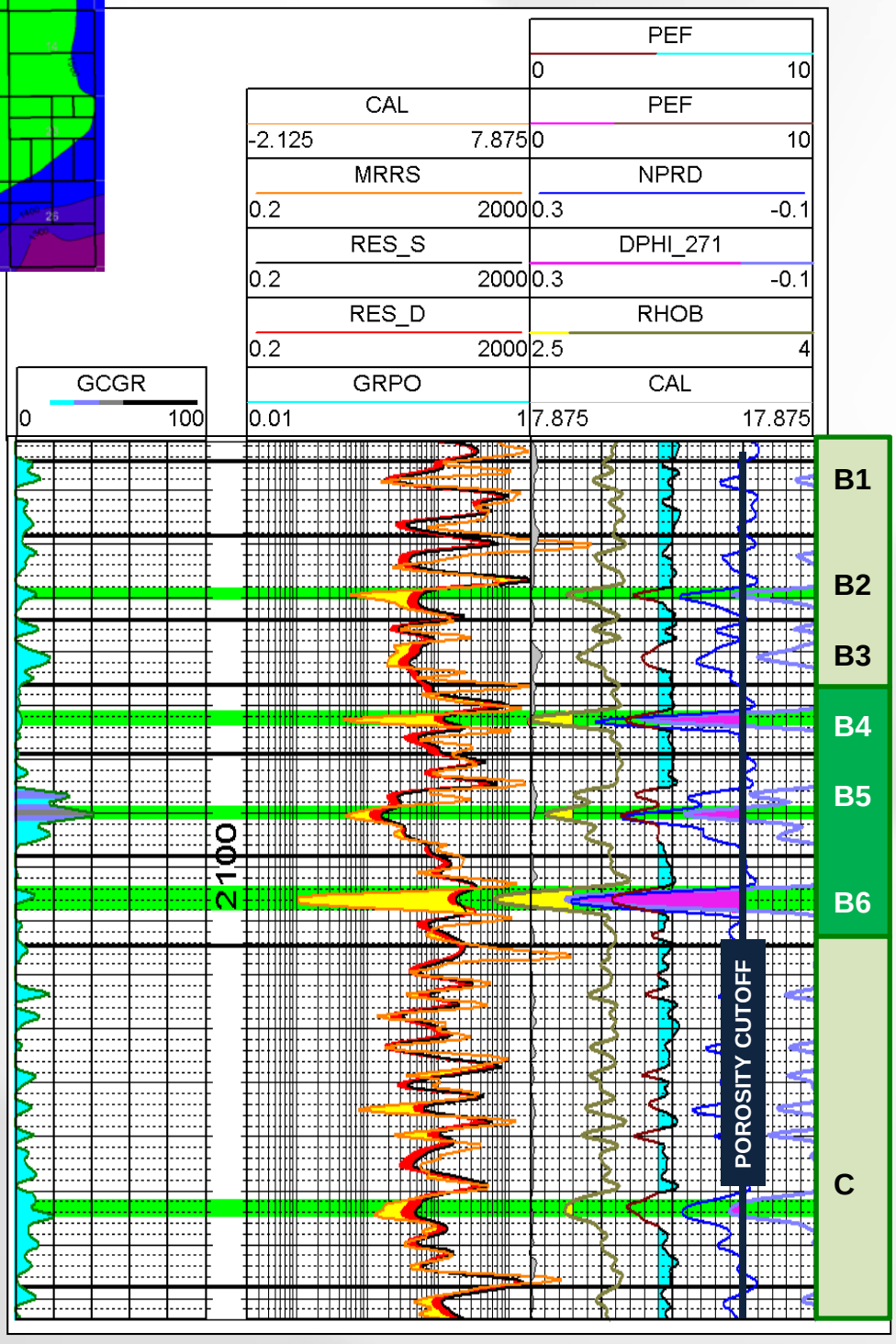


Exhibit 11: Continued

LINN Energy
NASDAQ:LINE • NASDAQ:LNCO

SVRV has been delineated into 3 main producing intervals

- SVRV B1/B2/B3
  - Thin, discontinuous, low porosity in most areas
- **SVRV B4/B5/B6**
  - **Main producing interval & waterflood target**
- SVRV C
  - Thin, discontinuous, low porosity in most areas

EXHIBIT 12: SEVEN RIVERS TOP OF STRUCTURE MAP (SS)

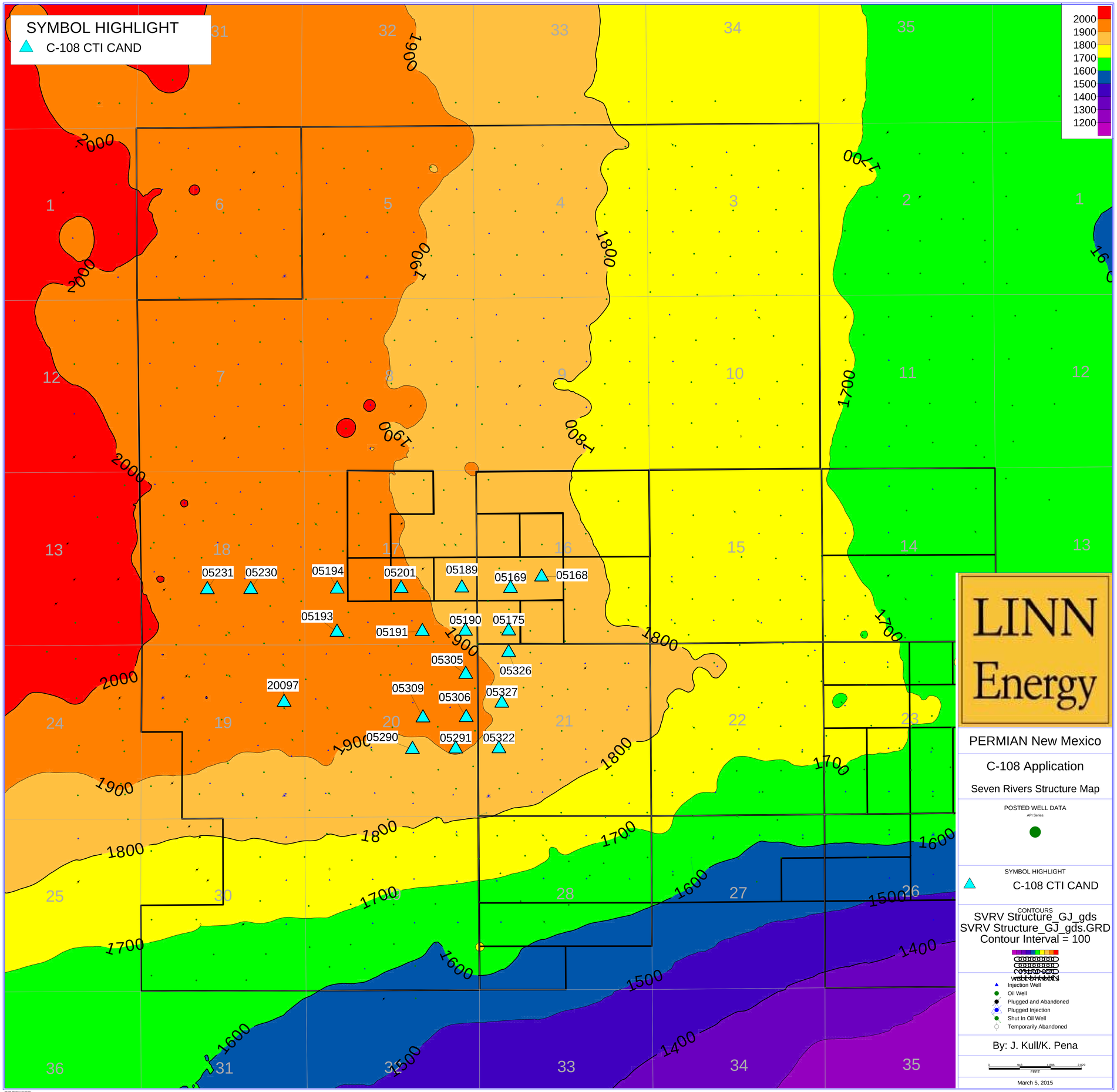

SYMBOL HIGHLIGHT
C-108 CTI CAND
2000
1900
1800
1700
1600
1500
1400
1300
1200
05231
05230
05194
05201
05189
05169
05168
05193
05191
05190
05175
05305
05326
20097
05309
05306
05327
05290
05291
05322
LINN Energy
PERMIAN New Mexico
C-108 Application
Seven Rivers Structure Map
POSTED WELL DATA
API Series
SYMBOL HIGHLIGHT
C-108 CTI CAND
CONTOURS
SVRV Structure_GJ_gds
SVRV Structure_GJ_gds.GRD
Contour Interval = 100
Injection Well
Oil Well
Plugged and Abandoned
Plugged Injection
Shut In Oil Well
Temporarily Abandoned
By: J. Kull/K. Pena
FEET
March 5, 2015

EXHIBIT 13: PROOF OF OFFSET NOTIFICATION (SURFACE OWNERS & OPERATORS)

LINN Energy

LINN OPERATING, INC
A Wholly owned subsidiary of LINN Energy, LLC
JP Morgan Chase Tower
600 Travis, Suite 5100
Houston, TX 77002
Phone: 281-840-4000
Fax: 281-840-4001
www.linnenergy.com

March 12, 2015

Bureau of Land Management
620 East Greene Street
Carlsbad, NM 88220

Re: C-108 Application for Authorization to Inject: Seven Rivers Waterflood Expansion Project

To Whom It May Concern:

LINN Operating, Inc.is seeking administrative approval to expand the Seven Rivers Waterflood and convert (20) additional wells to injection. The proposed injectors are located in sections 16, 17, 18, 19, 20, & 21 in Township 17 South, Range 31 East in Eddy County, New Mexico. Our records indicate that you are the surface owner of the wells listed below.

Well	SECTION, TOWNSHIP, RANGE	EXISTING WATERFLOOD ORDER
Foster VL #002	Sec 17 T17S, R31E	R 4717 A: Skelly Unit Fren-Seven Rivers
Turner B #031	Sec 17 T17S, R31E	R-3185: Sinclair Turner B Grayburg-Jackson
Turner B #032	Sec 17 T17S, R31E	R-3185: Sinclair Turner B Grayburg-Jackson
Turner B #037	Sec 17 T17S, R31E	R-3185: Sinclair Turner B Grayburg-Jackson
Turner B #040	Sec 17 T17S, R31E	R-3185: Sinclair Turner B Grayburg-Jackson
Superior Foster #003	Sec 17 T17S, R31E	R 4717 A: Skelly Unit Fren-Seven Rivers
Turner A #032	Sec 18 T17S, R31E	R-3185: Sinclair Turner B Grayburg-Jackson
Turner A #033	Sec 18 T17S, R31E	R-3185: Sinclair Turner B Grayburg-Jackson
Turner A #035	Sec 19 T17S, R31E	R-3185: Sinclair Turner B Grayburg-Jackson
Turner B #018	Sec 20 T17S, R31E	R-3185: Sinclair Turner B Grayburg-Jackson
Turner B #033	Sec 20 T17S, R31E	R-3185: Sinclair Turner B Grayburg-Jackson
Turner B #034	Sec 20 T17S, R31E	R-3185: Sinclair Turner B Grayburg-Jackson
Turner B #019	Sec 20 T17S, R31E	R-3185: Sinclair Turner B Grayburg-Jackson
Turner B #039	Sec 20 T17S, R31E	R-3185: Sinclair Turner B Grayburg-Jackson
Skelly Unit #007	Sec 21 T17S, R31E	R 4717 A: Skelly Unit Fren-Seven Rivers
Skelly Unit #006	Sec 21 T17S, R31E	R 4717 A: Skelly Unit Fren-Seven Rivers
Skelly Unit #014	Sec 21 T17S, R31E	R 4717 A: Skelly Unit Fren-Seven Rivers

As the surface owner, notice to you of this application is required per NMOCD regulations. Due to the length of this application, enclosed is a CD PDF format copy of the full application for your review. Should you prefer a hard copy, please notify me within 10 business days, or by March 26th, at the email address below. If you have an objection to this permit, or wish to request a hearing, then it must be filed with the NMOCD within 15 days of receipt of this letter. The NMOCD address is 1220 South St. Francis Drive, Santa Fe, NM 87505.

Please direct any questions regarding this matter to me at 713-904-6657 or lmoreno@linnenergy.com.

Sincerely,

Laura A. Moreno

Laura A. Moreno
Regulatory Compliance Advisor

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Bureau of Land Management
620 East Greene Street
Carlsbad, NM 88220

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X ☐ Agent ☐ Addressee

B. Received by (Printed Name) C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number (Transfer from service label) 7010 3090 0001 3468 8402

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT OF THE RETURN ADDRESS. FOLD AT DOTTED LINE

CERTIFIED MAIL™

7010 3090 0001 3468 8402

7010 3090 0001 3468 8402

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com®

OFFICIAL USE

Postage	$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	$

Postmark Here

Sent To BLM
Street, Apt. No.; or PO Box No. 620 East Green Street
City, State, ZIP+4 Carlsbad, NM 88220

PS Form 3800, August 2006 See Reverse for Instructions

LINN Energy

LINN OPERATING, INC
A Wholly owned subsidiary of LINN Energy, LLC
JP Morgan Chase Tower
600 Travis, Suite 5100
Houston, TX 77002
Phone: 281-840-4000
Fax: 281-840-4001
www.linnenergy.com

March 12, 2015

New Mexico State Lands Office
310 Old Santa Fe Trail
Santa Fe, NM 87501

Re: C-108 Application for Authorization to Inject: Seven Rivers Waterflood Expansion Project

To Whom It May Concern:

LINN Operating, Inc.is seeking administrative approval to expand the Seven Rivers Waterflood and convert (20) additional wells to injection. The proposed injectors are located in sections 16, 17, 18, 19, 20, & 21 in Township 17 South, Range 31 East in Eddy County, New Mexico. Our records indicate that you are the surface owner of the wells listed below.

Well	SECTION, TOWNSHIP, RANGE	EXISTING WATERFLOOD ORDER
State AZ #002	Sec 16 T17S, R31E	R 4717 A: Skelly Unit Fren-Seven Rivers
State A #002	Sec 16 T17S, R31E	R 4717 A: Skelly Unit Fren-Seven Rivers
State A #001	Sec 16 T17S, R31E	R 4717 A: Skelly Unit Fren-Seven Rivers

As the surface owner, notice to you of this application is required per NMOCD regulations. Due to the length of this application, enclosed is a CD PDF format copy of the full application for your review. Should you prefer a hard copy, please notify me within 10 business days, or by March 26th, at the email address below. If you have an objection to this permit, or wish to request a hearing, then it must be filed with the NMOCD within 15 days of receipt of this letter. The NMOCD address is 1220 South St. Francis Drive, Santa Fe, NM 87505.

Please direct any questions regarding this matter to me at 713-904-6657 or lmoreno@linnenergy.com.

Sincerely,

Laura A. Moreno

Laura A. Moreno
Regulatory Compliance Advisor

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

New Mexico State Lands Office
310 Old Santa Fe Trail
Santa Fe, NM 87501

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X ☐ Agent ☐ Addressee

B. Received by (Printed Name) | C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number (Transfer from service label) 7011 1570 0001 4876 4037

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

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OFFICIAL USE

Postage	$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	$

Postmark Here

Sent To: New Mexico State Lands Office
Street, Apt. No.; or PO Box No.: 310 OLD SANTA FE TRAIL
City, State, ZIP+4: SANTA FE, NM 87501

PS Form 3800, August 2006 See Reverse for Instructions

LINN Energy

LINN OPERATING, INC
A Wholly owned subsidiary of LINN Energy, LLC
JP Morgan Chase Tower
600 Travis, Suite 5100
Houston, TX 77002
Phone: 281-840-4000
Fax: 281-840-4001
www.linnenergy.com

March 12, 2015

COG Operating LLC
Attn: Kanicia Castillo
One Concho Center
600 W. Illinois Avenue
Midland, TX 79701

Re: C-108 Application for Authorization to Inject: Seven Rivers Waterflood Expansion Project

Dear Ms. Castillo:

LINN Operating, Inc.is seeking administrative approval to expand the Seven Rivers Waterflood and convert the (20) wells below to injection. The proposed injectors are located in sections 16, 17, 18, 19, 20, & 21 in Township 17 South, Range 31 East in Eddy County, New Mexico.

Well	SECTION, TOWNSHIP, RANGE	EXISTING WATERFLOOD ORDER
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State A #001	Sec 16 T17S, R31E	R 4717 A: Skelly Unit Fren-Seven Rivers
Foster VL #002	Sec 17 T17S, R31E	R 4717 A: Skelly Unit Fren-Seven Rivers
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Turner B #032	Sec 17 T17S, R31E	R-3185: Sinclair Turner B Grayburg-Jackson
Turner B #037	Sec 17 T17S, R31E	R-3185: Sinclair Turner B Grayburg-Jackson
Turner B #040	Sec 17 T17S, R31E	R-3185: Sinclair Turner B Grayburg-Jackson
Superior Foster #003	Sec 17 T17S, R31E	R 4717 A: Skelly Unit Fren-Seven Rivers
Turner A #032	Sec 18 T17S, R31E	R-3185: Sinclair Turner B Grayburg-Jackson
Turner A #033	Sec 18 T17S, R31E	R-3185: Sinclair Turner B Grayburg-Jackson
Turner A #035	Sec 19 T17S, R31E	R-3185: Sinclair Turner B Grayburg-Jackson
Turner B #018	Sec 20 T17S, R31E	R-3185: Sinclair Turner B Grayburg-Jackson
Turner B #033	Sec 20 T17S, R31E	R-3185: Sinclair Turner B Grayburg-Jackson
Turner B #034	Sec 20 T17S, R31E	R-3185: Sinclair Turner B Grayburg-Jackson
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Turner B #039	Sec 20 T17S, R31E	R-3185: Sinclair Turner B Grayburg-Jackson
Skelly Unit #007	Sec 21 T17S, R31E	R 4717 A: Skelly Unit Fren-Seven Rivers
Skelly Unit #006	Sec 21 T17S, R31E	R 4717 A: Skelly Unit Fren-Seven Rivers
Skelly Unit #014	Sec 21 T17S, R31E	R 4717 A: Skelly Unit Fren-Seven Rivers

As an offset operator, notice to you of this application is required per NMOCD regulations. Due to the length of this application, enclosed is a CD PDF format copy of the full application for your review. Should you prefer a hard copy, please notify me within 10 business days, or by March 26th, at the email address below. If you have an objection to this permit, or wish to request a hearing, then it must be filed with the NMOCD within 15 days of receipt of this letter. The NMOCD address is 1220 South St. Francis Drive, Santa Fe, NM 87505.

Please direct any questions regarding this matter to me at 713-904-6657 or lmoreno@linnenergy.com.

Sincerely,

Laura A. Moreno

Laura A. Moreno
Regulatory Compliance Advisor

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1. Article Addressed to:

COG Operating LLC
Attn: Kanicia Castillo
One Concho Center
600 W. Illinois Avenue
Midland, TX 79701

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X ☐ Agent ☐ Addressee

B. Received by (Printed Name) C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number (Transfer from service label) 7011 1570 0001 4876 3993

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT OF THE RETURN ADDRESS, FOLD AT DOTTED LINE

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7011 1570 0001 4876 3993

U.S. Postal Service™ Re: C-108 APP
CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

OFFICIAL USE

Postage	$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	$

Postmark Here

Sent To: COG Operating, LLC - Attn: Kanicia Castillo
Street, Apt. No.; or PO Box No.: 600 W. Illinois Ave.
City, State, ZIP+4: Midland, TX 79701

PS Form 3800, August 2006 See Reverse for Instructions

LINN OPERATING, INC
A Wholly owned subsidiary of LINN Energy, LLC
JP Morgan Chase Tower
600 Travis, Suite 5100
Houston, TX 77002
Phone: 281-840-4000
Fax: 281-840-4001
www.linnenergy.com

March 12, 2015

Trinity Environmental SWD, LLC.
Attn: Sam Porter
2500 Farm to Market Road 868
Midland, TX 79707

Re: C-108 Application for Authorization to Inject: Seven Rivers Waterflood Expansion Project

Dear Mr. Porter:

LINN Operating, Inc.is seeking administrative approval to expand the Seven Rivers Waterflood and convert the (20) wells below to injection. The proposed injectors are located in sections 16, 17, 18, 19, 20, & 21 in Township 17 South, Range 31 East in Eddy County, New Mexico.

Well	SECTION, TOWNSHIP, RANGE	EXISTING WATERFLOOD ORDER
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State A #002	Sec 16 T17S, R31E	R 4717 A: Skelly Unit Fren-Seven Rivers
State A #001	Sec 16 T17S, R31E	R 4717 A: Skelly Unit Fren-Seven Rivers
Foster VL #002	Sec 17 T17S, R31E	R 4717 A: Skelly Unit Fren-Seven Rivers
Turner B #031	Sec 17 T17S, R31E	R-3185: Sinclair Turner B Grayburg-Jackson
Turner B #032	Sec 17 T17S, R31E	R-3185: Sinclair Turner B Grayburg-Jackson
Turner B #037	Sec 17 T17S, R31E	R-3185: Sinclair Turner B Grayburg-Jackson
Turner B #040	Sec 17 T17S, R31E	R-3185: Sinclair Turner B Grayburg-Jackson
Superior Foster #003	Sec 17 T17S, R31E	R 4717 A: Skelly Unit Fren-Seven Rivers
Turner A #032	Sec 18 T17S, R31E	R-3185: Sinclair Turner B Grayburg-Jackson
Turner A #033	Sec 18 T17S, R31E	R-3185: Sinclair Turner B Grayburg-Jackson
Turner A #035	Sec 19 T17S, R31E	R-3185: Sinclair Turner B Grayburg-Jackson
Turner B #018	Sec 20 T17S, R31E	R-3185: Sinclair Turner B Grayburg-Jackson
Turner B #033	Sec 20 T17S, R31E	R-3185: Sinclair Turner B Grayburg-Jackson
Turner B #034	Sec 20 T17S, R31E	R-3185: Sinclair Turner B Grayburg-Jackson
Turner B #019	Sec 20 T17S, R31E	R-3185: Sinclair Turner B Grayburg-Jackson
Turner B #039	Sec 20 T17S, R31E	R-3185: Sinclair Turner B Grayburg-Jackson
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Skelly Unit #006	Sec 21 T17S, R31E	R 4717 A: Skelly Unit Fren-Seven Rivers
Skelly Unit #014	Sec 21 T17S, R31E	R 4717 A: Skelly Unit Fren-Seven Rivers

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Please direct any questions regarding this matter to me at 713-904-6657 or lmoreno@linnenergy.com.

Sincerely,

Laura A. Moreno
Regulatory Compliance Advisor

PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT OF THE RETURN ADDRESS. FOLD AT DOTTED LINE

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Postage	$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	$

Postmark Here

Sent To: Trinity Environmental SWD, LLC
Street, Apt. No., or PO Box No.: 2500 Farm to Market RD 868
City, State, ZIP+4: Midland, TX 79707

PS Form 3800, August 2006 — See Reverse for Instructions

SENDER: COMPLETE THIS SECTION

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- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Trinity Environmental SWD, L.L.C.
Attn: Sam Porter
2500 Farm to Market Road 868
Midland, TX 79707

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X ☐ Agent ☐ Addressee

B. Received by (Printed Name) | C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Certified Mail ☐ Express Mail

LINN Energy

LINN OPERATING, INC
A Wholly owned subsidiary of LINN Energy, LLC
JP Morgan Chase Tower
600 Travis, Suite 5100
Houston, TX 77002
Phone: 281-840-4000
Fax: 281-840-4001
www.linnenergy.com

March 12, 2015

Apache Corp.
Attn: Mark Henkhaus
303 Veterans Airpark Lane
Midland, TX 79705

Re: C-108 Application for Authorization to Inject: Seven Rivers Waterflood Expansion Project

Dear Mr. Henkhaus:

LINN Operating, Inc.is seeking administrative approval to expand the Seven Rivers Waterflood and convert the (20) wells below to injection. The proposed injectors are located in sections 16, 17, 18, 19, 20, & 21 in Township 17 South, Range 31 East in Eddy County, New Mexico.

Well	SECTION, TOWNSHIP, RANGE	EXISTING WATERFLOOD ORDER
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Turner B #032	Sec 17 T17S, R31E	R-3185: Sinclair Turner B Grayburg-Jackson
Turner B #037	Sec 17 T17S, R31E	R-3185: Sinclair Turner B Grayburg-Jackson
Turner B #040	Sec 17 T17S, R31E	R-3185: Sinclair Turner B Grayburg-Jackson
Superior Foster #003	Sec 17 T17S, R31E	R 4717 A: Skelly Unit Fren-Seven Rivers
Turner A #032	Sec 18 T17S, R31E	R-3185: Sinclair Turner B Grayburg-Jackson
Turner A #033	Sec 18 T17S, R31E	R-3185: Sinclair Turner B Grayburg-Jackson
Turner A #035	Sec 19 T17S, R31E	R-3185: Sinclair Turner B Grayburg-Jackson
Turner B #018	Sec 20 T17S, R31E	R-3185: Sinclair Turner B Grayburg-Jackson
Turner B #033	Sec 20 T17S, R31E	R-3185: Sinclair Turner B Grayburg-Jackson
Turner B #034	Sec 20 T17S, R31E	R-3185: Sinclair Turner B Grayburg-Jackson
Turner B #019	Sec 20 T17S, R31E	R-3185: Sinclair Turner B Grayburg-Jackson
Turner B #039	Sec 20 T17S, R31E	R-3185: Sinclair Turner B Grayburg-Jackson
Skelly Unit #007	Sec 21 T17S, R31E	R 4717 A: Skelly Unit Fren-Seven Rivers
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Skelly Unit #014	Sec 21 T17S, R31E	R 4717 A: Skelly Unit Fren-Seven Rivers

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Please direct any questions regarding this matter to me at 713-904-6657 or lmoreno@linnenergy.com.

Sincerely,

Laura A. Moreno

Laura A. Moreno
Regulatory Compliance Advisor

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1. Article Addressed to:

Apache Corp
Attn: Mark Henkhaus
303 Veterans Airpark Ln #600
Midland, TX 79705

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X ☐ Agent ☐ Addressee

B. Received by (Printed Name) C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number (Transfer from service lab) 7011 1570 0001 4876 4006

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

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U.S. Postal Service™ Re: C-108 App
CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)
For delivery information visit our website at www.usps.com
OFFICIAL USE

Postage	$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	$

Postmark Here

Sent To: Apache Corp. (Attn: Mark Henkhaus)
Street, Apt. No.; or PO Box No.: 303 Veterans Airpark Ln #600
City, State, ZIP+4: Midland, TX 79705

PS Form 3800, August 2006 See Reverse for Instructions

LINN Energy

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JP Morgan Chase Tower
600 Travis, Suite 5100
Houston, TX 77002
Phone: 281-840-4000
Fax: 281-840-4001
www.linnenergy.com

March 12, 2015

Fair Oil Ltd.
225 S College Ave
Tyler, TX 75702

Re: C-108 Application for Authorization to Inject: Seven Rivers Waterflood Expansion Project

To Whom It May Concern:

LINN Operating, Inc.is seeking administrative approval to expand the Seven Rivers Waterflood and convert the (20) wells below to injection. The proposed injectors are located in sections 16, 17, 18, 19, 20, & 21 in Township 17 South, Range 31 East in Eddy County, New Mexico.

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Turner B #040	Sec 17 T17S, R31E	R-3185: Sinclair Turner B Grayburg-Jackson
Superior Foster #003	Sec 17 T17S, R31E	R 4717 A: Skelly Unit Fren-Seven Rivers
Turner A #032	Sec 18 T17S, R31E	R-3185: Sinclair Turner B Grayburg-Jackson
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Turner B #018	Sec 20 T17S, R31E	R-3185: Sinclair Turner B Grayburg-Jackson
Turner B #033	Sec 20 T17S, R31E	R-3185: Sinclair Turner B Grayburg-Jackson
Turner B #034	Sec 20 T17S, R31E	R-3185: Sinclair Turner B Grayburg-Jackson
Turner B #019	Sec 20 T17S, R31E	R-3185: Sinclair Turner B Grayburg-Jackson
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Sincerely,

Laura A. Moreno

Laura A. Moreno
Regulatory Compliance Advisor

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1. Article Addressed to:

Fair Oil, Ltd.
225 S College Ave
Tyler, TX 75702

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X ☐ Agent ☐ Addressee

B. Received by (Printed Name) C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number (Transfer from service label) 7011 1570 0001 4876 4013

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

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7011 1570 0001 4876 4013

U.S. Postal Service™ R6 C-108 App
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(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com®

OFFICIAL USE

Postage	$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	$

Postmark Here

Sent To: Fair Oil, LTD.
Street, Apt. No.; or PO Box No.: 225 S. College Ave.
City, State, ZIP+4: Tyler, TX 75702

PS Form 3800, August 2006 See Reverse for Instructions

LINN Energy

LINN OPERATING, INC
A Wholly owned subsidiary of LINN Energy, LLC
JP Morgan Chase Tower
600 Travis, Suite 5100
Houston, TX 77002
Phone: 281-840-4000
Fax: 281-840-4001
www.linnenergy.com

March 12, 2015

Kersey & Company
Attn: Ken Wade
PO Box 1248
Fredericksburg, TX 78624

Re: C-108 Application for Authorization to Inject: Seven Rivers Waterflood Expansion Project

Dear Mr. Wade:

LINN Operating, Inc.is seeking administrative approval to expand the Seven Rivers Waterflood and convert the (20) wells below to injection. The proposed injectors are located in sections 16, 17, 18, 19, 20, & 21 in Township 17 South, Range 31 East in Eddy County, New Mexico.

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Skelly Unit #007	Sec 21 T17S, R31E	R 4717 A: Skelly Unit Fren-Seven Rivers
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Skelly Unit #014	Sec 21 T17S, R31E	R 4717 A: Skelly Unit Fren-Seven Rivers

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Please direct any questions regarding this matter to me at 713-904-6657 or lmoreno@linnenergy.com.

Sincerely,

Laura A. Moreno
Regulatory Compliance Advisor

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Kersey & Company
Attn: Ken Wade
P.O. Box 1248
Fredericksburg, TX 78624

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X ☐ Agent ☐ Addressee

B. Received by (Printed Name) C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number (Transfer from service label) 7011 1570 0001 4876 4020

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

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Postage	$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	$

Postmark Here

Sent To: Kersey & Company Attn: Ken Wade
Street, Apt. No.; or PO Box No.: PO Box 1248
City, State, ZIP+4: Fredericksburg, TX 78624

PS Form 3800, August 2006 See Reverse for Instructions

LINN Energy

LINN OPERATING, INC
A Wholly owned subsidiary of LINN Energy, LLC
JP Morgan Chase Tower
600 Travis, Suite 5100
Houston, TX 77002
Phone: 281-840-4000
Fax: 281-840-4001
www.linnenergy.com

March 12, 2015

OXY USA WTP Limited Partnership
Attn: Teresa Jackson
5 Greenway Plaza
Houston, TX 77046-0506

Re: C-108 Application for Authorization to Inject: Seven Rivers Waterflood Expansion Project

Dear Ms. Jackson:

LINN Operating, Inc.is seeking administrative approval to expand the Seven Rivers Waterflood and convert the (20) wells below to injection. The proposed injectors are located in sections 16, 17, 18, 19, 20, & 21 in Township 17 South, Range 31 East in Eddy County, New Mexico.

Well	SECTION, TOWNSHIP, RANGE	EXISTING WATERFLOOD ORDER
State AZ #002	Sec 16 T17S, R31E	R 4717 A: Skelly Unit Fren-Seven Rivers
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State A #001	Sec 16 T17S, R31E	R 4717 A: Skelly Unit Fren-Seven Rivers
Foster VL #002	Sec 17 T17S, R31E	R 4717 A: Skelly Unit Fren-Seven Rivers
Turner B #031	Sec 17 T17S, R31E	R-3185: Sinclair Turner B Grayburg-Jackson
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Turner B #018	Sec 20 T17S, R31E	R-3185: Sinclair Turner B Grayburg-Jackson
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Skelly Unit #007	Sec 21 T17S, R31E	R 4717 A: Skelly Unit Fren-Seven Rivers
Skelly Unit #006	Sec 21 T17S, R31E	R 4717 A: Skelly Unit Fren-Seven Rivers
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Please direct any questions regarding this matter to me at 713-904-6657 or lmoreno@linnenergy.com.

Sincerely,

Laura A. Moreno

Laura A. Moreno
Regulatory Compliance Advisor

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

OXY USA WTP Limited Partnership
Attn: Teresa Jackson
5 Greenway Plaza
Houston, Texas 77046-0506

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X ☐ Agent ☐ Addressee

B. Received by (Printed Name) C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number (Transfer from service l) 7011 1570 0001 4876 3962

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

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U.S. Postal Service™ Re C-108 App
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Postage	$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	$

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Sent To: OXY USA WTP LP (Attn: Teresa Jackson)
Street, Apt. No.; or PO Box No.: 5 Greenway Plaza
City, State, ZIP+4: Houston, TX 77046

PS Form 3800, August 2006 See Reverse for Instructions

LINN Energy

LINN OPERATING, INC
A Wholly owned subsidiary of LINN Energy, LLC
JP Morgan Chase Tower
600 Travis, Suite 5100
Houston, TX 77002
Phone: 281-840-4000
Fax: 281-840-4001
www.linnenergy.com

March 12, 2015

Chevron
Attn: Sandy Stedman-Daniel
15 Smith Road
600 W. Illinois Avenue
Midland, TX 79705

Re: C-108 Application for Authorization to Inject: Seven Rivers Waterflood Expansion Project

Dear Ms. Stedman-Daniel:

LINN Operating, Inc.is seeking administrative approval to expand the Seven Rivers Waterflood and convert the (20) wells below to injection. The proposed injectors are located in sections 16, 17, 18, 19, 20, & 21 in Township 17 South, Range 31 East in Eddy County, New Mexico.

Well	SECTION, TOWNSHIP, RANGE	EXISTING WATERFLOOD ORDER
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State A #001	Sec 16 T17S, R31E	R 4717 A: Skelly Unit Fren-Seven Rivers
Foster VL #002	Sec 17 T17S, R31E	R 4717 A: Skelly Unit Fren-Seven Rivers
Turner B #031	Sec 17 T17S, R31E	R-3185: Sinclair Turner B Grayburg-Jackson
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Turner B #037	Sec 17 T17S, R31E	R-3185: Sinclair Turner B Grayburg-Jackson
Turner B #040	Sec 17 T17S, R31E	R-3185: Sinclair Turner B Grayburg-Jackson
Superior Foster #003	Sec 17 T17S, R31E	R 4717 A: Skelly Unit Fren-Seven Rivers
Turner A #032	Sec 18 T17S, R31E	R-3185: Sinclair Turner B Grayburg-Jackson
Turner A #033	Sec 18 T17S, R31E	R-3185: Sinclair Turner B Grayburg-Jackson
Turner A #035	Sec 19 T17S, R31E	R-3185: Sinclair Turner B Grayburg-Jackson
Turner B #018	Sec 20 T17S, R31E	R-3185: Sinclair Turner B Grayburg-Jackson
Turner B #033	Sec 20 T17S, R31E	R-3185: Sinclair Turner B Grayburg-Jackson
Turner B #034	Sec 20 T17S, R31E	R-3185: Sinclair Turner B Grayburg-Jackson
Turner B #019	Sec 20 T17S, R31E	R-3185: Sinclair Turner B Grayburg-Jackson
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Skelly Unit #014	Sec 21 T17S, R31E	R 4717 A: Skelly Unit Fren-Seven Rivers

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Please direct any questions regarding this matter to me at 713-904-6657 or lmoreno@linnenergy.com.

Sincerely,

Laura A. Moreno

Laura A. Moreno
Regulatory Compliance Advisor

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- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Chevron U S A, Inc.
Attn: Sandy Stedman-Daniel
15 Smith Road
Midland, TX 79705

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X ☐ Agent ☐ Addressee

B. Received by (Printed Name) C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number (Transfer from service label) 7011 1570 0001 4876 3979

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Postage	$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	$

Postmark Here

Sent To: Chevron USA, Inc. (ATTN: Sandy Dani
Street, Apt. No.; or PO Box No.: 15 Smith Road
City, State, ZIP+4: Midland, TX 79705

PS Form 3800, August 2006 See Reverse for Instructions

LINN Energy

LINN OPERATING, INC
A Wholly owned subsidiary of LINN Energy, LLC
JP Morgan Chase Tower
600 Travis, Suite 5100
Houston, TX 77002
Phone: 281-840-4000
Fax: 281-840-4001
www.linnenergy.com

March 12, 2015

Alamo Permian Resources, LLC
Attn: Tyler Woodruff
820 Gessner Rd, Suite 1650
Houston, TX 77024

Re: C-108 Application for Authorization to Inject: Seven Rivers Waterflood Expansion Project

Dear Mr. Woodruff:

LINN Operating, Inc.is seeking administrative approval to expand the Seven Rivers Waterflood and convert the (20) wells below to injection. The proposed injectors are located in sections 16, 17, 18, 19, 20, & 21 in Township 17 South, Range 31 East in Eddy County, New Mexico.

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Turner B #040	Sec 17 T17S, R31E	R-3185: Sinclair Turner B Grayburg-Jackson
Superior Foster #003	Sec 17 T17S, R31E	R 4717 A: Skelly Unit Fren-Seven Rivers
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Turner A #033	Sec 18 T17S, R31E	R-3185: Sinclair Turner B Grayburg-Jackson
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Turner B #018	Sec 20 T17S, R31E	R-3185: Sinclair Turner B Grayburg-Jackson
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Sincerely,

Laura A. Moreno

Laura A. Moreno
Regulatory Compliance Advisor

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- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Alamo Permian Resources, LLC
Attn: Tyler Woodruff
820 Gessner Rd, Suite 1650
Houston, Texas 77024

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X ☐ Agent ☐ Addressee

B. Received by (Printed Name) C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Certified Mail ☐ Express Mail
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☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number (Transfer from service label) 7011 1570 0001 4876 3986

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Postage	$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	$

Postmark Here

Sent To: Alamo Permian Resources, LLC (Tyler Woodruff)
Street, Apt. No.; or PO Box No.: 820 S. Gessner, Ste 1650
City, State, ZIP+4: Houston, TX 77024

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600 Travis, Suite 5100
Houston, TX 77002
Phone: 281-840-4000
Fax: 281-840-4001
www.linnenergy.com

March 12, 2015

Burnett Oil Co. Inc.
Attn: Cassandra T. Shewey
801 Cherry St.
Fort Worth, TX 76102

Re: C-108 Application for Authorization to Inject: Seven Rivers Waterflood Expansion Project

Dear Ms. Shewey:

LINN Operating, Inc.is seeking administrative approval to expand the Seven Rivers Waterflood and convert the (20) wells below to injection. The proposed injectors are located in sections 16, 17, 18, 19, 20, & 21 in Township 17 South, Range 31 East in Eddy County, New Mexico.

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Please direct any questions regarding this matter to me at 713-904-6657 or lmoreno@linnenergy.com.

Sincerely,

Laura A. Moreno

Laura A. Moreno
Regulatory Compliance Advisor

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- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Burnett Oil Co, Inc.
Attn: Cassandra T Shewey
801 Cherry Street
Fort Worth, TX 76102

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X ☐ Agent ☐ Addressee

B. Received by (Printed Name) C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Certified Mail ☐ Express Mail
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☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number (Transfer from service label) 7011 1570 0001 4876 4983

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

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U.S. Postal Service™ Re C108 App
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OFFICIAL USE

Postage	$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	$

Postmark Here

Sent To
Burnett Oil Co, Inc Attn: Cassandra T. Shewey
Street, Apt. No.; or PO Box No. 801 Cherry Street
City, State, ZIP+4 Fort Worth, Tx 76102

PS Form 3800, August 2006 See Reverse for Instructions

LINN OPERATING, INC
A Wholly owned subsidiary of LINN Energy, LLC
JP Morgan Chase Tower
600 Travis, Suite 5100
Houston, TX 77002
Phone: 281-840-4000
Fax: 281-840-4001
www.linnenergy.com

March 12, 2015

Marker Oil
Attn: Larry Marker
PO Box 3188
Roswell, NM 88202

Re: C-108 Application for Authorization to Inject: Seven Rivers Waterflood Expansion Project

Dear Mr. Marker:

LINN Operating, Inc.is seeking administrative approval to expand the Seven Rivers Waterflood and convert the (20) wells below to injection. The proposed injectors are located in sections 16, 17, 18, 19, 20, & 21 in Township 17 South, Range 31 East in Eddy County, New Mexico.

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Sincerely,

Laura A. Moreno

Laura A. Moreno
Regulatory Compliance Advisor

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Larry Marker DBA Marker Oil
Attn: Larry E Marker
P.O. Box 3188
Roswell, NM 88202

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X ☐ Agent ☐ Addressee

B. Received by (Printed Name) C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number (Transfer from service label) 7011 1570 0001 4876 4051

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT OF THE RETURN ADDRESS, FOLD AT DOTTED LINE

CERTIFIED MAIL™

7011 1570 0001 4876 4051

7011 1570 0001 4876 4051

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com®

OFFICIAL USE

Postage	$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	$

Postmark Here

Sent To: Marker Oil, LTD
Street, Apt. No.; or PO Box No.: PO Box 3188
City, State, ZIP+4: Roswell, NM 88202

PS Form 3800, August 2006 See Reverse for Instructions

EXHIBIT 14: NOTARIZED NEWSPAPER PUBLICATION

Affidavit of Publication

State of New Mexico,
County of Eddy, ss.

Rynni Henderson, being first duly sworn, on oath says:

That she is the Publisher of the Carlsbad Current-Argus, a newspaper published daily at the City of Carlsbad, in said county of Eddy, state of New Mexico and of general paid circulation in said county; that the same is a duly qualified newspaper under the laws of the State wherein legal notices and advertisements may be published; that the printed notice attached hereto was published in the regular and entire edition of said newspaper and not in supplement thereof on the date as follows, to wit:

March 10 2015

That the cost of publication is **$60.75** and that payment thereof has been made and will be assessed as court costs.

Subscribed and sworn to before me this 10th day of March, 2015

Shirley Maxwell

My commission Expires
May 18, 2015

Notary Public

OFFICIAL SEAL
Shirley Maxwell
NOTARY PUBLIC
STATE OF NEW MEXICO
My Commission Expires 5/18/15

March 10, 2015

Notice is hereby given that LINN Operating Inc. is applying to the New Mexico Oil Conservation Division to convert Twenty (20) wells to injection wells for secondary recovery purposes in

Section 16, 17, 18, 19, 20 and 21 of T17S, R31 E, Eddy County, NM

The intended purpose of these wells is to inject produced waters into the Seven Rivers Formation to enhance oil production through secondary recovery. Maximum injection rates of 150 bwpd and a maximum pressure of 1400 psi are expected.

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.

LINN Energy
600 Travis,
Suite 5100
Houston, TX 77002
Laura Moreno
Regulatory
Compliance Advisor
(713) 904-6657

APPENDIX A: P&A WELLBORE DIAGRAMS AND PLUGGING REPORTS

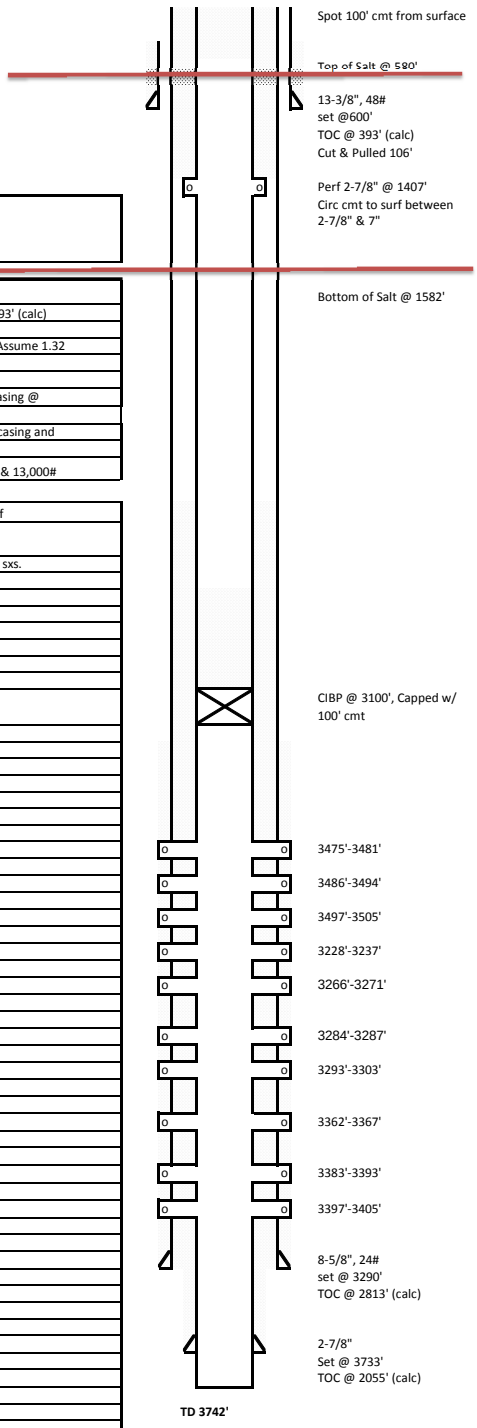
Well Name:	**State C #1**

	Location:
Location	2310' FNL 990' FEL
Section:	E-16-17S-31E
Block:	
Survey:	
County:	Eddy
Lat/Long:	32.8354708820585,-103.869401193077
Field:	PB-GRAYBURG
	Elevations:
GL:	3870'
DF.	
KB-GL Calc:	3877
ck w/log?	

Logging Requirements:

Date	
6/24/1937	Spud well. Drilled 10" hole to 600'. Ran 8 5/8" csg' and cemented w/50 sx. TOC @ 393' (calc)
	Assume 1.32 cu ft/sk and 50% fillup
8/10/1937	Drilled 8 5/8" hole to 3290'. Ran 7" csg and Cmt'd w/100 sx cmt. TOC @2813' (calc) Assume 1.32
	cu ft/sk and 50% fillup
9/10/1937	Acidized OH w/ 2,000 gal HCL acid
3/27/1950	Set 5 sax cement bridge. Cut and pulled 7" casing @ 1250'. Cut and pulled 8 -1/4" casing @
	106'. Set 5 sax cement bridge. P&A done
10/7/1960	Re-entered and welded on 110' 7" casing cemented w/ 30 saxs. Ran 3733' of 2 7/8" casing and
	cemented w/ 300 saxs
10/7/1960	Perf 3475-81; 3486-94; 3497-3505 w/ 4 spf. Frac'd w/ 20,000 gallons of gelled water & 13,000#
	sand
10/7/1960	Perf 3228-37; 3266-3271; 3284-87; 3293-3303; 3362-67; 3383-93; 3397-3405 w/ 2 spf
	Frac'd w/ 80,000 gallons of slik water & 60,000# sand
5/20/1997	Perf 2 7/8" casing @ 1407'. Circulate cement to surface between 2 7/8" & 7" w/ 385 sxs.
	Set P.A marker

Current
Wellbore Diagram



Well Name:	**State C #1**
API No:	**30-015-05174**
Spud Date:	**6/17/1937**
WBD Update:	**2/26/2015 D.Nguyen**

Hole Size:	10"
Surf Csg:	8 5/8" H40, 28#
Cement Blend:	50 sx
Depth:	630'
TOC:	393' (calc). Assume 1.32 cu ft/sk and 50% fillup

Hole Size:	8 5/8"
Int Csg:	7" H40, 20#
Cement Blend:	100 sx
Returns:	
TOC:	2813' (calc). Assume 1.32 cu ft/sk and 50% fillup
Depth:	3290'

Details of Perforations

3475' - 3481' (4 SPF)
3486'-3494' (4 SPF)
3497' - 3505' (4 SPF)
3228'-3237' (2 spf)
3266'-3271' (2 spf)
3284'-3287' (2 spf)
3293-3303' (2 spf)
3362'-3367' (2 spf)
3383'-3393' (2 spf)
3397-3405' (2 spf)

Acid or Fracture Treatment Details

9/10/1937	Acidized OH w/ 2,000 gals HCL acid
10/7/1960	Perf 3475'-3505'. Frac'd w/ 20,000 gallons of gelled water &
10/7/1960	Perf 3228'-3405'. Frac'd w/ 80,000 gallons of slik water & 60,

Hole Size:	7
Prod Csg:	2 7/8"
Capacity (bbl/ft):	
Cement Blend:	300 sx
Returns:	
TOC:	2055' (calc). Assume 1.32 cu ft/sk and 50% fillup
Depth	3733'

Submit 3 Copies to Appropriate District Office

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

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

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-103
Revised 1-1-89

WELL API NO.

5. Indicate Type of Lease STATE [X] FEE [ ]

6. State Oil & Gas Lease No.

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: Mobil State

1. Type of Well: OIL WELL [X] GAS WELL [ ] OTHER

2. Name of Operator: H & W. Interprises (505-) 746-9774

8. Well No.: #1

3. Address of Operator: 1404 Brisco, Artesia, NM 88210

9. Pool name or Wildcat: Grayburg Jackson

4. Well Location
Unit Letter H : 2310 Feet From The North Line and 990 Feet From The East Line
Section 16 Township 17-S Range 31-E NMPM Eddy County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	[ ]	PLUG AND ABANDON	[ ]	REMEDIAL WORK	[ ]	ALTERING CASING	[ ]
TEMPORARILY ABANDON	[ ]	CHANGE PLANS	[ ]	COMMENCE DRILLING OPNS.	[ ]	PLUG AND ABANDONMENT	[X]
PULL OR ALTER CASING	[ ]			CASING TEST AND CEMENT JOB	[ ]		
OTHER:	[ ]			OTHER:			[ ]

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

(1) Perforate 2 7/8 casing at 1407'

(2) Circulate cement to surface between 2 7/8" & 7" w/385SXS set P.A. marker

(3) Job completed 5-17-97

Post ID-2
7-11-97
P+A

RECEIVED
MAY 28 1997

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

SIGNATURE Dean Wilcox TITLE Co-Owner DATE 5-20-97

TYPE OR PRINT NAME Dean Wilcox TELEPHONE NO. 746-9774

(This space for State Use)

APPROVED BY Ray Smith TITLE Field Rep. DATE 7-6-97

CONDITIONS OF APPROVAL, IF ANY:

Well: Mobil State # 1 **Field: Grayburg Jackson** Reservoir: Grayburg - San Andres

Location:
2310' FNL & 990' FEL
Section: 15
Township: 17S
Range: 31E Unit: H
County: Eddy State: NM

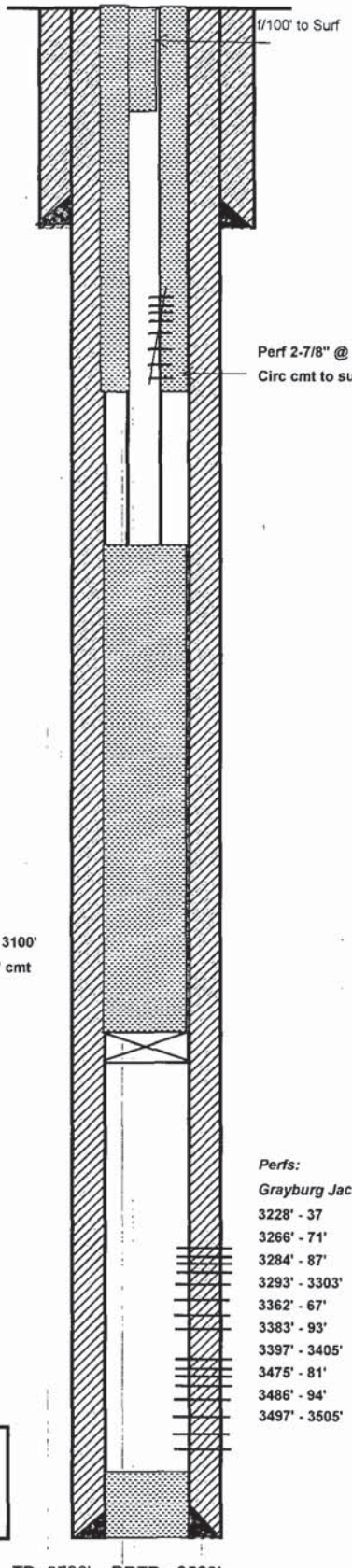
Elevations:
GL: 3870'
KB:
DF:

Log Formation Tops	
Base/Salt	
Yates	
Seven Rivers	
Queen	
Grayburg	
San Andres	3228'
Glorieta	
Tubb	
Abo	
Wolfcamp	
Strawn	
Atoka	
Morrow	

Prod. Csg: 7", 20# csg
Set: @ 3290' w/50 sx cmt
Hole Size: 8-5/8" to 3290'
Circ: yes **TOC:** Surface
TOC By: Circulation

Updated: 1-5-11

Current Wellbore Diagram



TD: 3738' PBTD: 3529'

Well ID Info:
Chevno: FC5816
API No: 30-015-05174
Operator: H & W Enterprises
Spud Date: 6-17-37
Rig Released:
Compl. Date: 9-10-37

Surface Csg: 8-5/8", 28#
Set: @ 630' w/ 50 sx cmt
Hole Size: 11" to 630'
Circ: Yes **TOC:** Surface
TOC By: Circulation

Initial Completion:
Orig drill: 9-10-37. TD: 3290'
Subsequent Work
4-3-50: *Mudded hole, Set 5 sx cmt bridge. Cut csg @ 1250' & pull'd, & cut 85/8" csg @ 106', pull'd. Mudded to Surface.*
Major W/O: 1960 TD: 3738'
Spud 10-7-60, Complete: 10-23-60; Grayburg San Andres formation.
Perfs: 3228'-37, 3266'-71', 3284'-87', 3293'-3303', 3362'-67', 3383'-93, 3397'-340 3475'-81', 3486'-94', 3497'-3505'. Acdz & Frac.
5-17-97 P&A'd
Perf 2-7/8" @ 1407'. Circ cmt to surf between 2-7/8" & 7"

By: Chay

Well Name:	**STATE B #4**

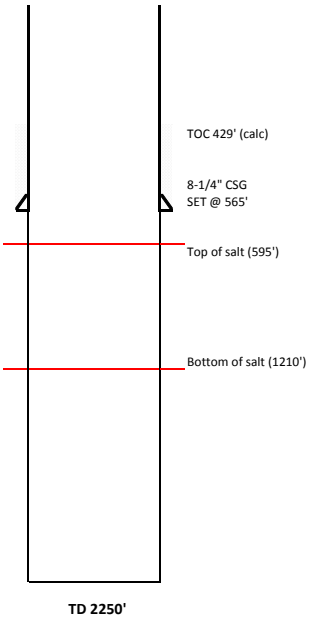
	Location:
Location	2310' NORTH OF NORTH LINE. 2310' E OF THE EAST LINE
Section:	S16-T17-R31
Block:	
Survey:	
County:	EDDY
Lat/Long:	32.8354648262087,-103.873719158277
Field:	GRAYBURG-JACKSON
	Elevations:
GL:	3,810'
DF.	3,810'
KB-GL Calc:	0
ck w/log?	

Logging Requirements:

Date	
12/16/1947 - 1/28/1947	Spudded well (no hole size available). 565' of 8-1/4" casing was run and cemented with 25 sacks of cement in the top of the salt. Drilled to TD of 2250'. No water was encountered in this hole on top of the salt. Test for water shut-off showed no water present.
12/17/2014	**NO P&A INFORMATION AVAILABLE ON OCD.**

Current

Wellbore Diagram



Well Name:	**STATE B #4**
API No:	**30-015-05176**
Spud Date:	**12/16/1947**
WBD Update:	**12/17/14 - M Reginato**

Hole Size:	N/A
Surf Csg:	8-1/4"
Cement Blend:	25 SX CMT
Depth:	565'
TOC:	429' (calc). Assume 1.32 cu ft/sx and 50% fillup

Hole Size:
Int Csg:

Cement Blend:

Returns:
TOC:

Details of Perforations

Acid or Fracture Treatment Details

Tubing Detail	
Joints	**Description**

Rod Detail (top to bottom)	
Rods	**Description**

Pumping Unit:

Hole Size:
Prod Csg:
Capacity (bbl/ft):
Cement Blend:

Returns:
TOC:
Depth

Form C-103

OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELLS

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 OPERATIONS		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL		REPORT ON PULLING OR OTHERWISE ALTERING CASING	
REPORT ON RESULT OF TEST OF CASING SHUT-OFF	X	REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL			

January 8, 1948
Date Place

OIL CONSERVATION COMMISSION,
SANTA FE, NEW MEXICO.
Gentlemen:

Following is a report on the work done and the results obtained under the heading noted above at the

O. H. Randel (Company or Operator) State (Lease) Well No. 4 in the

SW¼ SW¼ NE¼ of Sec. 16, T. 17S, R. 31E, N. M. P. M.,

Grayburg-Jackson Field, Eddy County.

The dates of this work were as follows: Ran Casing Dec. 16th, tested water shutoff 12/29/47

Notice of intention to do the work ~~was~~ (was not) submitted on Form C-102 on _____ 19____

and approval of the proposed plan was ~~(was not)~~ obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Plan to run casing was approved verbally by Mr. W. B. Macey prior to running same.

565' of 8¼" casing was run and cemented with 25 sacks of cement in the top of the salt. No water was encountered in this hole on top of the salt.

Test for water shut-off showed no water present.

Witnessed by Harold Kersey (Name) O. H. Randel (Company) Partner (Title)

Subscribed and sworn before me this 8th day of January, 19 48

Notary Public

My commission expires Dec 8th 1948

I hereby swear or affirm that the information given above is true and correct.

Name Harold Kersey

Position Partner

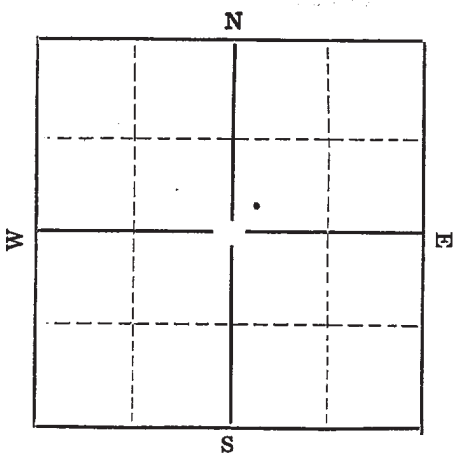
Representing O. H. Randel (Company or Operator)

Address _____

Remarks: JAN 8 1948 APPROVED APPROVED

William B. Macey
Name
WILLIAM B. MACEY
Petroleum Engineer
Title

SCOUT REPORT
NEW MEXICO OIL CONSERVATON COMMISSION



Company O.H.Randel Pool Fren Dist. 6

Farm Name State Well No. 4

Sec. 16 Twp. 17 Range 31 County Eddy

Feet from Line: 2310 N. S. 2310 E. W.

Elevation 3816 Method

Contractor Kersey & Co. Land State

Spudded 12-9-47 Completed

AMOUNT CASING & CEMENTING RECORD

Size	Feet	Sax Cement
8	560	25

ACID RECORD Gals.

TA		TSA
TX	545	TGI
BX	1516	TTu
TY		TPenn
TQ		TEll
TG		TGr. W
		TGr.
Top Pay		

TUBING RECORD

PACKER

SHOOTING RECORD

No. of Quarts	From	To
3 S/	6 2695 - 2110 S/	S/
3 S/	0 2196 - 2204 S/	S/
S/	S/	S/

Date		Date	
12-17-47	ϕ 200, RP	MAR 3	✓
DEC 30	ϕ 595 Salt	MAR 10	
JAN 7	ϕ 1210. Salt	MAR 17	✓ may go to Gray Paty
JAN 14	ϕ 2120 Anh		
JAN 21	ϕ 2250, A	MAR 24	✓
JAN 28	TD 2250, A	MAR 31	✓
	S.D for a day	APR 7	✓
FEB 4	✓		✓
FEB 11	✓	MAY 5	✓
FEB 18	✓		

15819 Advocate Print

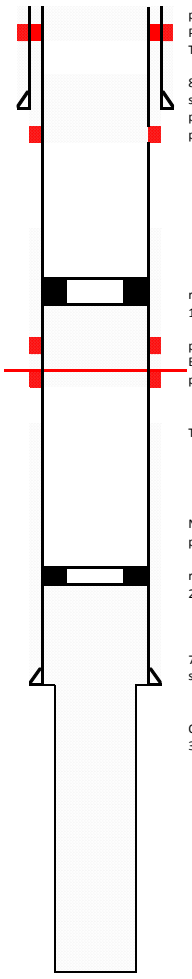
Well Name:	**HUDSON FEDERAL #3**

	Location:
Location	1650' FNL & 330' FWL
Section:	17-T17S-R31E
Block:	
Survey:	
County:	EDDY
Lat/Long:	32.8372354090294,-103.899499474048
Field:	
	Elevations:
GL:	3,710'
DF.	3,710'
KB-GL Calc:	0
ck w/log?	

Logging Requirements:

Date	
4/4/1941	Well spudded. No hole size available. No completions available.
	Set cement retainer @ 2542'. Pump 225 sx cement below retainer.
	Perforate 7" casing @ 1400'. Unable to establish injection. Re-perf @ 1300'. Still unable. Break w/ acid & able to inject
2/17/1999	Set retainer @ 1271'. Pump 136 sx cmt below retainer.
	Perforate 7" csg @ 686'. Pump 90 sx cmt and tag @ 476' inside 7" csg.
2/18/1999	Perforate 7" csg @ 50'. Pump 30 sx cmt. Circulate in annulus

Current
Wellbore Diagram



plug 0'-50' w/30 sx
Perf @ 50'
TOC @ 460' (calc)

8-1/4" casing
set @636'
plug 476'-686' w/90 sx
perf 4 holes @ 686'

retainer @ 1271'
136 sx cmt pumped below

perf 4 holes 1300'
Base of Salt (1350')
perf 4 holes 1400'

TOC @1854' (calc)

NOTE: 9.5 ppg mud between plugs

retainer @ 2542'
225 sx cmt pumped below

7" csg
set @ 2780'

Open hole completion: 2780'-3497'

TD @ 3497'

Well Name:	**HUDSON FEDERAL #3**
API No:	**30-015-05179**
Spud Date:	**4/4/1941**
WBD Update:	**12/17/14 M. Reginato**

Hole Size:	N/A
Surf Csg:	8-1/4"
Cement Blend:	50 SX
Depth:	636'
TOC:	0' (cmt to surface)

Hole Size:	
Int Csg:	
Cement Blend:	
Returns:	
TOC:	

Details of Perforations

Acid or Fracture Treatment Details

Tubing Detail	
Joints	**Description**
Pkr Depth	

Rod Detail (top to bottom)	
Rods	**Description**

Pumping Unit:

Hole Size:	Assume 7-7/8
Prod Csg:	7"
Capacity (bbl/ft):	
Cement Blend:	100 SX
Returns:	
TOC:	1854' (calc). Assume 1.32 cu ft/sx and 50% fillup
Depth	2780'

Form 3160-5
(June 1990)

UNITED STATES
DEPARTM T OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
   ☒ Oil Well ☐ Gas Well ☐ Other
2. Name of Operator
   DEVON ENERGY CORPORATION (NEVADA)
3. Address and Telephone No.
   20 NORTH BROADWAY, SUITE 1500, OKLAHOMA CITY, OKLAHOMA 73102 (405) 235-3611
4. Location of Well (Footage. Sec., T., R., M., or Survey Description)
   1650'FNL & 330'FWL of Section 17-T17S-R31E

RECEIVED
OCD ARTESIA

5. Lease Designation and Serial No.
   LC-054908
6. If Indian, Allottee or Tribe Name
7. If Unit or CA, Agreement Designation
8. Well Name and No.
   Hudson Federal #3
9. API Well No.
   30-015-05179
10. Field and Pool, or Exploratory Area
    Grayburg-Jackson Field
11. County or Parish, State
    Eddy County, NM

CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
☐ Notice of Intent	☒ Abandonment	☐ Change of Plans
☒ Subsequent Report	☐ Recompletion	☐ New Construction
☐ Final Abandonment Notice	☐ Plugging Back	☐ Non-Routine Fracturing
	☐ Casing Repair	☐ Water Shut-Off
	☐ Altering Casing	☐ Conversion to Injection
	☐ Other ____	☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Well was permanently plugged and abandoned as follows:

2/17/99 - Set cement retainer @ 2542', pump 225 sxs cement below retainer.

Perforate 7" casing @ 1400'(50' below base of salt), unable to establish injection rate. Re-perforate 7" @ 1300', still unable to establish an injection rate.

Breakdown perforations with acid, established an injection rate of 2.5 BPM.

Set cement retainer @ 1271', pump 136 sxs cement below retainer.

2/18/99 – Perforate 7" casing @ 686'(50' below surface casing shoe), pump 90 sxs cement and displace to 476'(tagged) inside of 7" casing.

Perforate 7" casing @ 50', pump 30 sxs cement. Cement circulated to surface in 8 ¼"-7" annulus.

Install dry hole marker and prerare to restore location.

NOTE: 9.5ppg mud spotted between cement plugs.

Approved as to plugging of the well bore. Liability under bond is retained until surface restoration is completed.

14. I hereby certify that the foregoing is true and correct

Signed Charles H Carleton Title Sr. Engineering Tech. Date February 19, 1999

Charles H. Carleton

(This space for Federal or State office use)

Approved by PETROLEUM ENGINEER Title _____ Date FEB [illegible] 1999

Conditions of approval, if any:

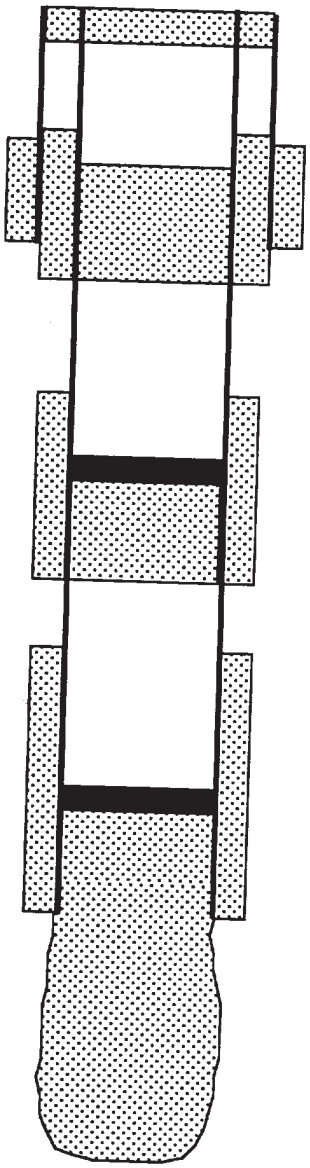
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

***See Instruction on Reverse Side**

DEVON ENERGY CORPORATION
WELLBORE SCHEMATIC

WELL NAME: HUDSON FEDERAL #3		FIELD: GRAYBURG-JACKSON	
LOCATION: 1650'FNL & 330'FWL, SEC 17-T17S-R31E		COUNTY: EDDY	STATE: NM
ELEVATION: GL=3710'; KB=UNK		SPUD DATE: 04/04/41	COMP DATE: 06/14/41
API#: 30-015-05179	PREPARED BY: C.H. CARLETON		DATE: 02/19/99

	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 636'	8 1/4"				
CASING:	0' - 2780'	7"				
CASING:						
TUBING:						
TUBING:						



■ CURRENT ☐ PROPOSED

OPERATOR: DEVON ENERGY CORPORATION(NEVADA)

CEMENT PLUG: 0'- 50' WITH 30 SXS
CEMENT PLUG: 476'- 686' WITH 90 SXS
8 1/4" CASING SET @ 636'. CMT'D W/50 SXS. TOC @ 460'(calc)
PERFORATED 4 HOLES @ 686'

CEMENT RETAINER @ 1271', 136 SXS CEMENT PUMPED BELOW RETAINER
PERFORATED 4 HOLES @ 1300'

PERFORATED 4 HOLES @ 1400'

NOTE: 9.5ppg MUD SPOTTED BETWEEN CEMENT PLUGS

CEMENT RETAINER @ 2542', 225 SXS CEMENT PUMPED BELOW REATINER

7" CASING SET @ 2780'. CMT'D W/100 SXS. TOC @ 1460'(calc)

OPEN HOLE COMPLETION: 2780'- 3497'

TD @ 3497'

NOTE: FOR CALCULATED CEMENT TOPS A YIELD OF 1.32 CU FT/SX AND 50% FILLUP WERE ASSUMED.

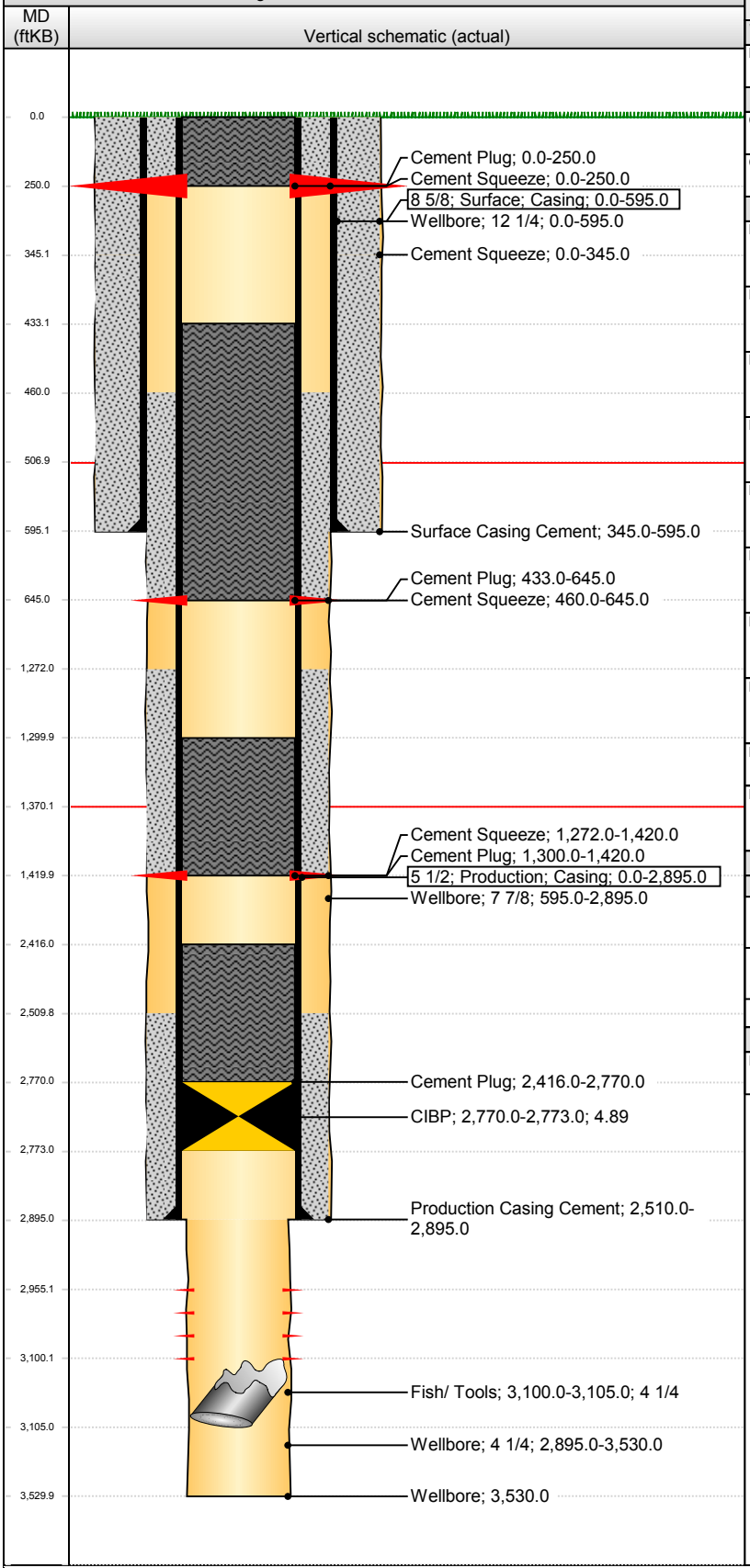
NM P&A Schematic

Well Name: TURNER B 1

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
3001505181	PBNM - PB-GRAYBURG	Eddy	NM	17	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,732.00	3,732.00	0.00	8/25/1939			32° 49' 48.144" N	103° 53' 1.932" W	Yes

Original Hole, 1/13/2015 4:11:09 PM



Original Hole Data

Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag
990.0	FSL	330.0	FEL

Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Surface	595.0	8 5/8	8.017	28.00	H-40	4/15/1968
Production	2,895.0	5 1/2	4.892	17.00	HC-95	4/16/1968

Cement Stages

Description	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
Surface Casing Cement	345.0	595.0		Cemented w/ 50 sxs TOC (calc) @ 345'
Production Casing Cement	2,510.0	2,895.0		Cemented w/ 100 sxs. TOC calc
Cement Plug	2,416.0	2,770.0		35 sxs class C neat cmt. TOC reported
Cement Squeeze	1,272.0	1,420.0		sqz 45 class C neat cmt TOC (calc) @ 1320'
Cement Plug	1,300.0	1,420.0		45 sxs cmt from sqz job Tag @ 1300'
Cement Plug	433.0	645.0		65 sxs from sqz job Tag @ 433'
Cement Squeeze	460.0	645.0		65 sxs cmt TOC (calc) @ 460'
Cement Squeeze	0.0	250.0		sqz 95 sxs class C cmt to surf
Cement Plug	0.0	250.0		95 sxs class C cmt to surf
Cement Squeeze	0.0	345.0		95 sxs class C cmt to surf

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Com
Fish/ Tools	3,100.0	3,105.0	5/22/1939	Tools stuck- cut off line; left tools in hole
OH Perf w/ 210 qts C.O	2,955.0	3,100.0	5/22/1939	
CIBP	2,770.0	2,773.0	10/24/2012	

Formations

Formation	Final Top...	Final Btm...	Comment
Salt	507.0	1,370.0	

Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia
RECEIVED
NOV 27 2012
NMOCD ARTESIA

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

5. Lease Serial No.
NMLC029395B

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
TURNER B 1

2. Name of Operator
LINN OPERATING INCORPORATED
Contact: TERRY B CALLAHAN
E-Mail: tcallahan@linnenergy.com

9. API Well No.
30-015-05181-00-S1

3a. Address
600 TRAVIS STREET SUITE 5100
HOUSTON, TX 77002

3b. Phone No. (include area code)
Ph: 281-840-4272

10. Field and Pool, or Exploratory
GRAYBURG

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 17 T17S R31E SESE 990FSL 330FEL

11. County or Parish, and State
EDDY COUNTY, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☒ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Accepted as to plugging of the well bore. Liability under bond is retained until surface restoration is completed.

10/23/2012

MI RU; dug out cellar; NDWH, LD 1 jt of tbg. NUBOP; RU to run tbg, close in well. SD

10/24/2012

PU tbg, TIH tag BP @ 2770. RU cement unit. Circ hole w/ 60 bbls mud laden fluid. Spotted 35 sxs Class C Neat cmt from 2416-2770. Received OK from Cheryl M/James Amos w/ BLM to combine plugs 1 & 2 w/ 35 sxs of cmt. POH, stood back 1110' of tbg. LD the rest. Perf 5-1/2" csg @ 1420'. Well started flowing. RIH w/ 5-1/2" pkr to 1110'. Set pkr, waterflow isolated @ 1420'. Sqz'd 45 sxs Class C Neat cmt; displ cmt to 1320'. Closed well in, no pressure. SD

RECLAMATION
DUE 4-22-13

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #160381 verified by the BLM Well Information System
For LINN OPERATING INCORPORATED, sent to the Carlsbad
Committed to AFMSS for processing by KURT SIMMONS on 11/16/2012 (12KMS3183SE)

Name *(Printed/Typed)* TERRY B CALLAHAN — Title REGULATORY SPECIALIST III

Signature (Electronic Submission) — Date 11/15/2012

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ACCEPTED — JAMES A AMOS — Title SUPERVISOR EPS — Date 11/25/2012

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office Carlsbad

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

11/28/2012

Accepted for record
NMOCD

Additional data for EC transaction #160381 that would not fit on the form

32. Additional remarks, continued

10/25/2012

Open well, no water flow. Pressure up on plug, held 500 psi 20 mins. POH w/ tbg, LD pkr, RIH open ended tag plug @ 1300', POH w/ tbg, stand back 10 jts tbg, LD rest. Perf 4 sqz holes at 645', POH WL. RIH w/ pkr on tbg to 309' set pkr. Sqz 65 sxs Class C cmt displaced cmt to 457'. WOC. Rlse pkr, POH w/ tbg & pkr, RIH w/ tbg tag cmt plug @ 433'. POH tbg, LD. NDBOP. Perft 4 sqz holes @ 250', POH WL. NU WH w/ 2' tbg sub. Sqz 95 sxs Class C cmt from 250' to surface. SISD 50 psi on csg.

10/26/2012

Remove well head cap; cmt 6' down topped off. RD clean l.ocation.

11/7/2012

Dig up and cut off well head. Weld on ground level marker, dig up dead men. Clean location, job complete.

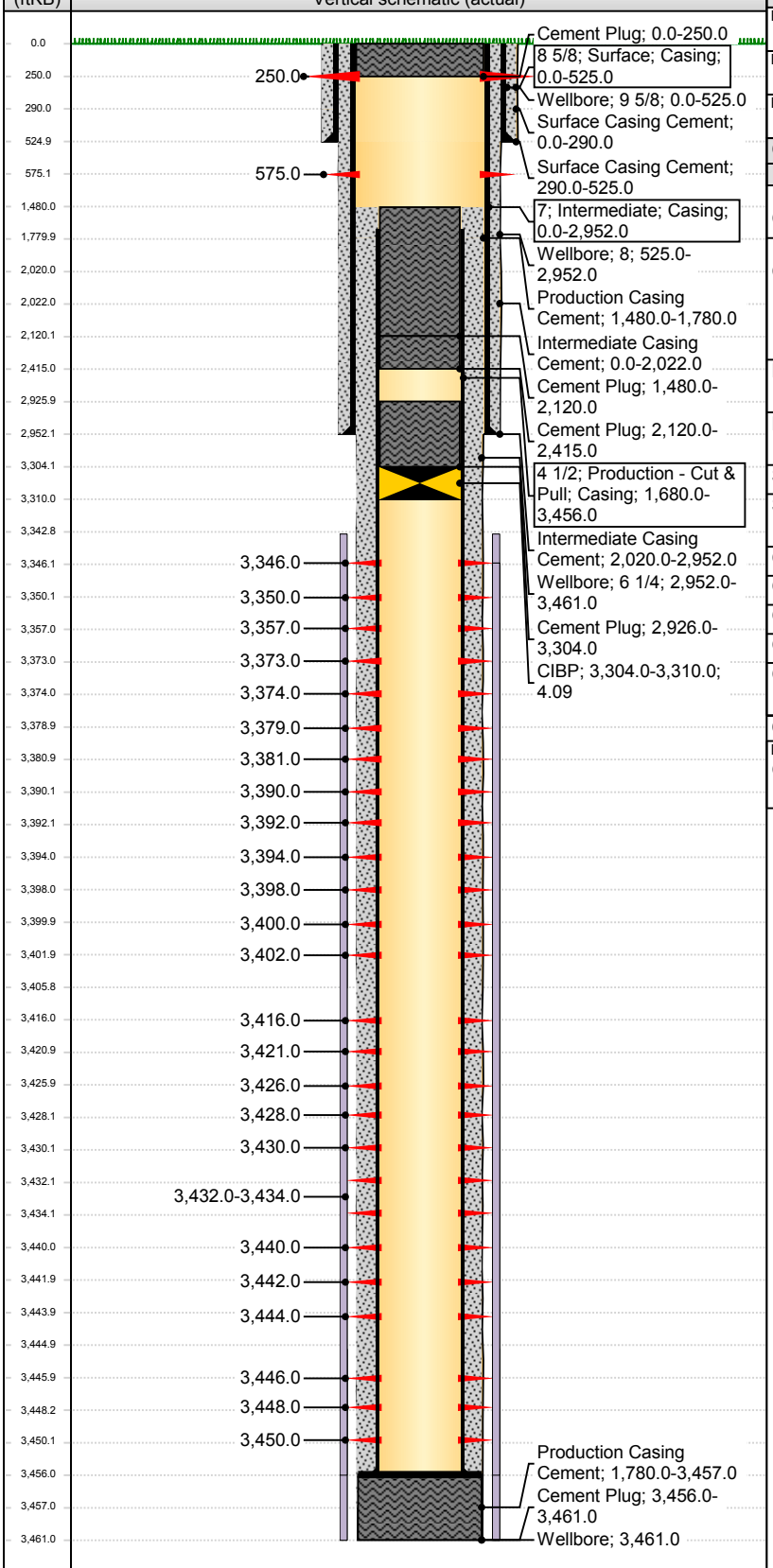
NM Sundry Schematic

Well Name: TURNER B 5

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
300150518400	PB-GRAYBURG	Eddy	NM	17	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,699.00	3,699.00	0.00	12/31/1941		7/10/1942			Yes

Original Hole, 11/3/2014 2:26:02 PM



Original Hole Data

Casing Strings

Run Date	Casing Description	Set Depth (ftKB)
	Surface	525.0
	Intermediate	2,952.0
12/16/1969	Production - Cut & Pull	3,456.0

Cement Stages

Des	Top (ftKB)	Btm (ftKB)	Com
Intermediate Casing Cement	2,020.0	2,952.0	Cemented w/ 100 sxs.
Intermediate Casing Cement	0.0	2,022.0	squeezed 50 sx plug. TOC @ 390' then squeezed 30 sx plug @ 250' to surf
Production Casing Cement	1,780.0	3,457.0	Cemented w/ 200 sxs.
Production Casing Cement	1,480.0	1,780.0	30 sx cmt plug
Surface Casing Cement	290.0	525.0	Cemented w/ 50 sxs.
Surface Casing Cement	0.0	290.0	Squeezed w/ 30 sxs to surf
Cement Plug	3,456.0	3,461.0	PBTD
Cement Plug	2,926.0	3,304.0	25sx plug
Cement Plug	2,120.0	2,415.0	25 sxs cmt plug.
Cement Plug	1,480.0	2,120.0	30 sxs. cmt plug.
Cement Plug	0.0	250.0	cmt plug from 250' to surf

Other In Hole

Description	Top (ftKB)	Btm (ftKB)	OD (in)	Run Date	Comment
CIBP	3,304.0	3,310.0	4.09	8/21/2008	

Form 3160-5
(September 2001)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

FORM APPROVED
OMB NO 1004-0135
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

5 Lease Serial No.
NMLC-029395-A3

6. If Indian, Allottee or Tribe Name

7 If Unit or CA/Agreement, Name and/or No

1 Type of Well
☐ Oil Well ☐ Gas Well ☒ Other WIW

SEP 23 2008

8. Well Name and No
TURNER "B" #005

2 Name of Operator
MERIT ENERGY COMPANY

OCD-ARTESIA

9. API Well No
30-015-05184

3a. Address
13727 NOEL RD., SUITE 500, DALLAS, TX 75240

3b Phone No. (*include area code*)
(972) 628-1467

10 Field and Pool, or Exploratory Area
GRAYBURG-JACKSON

4 Location of Well (*Footage, Sec., T., R., M., or Survey Description*)
1980' FSL & 660' FWL
SEC. 17, T-17S, R-31E

11 County or Parish, State
EDDY NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☒ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

ACCEPTED FOR RECORD
SEP 24 2008
Gerry Guye, Deputy Field Inspector
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

13 Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

08/21/08: SET 4-1/2" CIBP @ 3,307'; CIRC. WELL W/ MUD LADEN FLUID.
08/22/08: MIX & PUMP A 25 SX. CMT. PLUG @ 3,307'; WOC & TAG TOP OF CMT. PLUG @ 2,926'; MIX & PUMP A 25 SX. CMT. PLUG @ 2,415'; WOC & TAG TOP OF CMT. PLUG @ 2,120'.
08/26/08: CUT & LAY DOWN 5-1/2" CASING @ 1,680'; MIX & PUMP A 30 SX. CMT. PLUG @ 1,732'; WOC & TAG TOP OF CMT. PLUG @ 1,480'.
08/27/08: PERF. 8-5/8" CASING & MIX & SQZ. A 50 SX. CMT. PLUG @ 575'; WOC & TAG TOP OF CMT. PLUG @ 390'.
08/28/08: PERF. 8-5/8" CASING & MIX & SQZ. A 30 SX. CMT. PLUG @ 250'; WOC - DID NOT TAG CMT. PLUG.
08/29/08: MIX & RE-SQZ. A 30 SX. CMT. PLUG @ 250'; WOC - DID NOT TAG CMT. PLUG; MIX & PUMP A 25 SX. CMT. PLUG @ 100'; WOC - DID NOT TAG CMT. PLUG; MIX & RE-PUMP A 25 SX. CMT. PLUG @ 100'; WOC & TAG TOP OF CMT. PLUG @ 35'.
09/02/08: MIX & CIRC. TO SURF. A 25 SX. CMT. PLUG @ 35'-5': DIG OUT & CUT OFF WELLHEAD 3' B.G.L.; WELD STEEL PLATE ON CASINGS & INSTALL DRY HOLE MARKER.

WELL PLUGGED AND ABANDONED 09/02/08.

ACCEPTED FOR RECORD
SEP 20 2008
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

14 I hereby certify that the foregoing is true and correct
Name (*Printed/Typed*)
DAVID A. EYLER

Title AGENT

Date 09/12/08

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon

Office

Title 18 U S.C. Section 1001, and Title 43 U S.C Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

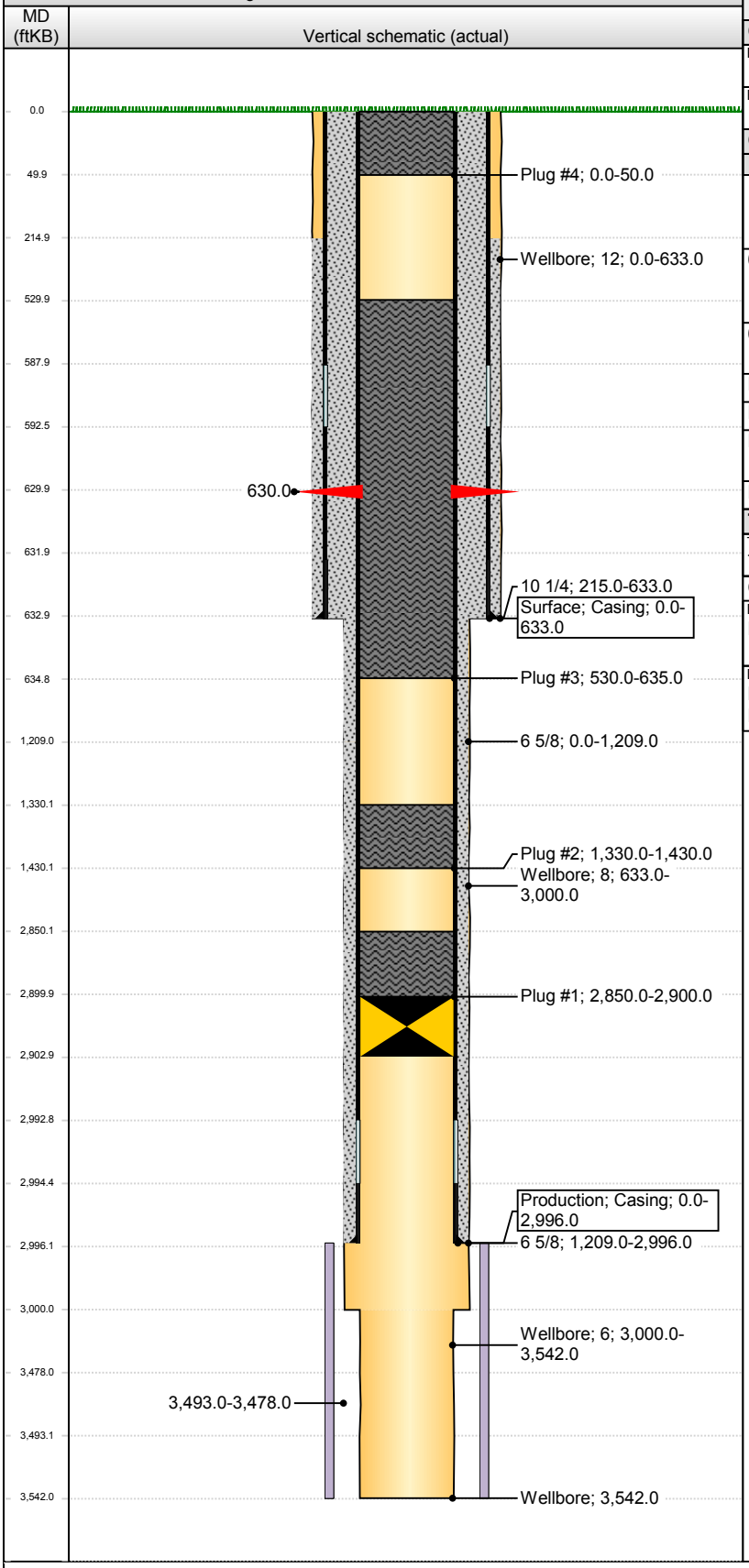
NM Sundry Schematic

Well Name: SUPERIOR FOSTER 01

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
3001505187	PBNM - PB-SKELLY	Eddy	NM	17	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,738.00	3,738.00	0.00	2/28/1938	5/10/1938	5/7/1938	32° 49' 54.696" N	103° 53' 2.112" W	Yes

Original Hole, 12/15/2014 10:24:53 AM



Original Hole Data

Casing Strings

Run Date	Casing Description	Set Depth (ftKB)
3/7/1938	Surface	633.0
4/12/1938	Production	2,996.0

Cement Stages

Des	Top (ftKB)	Btm (ftKB)	Com
10 1/4	215.0	633.0	50 sx cmt TOC @ 215' (calc)
6 5/8	1,209.0	2,996.0	125 sx cmt TOC @ 1209' (calc)
6 5/8	0.0	1,209.0	circ cmt to surface from perfs
Plug #1	2,850.0	2,900.0	
Plug #2	1,330.0	1,430.0	
Plug #3	530.0	635.0	cmt remaining from squeeze
Plug #4	0.0	50.0	

Tubing Strings

Tubing Description	Run Date	Set Depth (ftKB)
Tubing - Production	5/7/1938	3,427.1

Other In Hole

Description	Top (ftKB)	Btm (ftKB)	OD (in)	Run Date	Comment
NOTE					9 ppg mud between plugs
Bridge Plug - Permanent	2,900.0	2,903.0	6	9/1/1993	

Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

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—" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO: LC-057523

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

NM OIL CONS COMMISSION

1. OIL WELL [X] GAS WELL [ ] OTHER

7. UNIT AGREEMENT NAME: Artesia, NM 88210

2. NAME OF OPERATOR: Trinity & Closuit

MAR 22 1994

8. FARM OR LEASE NAME: Superior Foster

3. ADDRESS OF OPERATOR: P.O. Box 6A, Loco Hills, N.M. 88255

9. WELL NO.: 1

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface

Unit I, 355' FEL, 1650' FSL, NESE

10. FIELD AND POOL, OR WILDCAT: Grayburg Jackson SR-Q-G-SA

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 17, T 17S, R 31E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

12. COUNTY OR PARISH: Eddy

13. STATE: N.M.

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[X]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]				
(Other)				(Other)			

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Propose to Plug and Abandon Well.

Raymond Malonado with Pride Petroleum Services in Lovington will do all the work.
Will notify BLM, Carlsbad resource area 24 hours before starting work.
Will dig small working pit, which will be fenced and will be filled and reclaimed at completion of job along with location.
Will run CI bridge plug at 2900' and cap with 75' cement.
Will run 100' cement plug at bottom of salt from 1330' to 1430'.
Will perforate 6 5/8" and 8 1/4" pipe at bottom of 8 1/4" with 4 holes and circulate cement to surface.
Will run 9# per Gal. mud between plugs.
Will run 50' surface plug and install permanent dry hole marker.

18. I hereby certify that the foregoing is true and correct

SIGNED E. E. Hyatt TITLE Agent DATE 9-2-93

(This space for Federal or State office use)

APPROVED BY Orig. Signed by Shannon J. Shaw TITLE PETROLEUM ENGINEER DATE 3/18/94

CONDITIONS OF APPROVAL, IF ANY:

BUREAU OF LAND MANAGEMENT
RECEIVED
FEB 28 1994
DIST. 6 N.M.

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

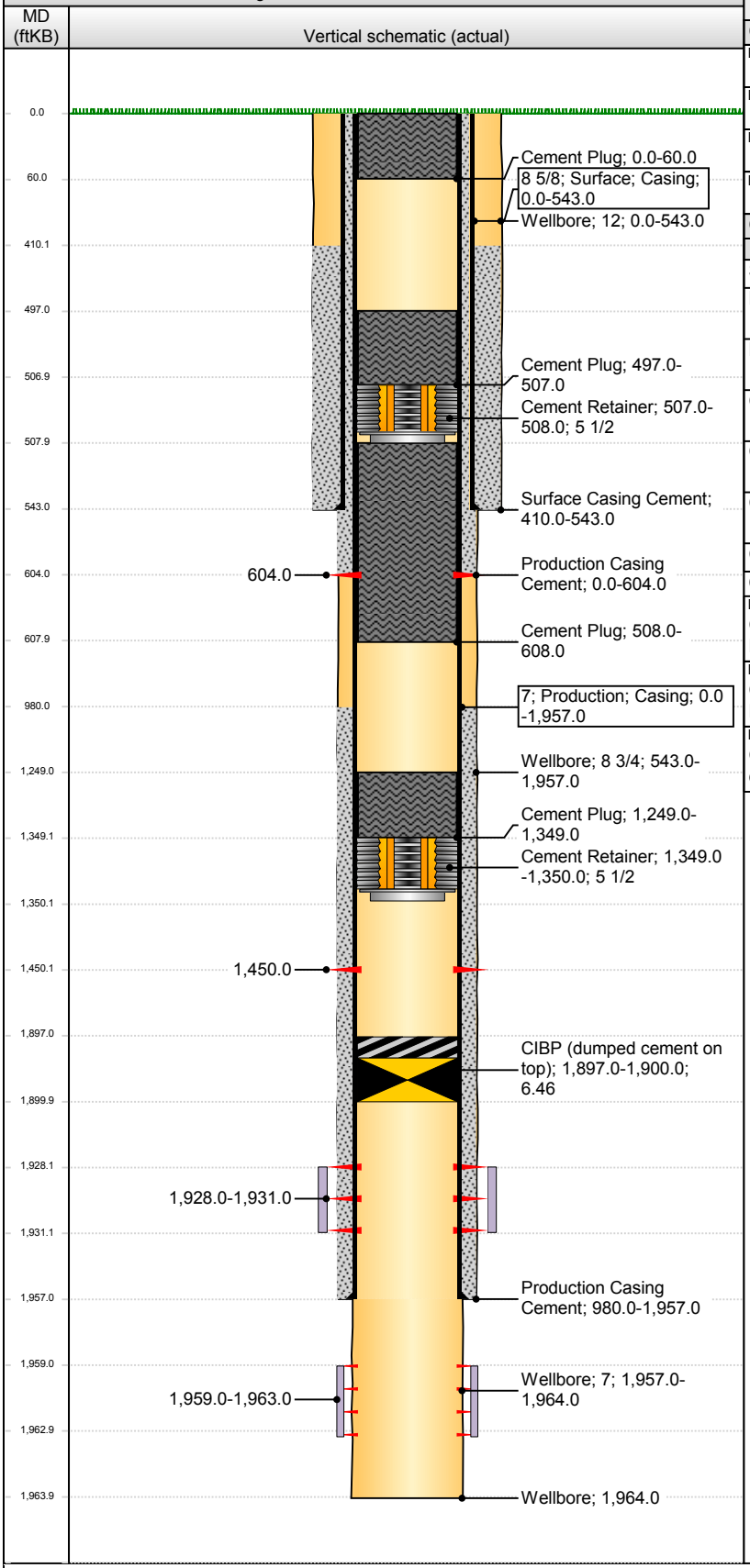
NM Sundry Schematic

Well Name: TURNER B 35

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
300150519200	PB-GRAYBURG	Eddy	NM	17	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,669.00	3,669.00	0.00	11/4/1951		11/29/1951			Yes

Original Hole, 11/3/2014 2:05:58 PM



Original Hole Data

Casing Strings

Run Date	Casing Description	Set Depth (ftKB)
11/10/1998	Production	508.0
11/15/1951	Surface	543.0
2/10/1998	Production	1,350.0
11/30/1951	Production	1,957.0

Cement Stages

Des	Top (ftKB)	Btm (ftKB)	Com
Surface Casing Cement	410.0	543.0	Cemented w/ 50 sxs.
Production Casing Cement	980.0	1,957.0	Cemented w/ 105 sxs.
Production Casing Cement	0.0	604.0	45 sxs. to surface.
Cement Plug	1,249.0	1,349.0	Dumped 100 sxs. on top of retainer.
Cement Plug	497.0	507.0	10 sxs on top of retainer.
Cement Plug	508.0	608.0	100 sxs below retainer.
Cement Plug	0.0	60.0	10 sxs, surface plug.

Other In Hole

Description	Top (ftKB)	Btm (ftKB)	OD (in)	Run Date	Comment
Cement Retainer	1,349.0	1,350.0	5 1/2		
Cement Retainer	507.0	508.0	5 1/2		
CIBP (dumped cement on top)	1,897.0	1,900.0	6.456	2/5/1998	

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division
311 S. 1st Street
Artesia, NM 88210-2834

FORM APPROVED
Budget Bureau No. 1004-0135
Expires March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
☐ Oil Well ☐ Gas Well ☒ Other P&A

2. Name of Operator
DEVON ENERGY CORPORATION (NEVADA)

3. Address and Telephone No.
20 NORTH BROADWAY, SUITE 1500, OKLAHOMA CITY, OKLAHOMA 73102 (405) 235-3611

4. Location of Well (Footage. Sec., T., R., M., or Survey Description)
330' FSL & 2310' FWL, Sec. 17-17S-31E

RECEIVED
OCD ARTESIA

5. Lease Designation and Serial No.
LC-029395-B

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
Turner "B" #35

9. API Well No.
30-015-05192

10. Field and Pool, or Exploratory Area
Grayburg Jackson

11. County or Parish, State
Eddy County, NM

CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
☐ Notice of Intent	☒ Abandonment	☐ Change of Plans
☒ Subsequent Report	☐ Recompletion	☐ New Construction
☐ Final Abandonment Notice	☐ Plugging Back	☐ Non-Routine Fracturing
	☐ Casing Repair	☐ Water Shut-Off
	☐ Altering Casing	☐ Conversion to Injection
	☐ Other ___	☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Post ID-2
4-10-98
P&A

This well was plugged and abandoned as follows:

2/5/98 – Set CIBP @ 1900' & dumped cement on top of plug.
2/7/98 – Shot 4 squeeze holes @ 1450'.
2/9 & 10/98 – Acidized squeeze holes @ 1450' w/500 gals 15% HCl acid. Set cement retainer @ 1350' Pumped 100 sx cement w/3 bbls on top of retainer. Shot 4 squeeze holes @ 604'. Set cement retainer @ 508'. Pumped 110 sx "C" w/10 sx on top of retainer. Pumped 45 sx "C" between 8 5/8" & 7" csg. Spotted 10 sx "C" from 60'-surface inside 7" casing.
2/12/98 – Cement to surface in 7" x 8 5/8" annulus. Installed dry hole marker. **P & A effective 2/12/98.**

Approved as to plugging of the well bore.
Liability under bond is retained until
surface restoration is completed.

14. I hereby certify that the foregoing is true and correct

Signed Karen Byers Title Engineering Technician Date 2/23/98
Karen Byers

(This space for Federal or State office use)

Approved by (ORIG. SGD.) DAVID R. GLASS Title PETROLEUM ENGINEER Date FEB 26 1998
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as any matter within its jurisdiction.

***See Instruction on Reverse Side**

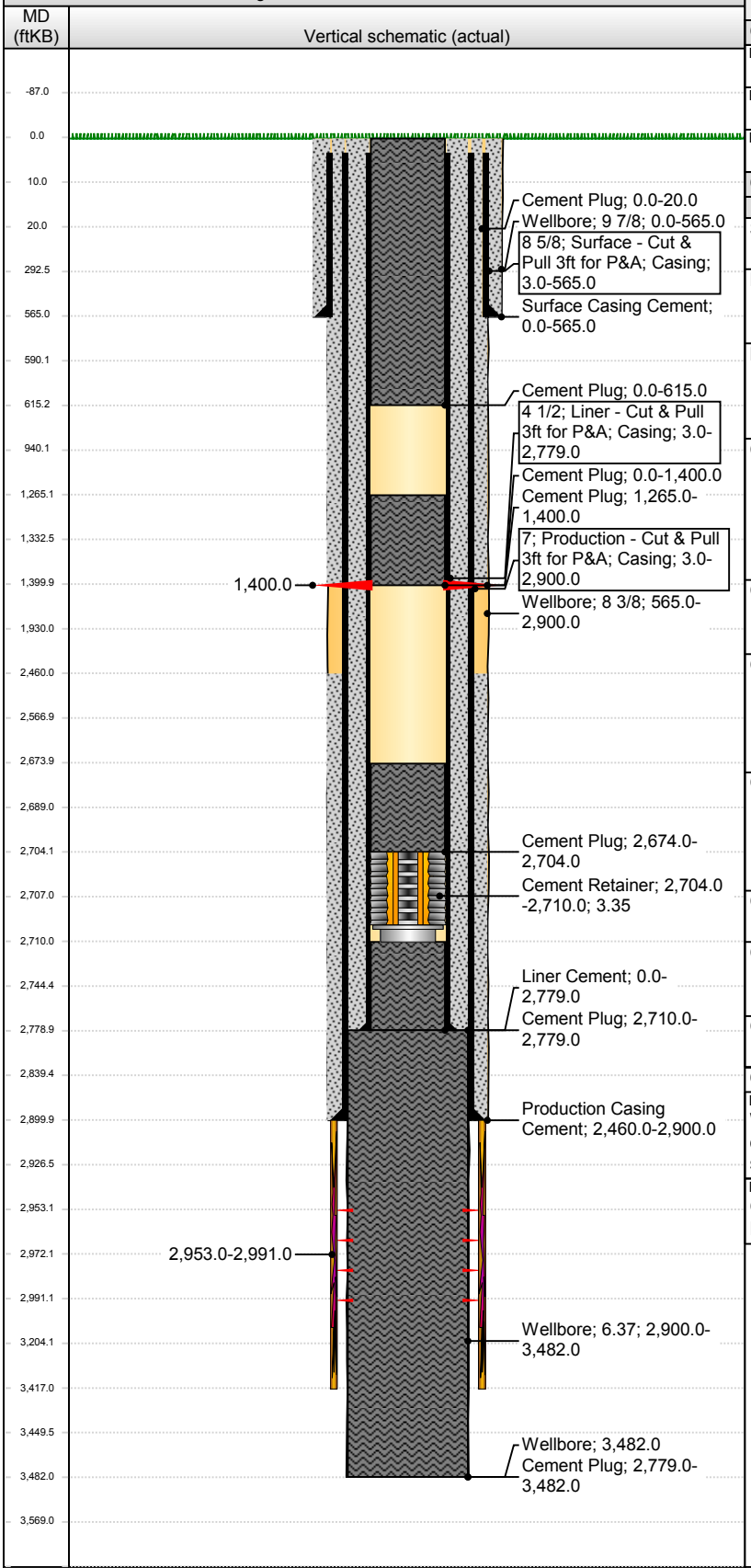
NM Sundry Schematic

Well Name: FOSTER EDDY #002

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
3001505196								

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,700.00	3,700.00	0.00	11/28/1942	2/15/1945	2/15/1945	32° 49' 57.866" N	103° 53' 23.419" W	

Original Hole, 11/3/2014 1:05:04 PM



Original Hole Data

Casing Strings

Run Date	Casing Description	Set Depth (ftKB)
8/11/1943	Surface - Cut & Pull 3ft for P&A	565.0
12/16/2001	Liner - Cut & Pull 3ft for P&A	2,779.0
8/11/1943	Production - Cut & Pull 3ft for P&A	2,900.0

Cement Stages

Des	Top (ftKB)	Btm (ftKB)	Com
Surface Casing Cement	0.0	565.0	100 sx cmt. Cmt to surface
Production Casing Cement	2,460.0	2,900.0	50 sx cmt. Yields ~ 440 ft
Liner Cement	0.0	2,779.0	cmt w/300 sx class C P+ circ cmt to surf
Cement Plug	2,710.0	2,779.0	set cmt retainer @ 2704'. Pump 150 sx P+ neat cmt under retainer. Dump 1 bbl cmt on top of retainer.
Cement Plug	2,674.0	2,704.0	1 bbl cmt. Yields ~ 30 ft. cmt
Cement Plug	1,265.0	1,400.0	Spot 25 sx class C cmt @ 1400' TOC not tagged. Assume circ to surf
Cement Plug	0.0	615.0	Spot 25 sx class C cmt plug @ 615'. Pump 100 sx cmt, circ 5 sx to surface
Cement Plug	0.0	1,400.0	TOC not tagged. Assume circ to surf
Cement Plug	0.0	20.0	circ 5 sx to surface. ~20 ft.
Cement Plug	2,779.0	3,482.0	150 sx cmt plug bottom of hole

Other In Hole

Description	Top (ftKB)	Btm (ftKB)	OD (in)	Run Date	Comment
Well perf'd in open hole section					

Description	Top (ftKB)	Btm (ftKB)	OD (in)	Run Date	Comment
Cement Retainer	2,704.0	2,710.0	3.35	4/4/2003	

Form 3160-5
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

EC

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

RECEIVED
APR 2003
OCD - ARTESIA

1. Type of Well ☒ Oil Well ☐ Gas Well ☐ Other	5. Lease Serial No. NMLC049998A
2. Name of Operator MARBOB ENERGY CORPORATION Contact: DIANA CANNON E-Mail: production@marbob.com	6. If Indian, Allottee or Tribe Name
3a. Address P O BOX 227 ARTESIA, NM 88211-0227 3b. Phone No. (include area code) Ph: 505.748.3303 Fx: 505.746.2523	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)* Sec 17 T17S R31E NWSE 1980FSL 1980FEL	8. Well Name and No. FOSTER EDDY 2
	9. API Well No. 30-015-05196-00-S1
	10. Field and Pool, or Exploratory GRAYBURG
	11. County or Parish, and State EDDY COUNTY, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☒ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

PLUG AND ABANDON AS FOLLOWS:

4/4/03 - SET CEMENT RETAINER @ 2704'. PUMP 150 SX P+ NEAT CEMENT UNDER RETAINER. DUMP 1 BBL CEMENT ON TOP OF RETAINER. SPOT 25 SX CLASS "C" CEMENT @ 1400'. SPOT 25 SX CLASS "C" CEMENT PLUG @ 615'. PUMP 100 SX CEMENT, CIRC 5 SX TO SURFACE.

CUT WELLHEAD AND CASINGS OFF 3' BELOW GROUND LEVEL & REMOVE. INSTALL DRY HOLE MARKER.

APPROVED
APR 15 2003
LES BABYAK
PETROLEUM ENGINEER

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #20621 verified by the BLM Well Information System
For MARBOB ENERGY CORPORATION, sent to the Carlsbad
Committed to AFMSS for processing by Armando Lopez on 04/15/2003 (03AL0243SE)

Name *(Printed/Typed)* DIANA CANNON — Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission) — Date 04/15/2003

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By — Title — Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. — Office

Accepted for record NMOCD

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****

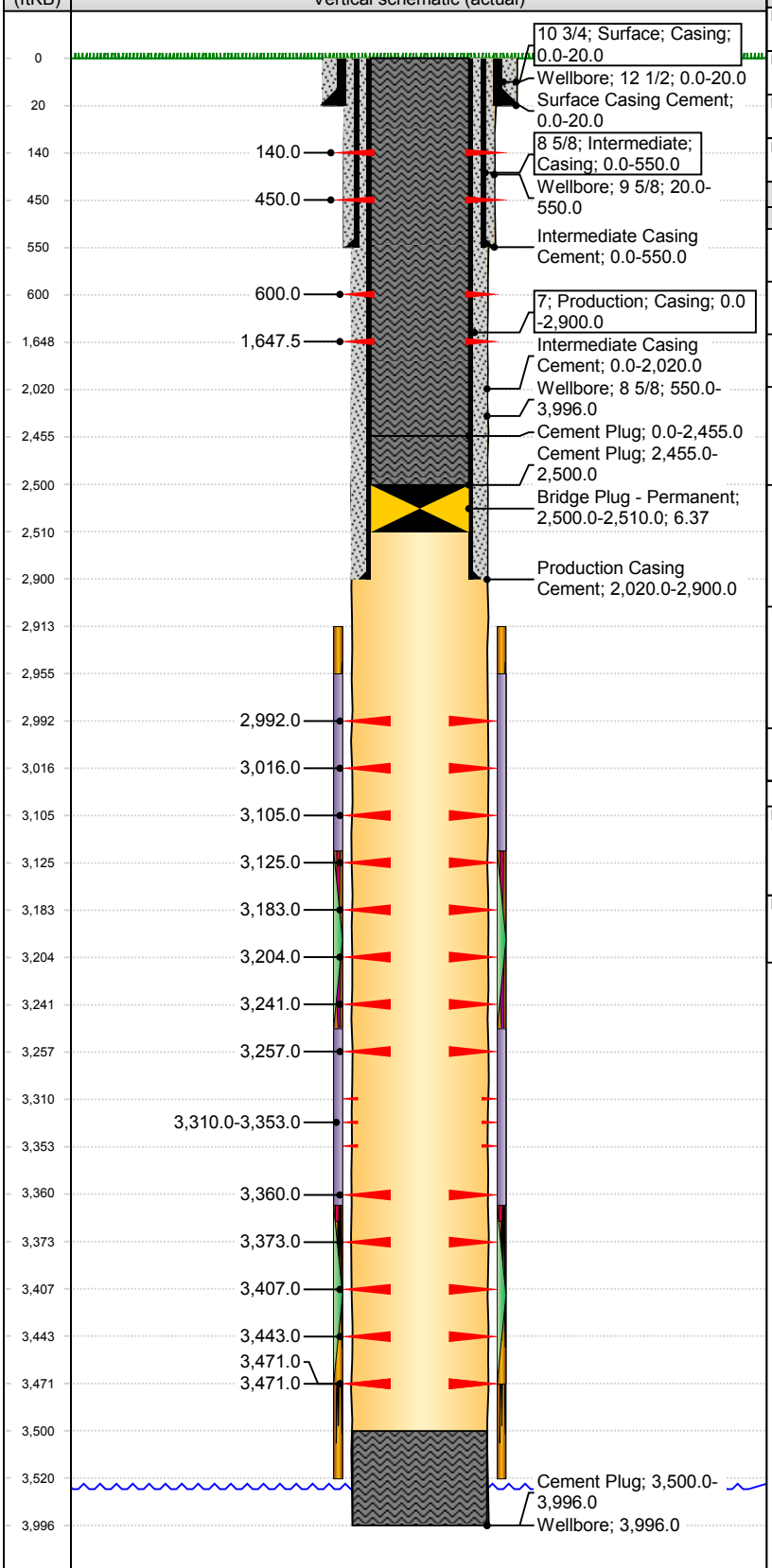
NM Sundry Schematic

Well Name: FOSTER EDDY #003

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
3001505197								

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,629.00	3,629.00	0.00	4/1/1945	6/18/1945	6/18/1945	32° 50' 10.819" N	103° 53' 38.754" W	

Original Hole, 11/3/2014 1:08:50 PM



Original Hole Data

Casing Strings

Run Date	Casing Description	Set Depth (ftKB)
4/2/1945	Surface	20.0
4/2/1945	Intermediate	550.0
4/2/1945	Production	2,900.0
10/18/1967	Liner (POH 1/14/2002)	3,491.0

Cement Stages

Des	Top (ftKB)	Btm (ftKB)	Com
Surface Casing Cement	0.0	20.0	10 sx cmt cmt to surface
Intermediate Casing Cement	0.0	550.0	50 sx cmt cmt to surface
Production Casing Cement	2,020.0	2,900.0	100 sx cmt yields ~ 880 ft cmt
Cement Plug	3,500.0	3,996.0	filled well with 200 sx cmt w/ 2# cilsonite per sx.
Cement Plug	2,455.0	2,500.0	spotted 10sx Class C Neat cement on top of 2500' CIBP yields ~45ft cmt
Intermediate Casing Cement	0.0	2,020.0	pumped 240 sx class c 2% cacl2 cmt. Circulated to top of hole.
Cement Plug	0.0	2,455.0	topped off rest of 7" csg

Other In Hole

Description	Top (ftKB)	Btm (ftKB)	OD (in)	Run Date	Comment
Well perf'd from liner that was set down well					
Bridge Plug - Permanent	2,500.0	2,510.0	6.366	1/15/2002	

Oil Cons.
N. DIV-Dist. 2
1301 W. Grand Avenue
Artesia, NM 88210

C15F

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.
LC-049998A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT-" for such proposals

SUBMIT IN TRIPLICATE



1. Type of Well
X Oil Well Gas Well Other

8. Well Name and No.
FOSTER EDDY #3

2. Name of Operator
MARBOB ENERGY CORPORATION

9. API Well No.
30-015-05197

3. Address and Telephone No.
PO BOX 227, ARTESIA, NM 88210 505-748-3303

10. Field and Pool, or Exploratory Area
GRBG JACKSON SR Q GRBG SA

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1980 FNL 1980 FWL, SEC. 17-T17S-R31E, UNIT F

11. County or Parish, State
EDDY CO., NM

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
Notice of Intent	X Abandonment	Change of Plans
	Recompletion	New Construction
X Subsequent Report	Plugging Back	Non-Routine Fracturing
	Casing Repair	Water Shut-Off
Final Abandonment Notice	Altering Casing	Conversion to Injection
	Other	Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinet details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markders and zones pertinent to this work.)*

PLUG & ABANDON THE WELL AS FOLLOWS:

1/14/02 - MIRU WOU. POOH W/ TBG. PICK UP 7" CIBP.

1/15/02 - SET CIBP @ 2500'. CIRC WELL W/ 9 PPG BRINE MIXED W/ 25 PPB SALT GEL. SPOTTED 10 SX CLASS "C" NEAT CMT ON TOP OF CIBP @ 2500'. PERF 4 HOLES @ 1647.5'. RIH W/ CICR & SET IT @ 1295'. PUMPED 240 SX CLASS "C" 2% CACL2. PERF 4 HOLES @ 600'. ATTEMPT TO PUMP DOWN 7" CSG TO BREAK CIRC. PUMPED 52 BBLS @ 3 BPM W/ 360 PSI THRU PERFS BUT DIDN'T CIRC UP THE 8 5/8" CSG. ATTEMPT TO PUMP DOWN THE 8 5/8" CSG. PIPE HAD HOLE NEAR WELLHEAD. PERF 4 MORE HOLES @ 450'. PUMPED DOWN 7" CSG. BREAK CIRC FOR ABOUT 10 SEC & LOSE 100% CIRC AT THIS TIME. PUMPED 195 PSI @ 4 BPM DOWN 7" CSG. RIH W/ 7" CICR & SET IT @ 344'. PUMPED 240 SX CLASS "C" 2% CACL2. IP WAS 100 PSI PUMPING 2 BPM. PULL OUT OF RETAINER.

1/16/02 - RAN CMT BOND LOG TOOL FROM 320' TO SURF. FOUND CMT UP TO 150'. RIH & SHOOT 4 SQUEEZE HOLES @ 140'. PUMPED 3 BBLS WATER DOWN 7" CSG & 112 SX P+ 2% CCL @ 1.5 BPM WITH NO PRESSURE. TAG CMT @ 141'. PUMPED 5 BBLS WATER DOWN 7" CSG & 95 SX CLASS "C" 2% CCL. PRESSURE CMT UP TO 200 PSI. OPEN VLV @ 7" CSG, CMT SEATED UP TO THE TOP OF 7" CSG.

1/17/02 - PRESSURE UP TO 460 PSI W/ .5 BBLS WATER. TOPPED OFF 7" CSG & WELLHEAD WITH CMT. MOVED OFF.

Approved as to plugging of the well bore.
Liability under bond is retained until
surface restoration is completed.

APPROVED
FEB 21 2002
LES BABYAK
PETROLEUM ENGINEER

14. I hereby certify that the foregoing is true and correct
Signed Diana J. Cannon Title PRODUCTION ANALYST Date 02/14/02

(This space for Federal or State office use)

Approved by Title Date
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Accepted for record
only FEB 22 2002

*See Instruction on Reverse Side

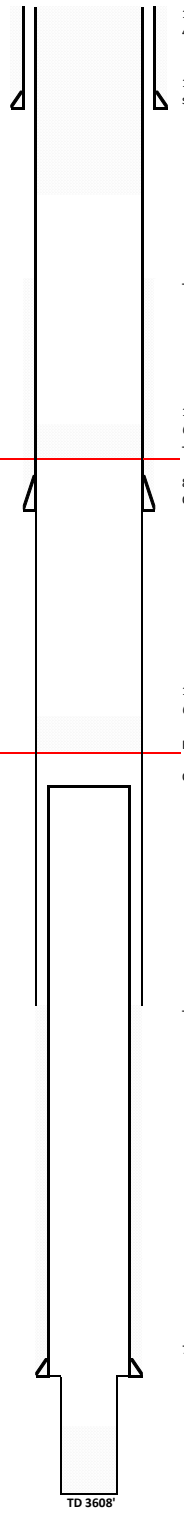
Well Name:	**Foster #001**

	Location:
Location	2790' FSL, 330' FEL
Section:	17-17S-31E
Block:	
Survey:	
County:	Eddy
Lat/Long:	32.8349755255656,-103.88444881618
Field:	Grayburg Jackson
	Elevations:
GL:	3,775'
DF.	3,775'
KB-GL Calc:	
ck w/log?	

Logging Requirements:

Date	
6/9/1937	Well Spudded. Casing set & cemented as shown.
9/16/1937	Well plugged as follows:
	Cut & Pull 7" csg 1,535'
	10 sx cmt plug on bottom 3608'. TOC @ 3570' (calc). Assume 1.32 cu ft/sx and 50% fillup.
	10 sx plug @ 1300' (base of salt). TOC @ 1280' (calc). Assume ""
	10 sx plug @ 600' (top of salt). TOC @ 560'. Assume 1.32 cu ft/sx cmt.
	10 sx plug on top of hole. BOC @ 40' (calc). Assume 1.32 cu ft/sx cmt.
	Heavy mud used to fill hole between cement plugs and top of hole.

Current
Wellbore Diagram



10 sx top of hole. BOC @ 40' (calc)

10" Surface Casing set @ 22'

TOC @ 372' (calc)

10 sx plug @ 600'. TOC @ 560' (calc)

T. Salt 600'

8 1/4" Intermediate Casing. Set @ 617'

10 sx plug @ 1300'. TOC @ 1280' (calc)

B. Salt 1300'

Casing cut & Pull (1535')

TOC @ 2455' (calc)

7" Production Casing. Set @ 3380'

10 sx dumped down @ TD. TOC @ 3570' (calc)

Well Name:	**Foster #001**
API No:	**30-015-05198**
Spud Date:	**6/9/1937**
WBD Update:	**1/21/2015 M. Reginato**

Hole Size:	12 1/4" (assume)
Surf Csg:	10"
Cement Blend:	19 sx
Depth:	22'
TOC:	Surface (calc). Assume 1.32 cu ft/sx and 50% fillup

Hole Size:	9 5/8" (assume)
Int. Csg:	8 1/4"
Cement Blend:	50 sx
Depth	617'
TOC:	372' (calc). Assume 1.32 cu ft/sx and 50% fillup

Hole Size:	7 7/8" (assume)
Prod. Csg:	7"
Cement Blend:	100 sx
Depth	3380'
TOC:	2455' (calc). Assume 1.32 cu ft/sx and 50% fillup

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
1500	1570		Anhydrite
1570	1600		Anhydrite & red bed
1600	1630		Red bed
1630	1725		Anhydrite & red bed
1725	1805		Anhydrite
1805	1815		Red Rock
1815	1865		Anhydrite & Red Shale
1865	1870		Red Rock
1870	1900		Anhydrite
1900	1935		Anhydrite & Shale
1935	1975		Anhydrite
1975	2070		Anhydrite & Shale
2070	2075		Bn. Lime & Anhydrite (O. & G. S.)
2075	2145		Anhydrite
2145	2150		Anhydrite & sdy. lime (O. & G. S.)
2150	2215		Anhydrite
2215	2225		Brown Lime
2225	2250		Anhydrite
2250	2253		Shale
2253	2276		Anhydrite
2276	2310		Anhydrite & Red Shale
2310	2335		Anhydrite
2335	2412		Anhydrite & Shale
2412	2485		Anhydrite
2485	2525		Red sand
2525	2675		Anhydrite
2675	2705		Anhydrite & Shale
2705	2720		Brown Lime
2720	2800		Bn. Lime & Anhydrite
2800	2818		Anhydrite & Shale
2818	2830		Anhydrite & Lime
2830	2855		Lime
2855	2870		Bn. Lime
2870	2890		Anhydrite & Lime
2890	2950		Gray Lime
2950	2980		Lime & Slate
2980	3085		Gray Lime
3085	3088		Shale
3088	3430		White & Gray Lime
3430	3440		Lime & Slate
3440	3480		White & Gray Lime (Acidized with 1000 gal, no results)
3480	3529		White Lime
3529	3535		White Lime oil show
3535	3574		Gray Lime (acidized with 1000 gal. 15% acid on Sept. 14, 1937 from 3550-3574' no results.)
3574	3585		Gray Lime
3585	3608		Bn. lime - 1/2 B.W.P.H.
	3608		TOTAL DEPTH

Plugging Record:

Recovered 7" 1535'4" - 8¼" None 10" none

10 sacks cement plug on bottom 3608'

10 sacks cement plug at 1300' Base Salt

10 sacks cement plug at 600' Top Salt

10 sacks top of hole

Heavy mud used to fill hole between cement plugs and top of hole, put in with buckets.

Gas shut off.

16—43094-1 U. S. GOVERNMENT PRINTING OFFICE

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give full size and location. If the well has been shot or treated, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

RECEIVED
U. S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

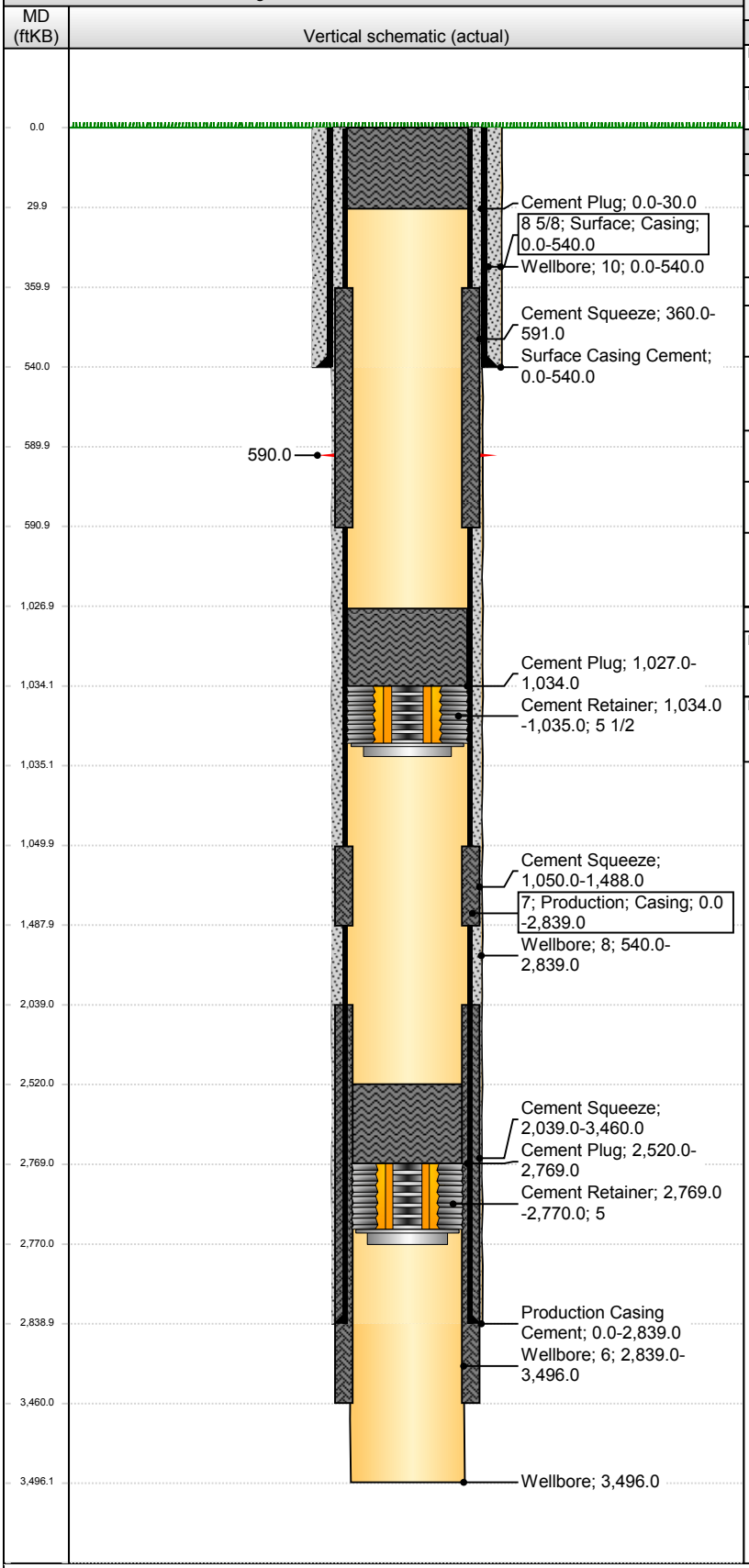
NM Sundry Schematic

Well Name: FOSTER V L 01

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
300150520000	PB-GRAYBURG	Eddy	NM	17	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,727.00	3,727.00	0.00	6/14/1949		8/19/1949			Yes

Original Hole, 11/3/2014 1:34:38 PM



Original Hole Data

Casing Strings

Run Date	Casing Description	Set Depth (ftKB)
6/14/1949	Surface	540.0
6/14/1949	Production	2,839.0

Cement Stages

Des	Top (ftKB)	Btm (ftKB)	Com
Cement Squeeze	2,039.0	3,460.0	Squeezed open hole w/ 250 sxs.
Production Casing Cement	0.0	2,839.0	Cemented w/ 100 sxs.
Surface Casing Cement	0.0	540.0	Cemented w/ 50 sxs.
Cement Plug	2,520.0	2,769.0	50 sxs cement dropped on cmt. ret.
Cement Plug	1,027.0	1,034.0	Dumped 2 sxs cement on cmt. ret. set @ 1035.
Cement Squeeze	360.0	591.0	Squeezed w/ 225 sxs cement.
Cement Plug	0.0	30.0	Surface plugged w/ 30 sxs cement.
Cement Squeeze	1,050.0	1,488.0	Found holes in csg. Squeezed w/ 150 sxs.

Other In Hole

Description	Top (ftKB)	Btm (ftKB)	OD (in)	Run Date	Comment
Cement Retainer	2,769.0	2,770.0	5	12/20/1978	
Cement Retainer	1,034.0	1,035.0	5 1/2	12/21/1978	

NMOCC COPY

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

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—" for such proposals.)

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: Sun Oil Company

3. ADDRESS OF OPERATOR: P. O. Box 1861, Midland, TX 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 2310 FNL & 2310 FEL - Unit Letter G

AUG 1 1980

5. LEASE DESIGNATION AND SERIAL NO.: LC 049998 (a)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: V. L. Foster

9. WELL NO.: 1

10. FIELD AND POOL, OR WILDCAT: Grayburg Jackson SR.Q.G.SA.

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec 17, T-17-S, R-31-E

14. PERMIT NO.: Blanket

15. ELEVATIONS (Show whether DF, RT, GR, etc.): Unknown

12. COUNTY OR PARISH: Eddy

13. STATE: N.M.

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[X]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]				
(Other)				(Other)			

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

12-19-78 MIRU. Ran 6 1/- RB on 2 7/8" tbg. to 2850. SDFN.

12-20-78 Load hole w/10# Brine. Circ. POH w/6 1/4 RB & WS to 1900'. Hit obstruction and lost 6 1/4 RB And 900' 2 7/8" tbg. Tag fish @ 2500. Screwed into fish. POH. Recovered all tbg & bit. RIH w/7" Baker K Cmt. Ret. set @ 2770. Shut off Wtr. Load annulus w/fresh wtr. Test to 3000#. O.K. Sqz. OH 2039-3460 w/250 sx CL.H Cmt. FP 3000 PSI. Pulled out of Ret. Dropped 50 sx. CL. H on Ret. Anticipate TOC @ 2520'. POH.

12-21-78 Loaded hole w/10# Brine. Tst. csg. EIR 4 BPM @ 500#. RIH w/FB Pkr. & W.S. Found holes in 7" csg. 1050-1488. POH w/Pkr & WS. RIH w/7" Baker K retainer on 2 7/8 tbg. Set Ret @ 1035. EIR @ 4 BPM @ 500#. Sqz csg. 1050-1488 w/150 sx. CL.H, FP 500, PO Ret. Dumped 2 sx CL. H on Ret. Est. TOC @ 1027. POH w/ws.

12-22-78 Perf. 7" csg. @ 590 W/4 way sqz. Gun. Ran Bailer FB Pkr to 360'. Press. 500# on csg. O.K. Sqz Perfs w/225 sx. CL.H, FP 200. Circ. 30 sx cmt. WOC.

12-23-78 Pressure tstd 7" csg. to 500#. O.K. POH w/Pkr & W.S. Spot 20' cmt plug at surface. Cut off wellhead. Set permanent marker. R.R. well P&A 12PM.

Contacted BLM 12-20-78

18. I hereby certify that the foregoing is true and correct

SIGNED Carson Mantzel TITLE Prod. Staff Associate DATE 1-16-79

(This space for Federal or State office use)

APPROVED BY (Orig. Sgd.) PETER W. CHESTER TITLE ACTING DISTRICT ENGINEER DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

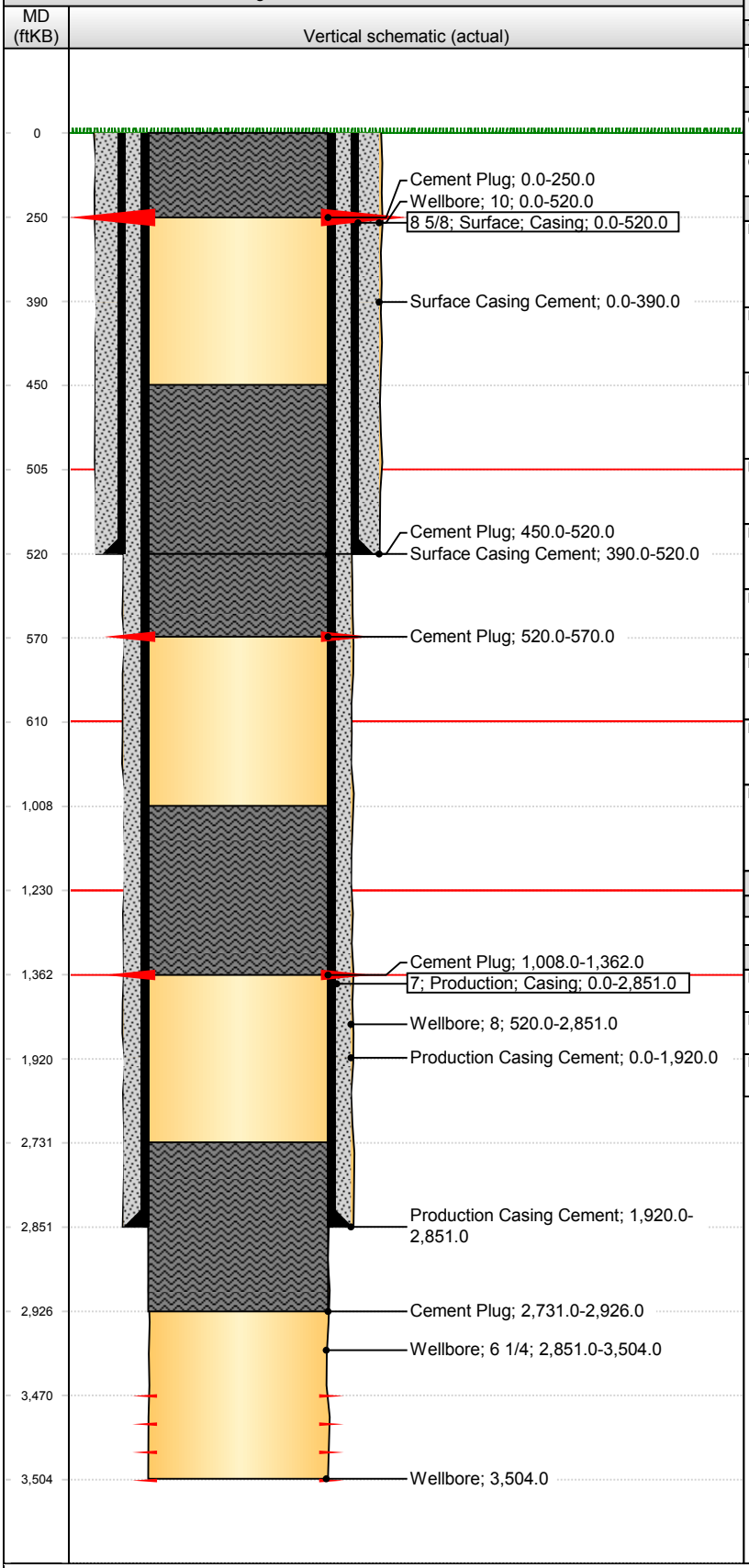
NM P&A Schematic

Well Name: FOSTER V L 03

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
3001505202	PBNM - PB-GRAYBURG	Eddy	NM	17	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,715.00	3,715.00	0.00	10/6/1949	12/8/1949	12/6/1949	32° 50' 7.728" N	103° 53' 9.348" W	Yes

Original Hole, 1/13/2015 4:08:13 PM



Original Hole Data

Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag

Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Surface	520.0	8 5/8	8.017	28.00	H-40	
Production	2,851.0	7	6.366	22.00		

Cement Stages

Description	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
Surface Casing Cement	390.0	520.0		50 sx cmt. TOC @ 390' (calc)
Surface Casing Cement	0.0	390.0		cmt to surface from squeeze cmt
Production Casing Cement	1,920.0	2,851.0		100 sx cmt TOC @ 1920' (calc)
Production Casing Cement	0.0	1,920.0		cement to surface from sqeeze cmt
Cement Plug	2,731.0	2,926.0		pump 50 sx cmt plug @ 2926'. TOC tagged.
Cement Plug	1,008.0	1,362.0		squeeze 50 sx cmt plug @ 1362'. TOC tagged
Cement Plug	520.0	570.0		squeeze 50 sx cmt plug @ 570'. TOC tagged
Cement Plug	450.0	520.0		pump 15 sx cmt plug @ 520'. TOC calculated
Cement Plug	0.0	250.0		squeeze 100 sx cmt plug @ 250' to surface. Cut off 3' of casing & P&A

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Com
NOTE				Casing Leak @ +/- 300'

Formations

Formation	Final Top...	Final Btm...	Comment
Salt & Anhydrite	505.0	610.0	
Salt	610.0	1,230.0	
Potash & Salt	1,230.0	1,362.0	

Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

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

Month - Year
MAY 25 2007
OCD - ARTESIA, NM

Form C-103
May 27, 2004

WELL API NO.
30-015-05202

5. Indicate Type of Lease
STATE ☐ FEE ☐

6. State Oil & Gas Lease No.
BLM LC-049998-A

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
Foster, V. L.

1. Type of Well: Oil Well x☐ Gas Well ☐ Other Injector

8. Well Number 003

2. Name of Operator
Merit Energy Company

9. OGRID Number 14591

3. Address of Operator
13727 Noel Road, Suite 500 Dallas, Texas 75240

10. Pool name or Wildcat
Grayburg-Jackson

4. Well Location
Unit Letter_____: 2310 feet from the north line and 990 feet from the east line
Section 17 Township 17-S Range 31-E NMPM Eddy County

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)*

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type_____ Depth to Groundwater_____ Distance from nearest fresh water well_____ Distance from nearest surface water_____

Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	☐	PLUG AND ABANDON	☐	REMEDIAL WORK	☐	ALTERING CASING	☐
TEMPORARILY ABANDON	☐	CHANGE PLANS	☐	COMMENCE DRILLING OPNS.	☐	P AND A	X ☐
PULL OR ALTER CASING	☐	MULTIPLE COMPL	☐	CASING/CEMENT JOB	☐		
OTHER:	☐			OTHER: ☐			

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

04/30/07 – Mix & pump a 50 sx cmt plug @ 2926' per Wesley w/BLM, WOC & Tag to of cmt plug @ 2731'.
05/01/07 – Circ well w/P&A mud, perf sqz holes # 1362', mix & sqz a 50 sx cmt plug @ 1362', WOC.
05/02/07 – Tag top of cmt plug @ 1008', perf sqz holes @ 570', mix & sqz a 50 sx cmt plug @ 570', WOC.
05/03/07 – Tag top of cmt plug @ 520', mix & pump a 15 sx cmt plug @ 520' per BLM. Peft sqz holes @ 250', mix & sqz a 100 sx cmt plug @ 250' – 3', dig out & cut off wellhead 3' B.G.L., weld on steel plate & install dry hole marker.

Well plugged and abandoned on 05/03/07.

Accepted for record
NMOCD
JUN 1 2007

I hereby certify that the information above is true and complete to the best of my knowledge and belief. **I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.**

SIGNATURE Kerry M Sanders TITLE Sr. Regulatory Analyst DATE -5/22/2007

Type or print name E-mail address: Telephone No. (972) 628-1610

For State Use Only

APPROVED BY:_____ TITLE_____ DATE_____

Conditions of Approval (if any):

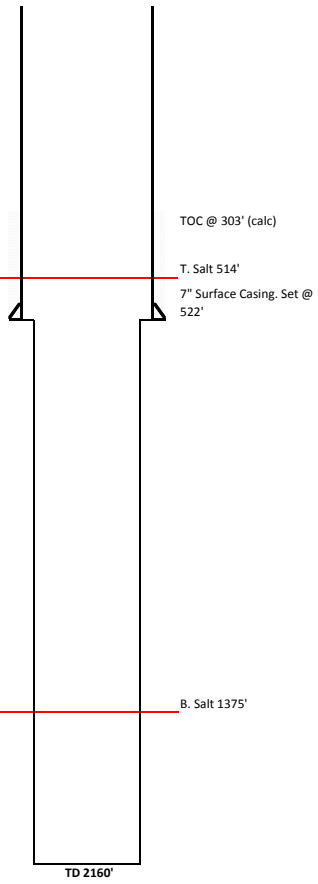
Well Name:	**Foster A #005**

	Location:
Location	2310' FNL, 660' FEL
Section:	S17-T17-R31
Block:	
Survey:	
County:	Eddy
Lat/Long:	32.8354475437366,-103.885529921177
Field:	Fren
	Elevations:
GL:	3,726'
DF.	3,726'
KB-GL Calc:	
ck w/log?	

Logging Requirements:

Date	
4/24/1950	Spud well. Run and cmt casing as follows.
8/30/1956	Determined that pay section for well was very thin so that no oil string was ever set - packer was used instead. This well has only made 4 bbls per month for the past 3-4 months. Propose to pull tubing, spot 10 sx cmt @ 2060', fill hole w/ mud to 522', spot 5 sx cmt and leave 522' of 7" csg in hole Fill such pipe with mud and place regulation marker
	NO P&A REPORT FILED WITH OCD

Current
Wellbore Diagram



Well Name:	**Foster A #005**
API No:	**30-015-05204**
Spud Date:	**4/24/1950**
WBD Update:	**1/21/2015 M. Reginato**

Hole Size:	8 3/4" (assume)
Surf Csg:	7"
Cement Blend:	50 sx
Depth:	522
TOC:	303' (calc). Assume 1.32 cu ft/sx and 50% fillup

Form 9-331a
(Feb. 1951)

Budget Bureau 42-R358.2.
Approval expires 12-31-52.

APPROVED
SEP 4 1956
JOHN A. FROST
DISTRICT ENGINEER

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

AUG 31 1956
ROSBS OFFICE OGC
24 AM 7:37

Land Office Las Cruces
Lease No. 049998-A
Peter 5-A

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	X		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

August 30, 19 56

Well No. 5-A is located 2310 ft. from {N} line and 660 ft. from {E} line of sec. 17

SE NE 17 (¼ Sec. and Sec. No.) 17 (Twp.) 31E (Range) (Meridian)

Pren (Field) Eddy (County or Subdivision) New Mexico (State or Territory)

The elevation of the derrick floor above sea level is ..... ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

This well was drilled in April 1950 to TD 2160' in the Seven Rivers Sand. Pay section was very thin so that no oil string was ever set-packer was used instead. This well has only made 4 Bbls. per month for past 3-4 months. We propose to pull tubing, spot 10 sacks of cement at 2,060', fill hole with mud to 522', spot 5 sacks of cement and leave 522' of 7" casing in hole, fill such pipe with mud and place regulation marker.

SEP 3 1956

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Peter Drilling Co.

Address Box 716

Monahans, Texas

By A E Weir

Title President

U. S. GOVERNMENT PRINTING OFFICE 16-8437-4

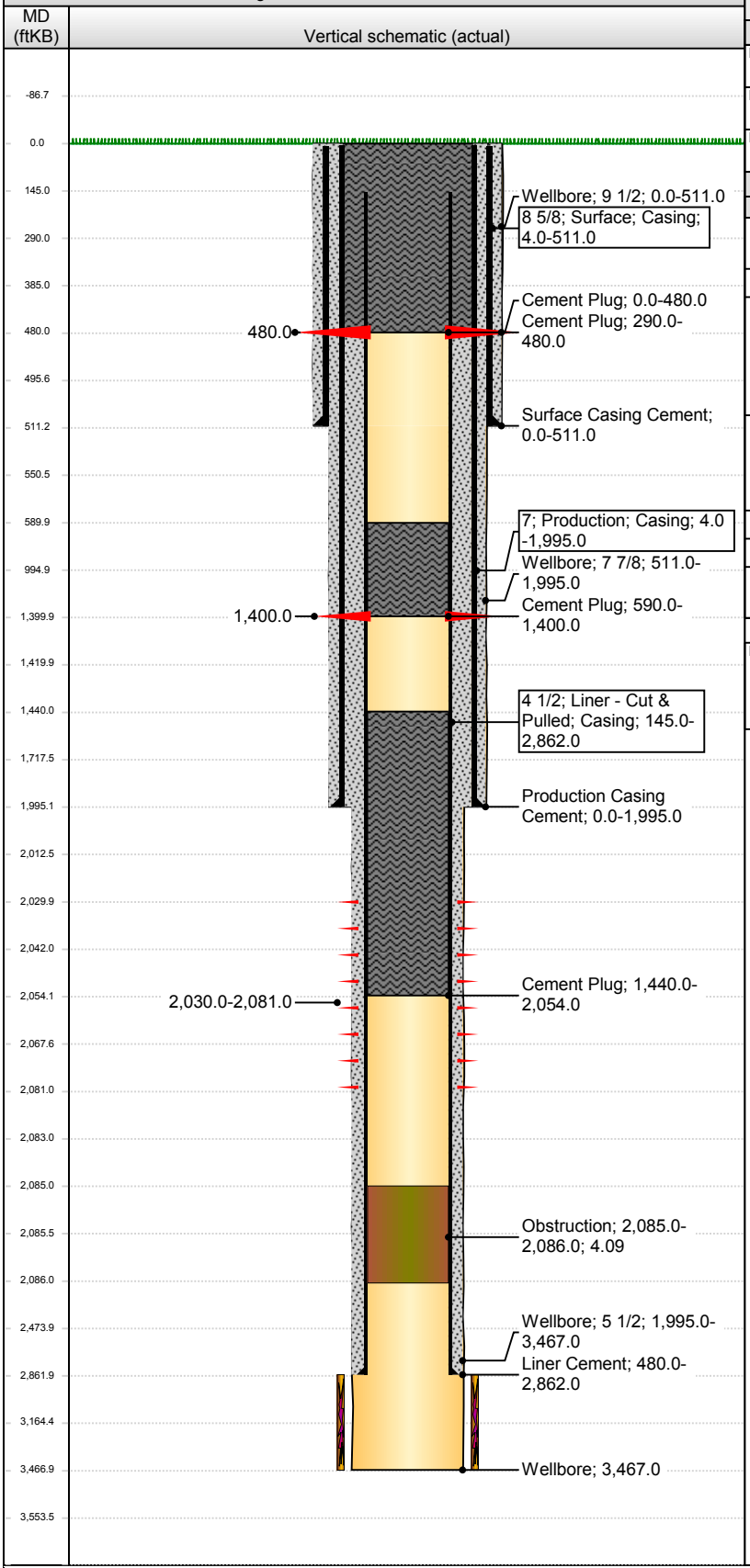
NM Sundry Schematic

Well Name: FOSTER V L 06

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
300150520500	PB-GRAYBURG	Eddy	NM	17	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,729.00	3,729.00	0.00	10/30/1950	1/4/1951	1/4/1951			Yes

Original Hole, 12/8/2014 9:54:26 AM



Original Hole Data

Casing Strings

Run Date	Casing Description	Set Depth (ftKB)
11/2/1950	Surface	511.0
11/2/1950	Production	1,995.0
10/1/1957	Liner - Cut & Pulled	2,862.0

Cement Stages

Des	Top (ftKB)	Btm (ftKB)	Com
Cement Plug	0.0	480.0	10 sxs cement @ surface
Surface Casing Cement	0.0	511.0	Cemented w/ 50 sxs.
Production Casing Cement	0.0	1,995.0	Cemented w/ 100 sxs initially Then cemented to surface from perfs
Liner Cement	480.0	2,862.0	Cemented w/ 50 sxs. Then cemented through perfs
Cement Plug	590.0	1,400.0	spotted 100 sx plug
Cement Plug	290.0	480.0	spot 50 sx cmt
Cement Plug	1,440.0	2,054.0	100 sxs cement plug tagged @ 2054

Other In Hole

Description	Top (ftKB)	Btm (ftKB)	OD (in)	Run Date	Comment
Obstruction	2,085.0	2,086.0	4.09	4/7/1982	Unable to go inside 4 1/2" csg. Something obstructing

OIL CONS. COMMISSION
Drawer DD
Artesia, NM 88210

Form 9-331
Dec. 1973

Form Approved.
Budget Bureau No. 42-R1424

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

C/SF

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 Form 9-331-C for such proposals.)

1. oil well ☑ gas well ☐ other WIW
2. NAME OF OPERATOR Sun ~~Oil Company~~ Exploration & Prod. Co.
3. ADDRESS OF OPERATOR P.O. Box 1861, Midland, Texas 79702
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
   AT SURFACE:
   AT TOP PROD. INTERVAL:
   AT TOTAL DEPTH:
5. LEASE V.L. Foster
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME V.L. Foster
9. WELL NO. 6
10. FIELD OR WILDCAT NAME Grayburg- Jackson
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Unit Letter G Sec. 17, T. 17-S, Range 31-E
12. COUNTY OR PARISH Eddy
13. STATE New Mexico
14. API NO. Federal LC-049998 (a)
15. ELEVATIONS (SHOW DF, KDB, AND WD) N/A

RECEIVED
DEC 28 1981
O. C. D.
ARTESIA, OFFICE

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	☐		☐
FRACTURE TREAT	☐		☐
SHOOT OR ACIDIZE	☐		☐
REPAIR WELL	☐		☐
PULL OR ALTER CASING	☐		☐
MULTIPLE COMPLETE	☐		☐
CHANGE ZONES	☐		☐
ABANDON*	☒		☐
(other)			

RECEIVED
DEC 21 1981
OIL & GAS
U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

MIRU csg. PU. Install BOP. POH w/oild 2-3/8 tbg.
RIH w/2-3/8" tbg. to 3465. Load Hole w/9.5# mud laden fluid. POH.
RIH w/CIBP on SL. Set CIBP @2840, dump 2 sx cmt on top CIBP
Stretch scg & locate free point. Cut csg. Above free point & POH w/4-1/2"csg.
RIH w/CIBP on SL. Set CIBP @1960', dump 2 sx cmt on top CIBP.
Stretch csg & locate free point. Cut csg above free point & POH w/7" Csg.
RIH w/2-3/8" tbg. Spot 20 sx cmt from 1410 to 1310', 30 sx cmt @ 561'.
Spot 10 sx cmt @.Surface.
Cut scg off 3' below surface, weld on steel plate. Weld on dry hole marker, clean up location.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Dee Ann Kemp TITLE Acct. Asst. II DATE 12-18-81

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: SEE ATTACHED FOR CONDITIONS OF APPROVAL

APPROVED AS AMENDED
DEC 23 1981
for JAMES A. GILLHAM
DISTRICT SUPERVISOR

*See Instructions on Reverse Side

4-7- RIH w/ 2-3/8 tbg w/ ½ MULE shoe JT TAG 2085, Unable to Go inside 4½ csg. PU to 2054, CIRC hole w/ 10# brine, mix & spot 100sx Class "C" cmt, plug 2054-Displ to 2000'.

4-8- RIH w/ 2-3/8 tbg. TAG cmt plug 1440' CIRC hole w/ 10# brine. POH w/ 2-3/8 tbg.

4-9- PERF 4 sqz holes 1400', RIH w/ 2-3/8 tbg open ended. Spot 50sx Class "C" cmt Plug 1395-1135, POH w/ tbg. WOC 4 hrs. RIH w/ 2-3/8 tbg open ended, to 1440', No cmt above perfs at 1400', PU TS 1395, Mix & pump 50 sx Class "C" cmt, Plug 1395-1135, POH w/ tbg.

4-10- RIH w/ 2-3/8 tbg open-ended. TAG cmt plug at 590'. POH w/ 2-3/8 tbg. PERF 4 sqz. holes @ 480'. RIH w/ 2-3/8 tbg open-ended, Mix & spot 50 sx cmt Plug 466-220'. POH w/ 2-3/8 tbg WOC 5 hrs. RIH w/ 2-3/8 tbg. Open-ended. TAG cmt plug @ 290', POH w/ 2-3/8 tbg.

4-11 Spot 10 sxs cmt. Plug at surface/cut off csg (4' belowGL) Weld on steel plate, install dry hole marker.

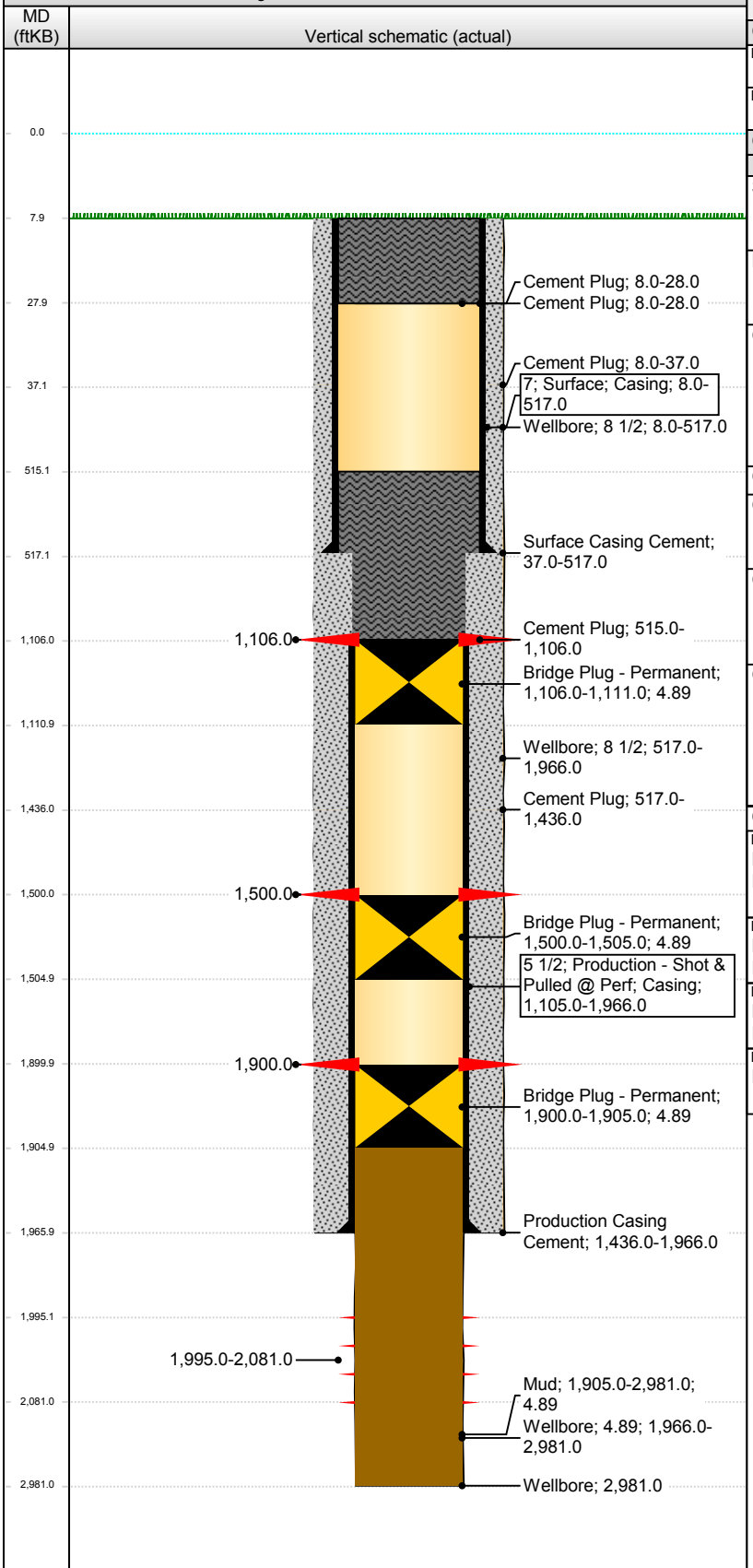
NM Sundry Schematic

Well Name: FOSTER 8A

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
3001505207								

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,718.60	3,726.60	8.00	5/15/1954	6/21/1954	6/21/1954	32° 50' 7.546" N	103° 53' 42.627" W	

Original Hole, 11/3/2014 1:15:34 PM



Original Hole Data

Casing Strings

Run Date	Casing Description	Set Depth (ftKB)
6/22/1954	Surface	517.0
6/22/1954	Production - Shot & Pulled @ Perf	1,966.0

Cement Stages

Des	Top (ftKB)	Btm (ftKB)	Com
Surface Casing Cement	37.0	517.0	cmt w/ 50 sx cmt yields ~480 ft.
Production Casing Cement	1,436.0	1,966.0	cmt w/ 100 sx yields ~530 ft.
Cement Plug	8.0	28.0	set cement bridge in bottom of surface pipe - set 10' cement bridge at top of hole with regulation marker.
Cement Plug	8.0	28.0	
Cement Plug	8.0	37.0	Assume cemented rest of surface casing when plugging
Cement Plug	515.0	1,106.0	Set cmt bridge on bottom of surface pipe after pulling production csg
Cement Plug	517.0	1,436.0	cmt bridge plug after pulled production csg. Assume cmtd all of csg

Other In Hole

Description	Top (ftKB)	Btm (ftKB)	OD (in)	Run Date	Comment
Bridge Plug - Permanent	1,900.0	1,905.0	4.892	6/16/1961	mudded hole shot pipe, could not pull
Bridge Plug - Permanent	1,106.0	1,111.0	4.892	6/16/1961	shot pipe, pulled same
Bridge Plug - Permanent	1,500.0	1,505.0	4.892	6/16/1961	shot pipe, could not pull
Mud	1,905.0	2,981.0	4.892	6/16/1961	Mudded hole

Form 9-331 a
(March 1942)

1 Cy SF

N. M. O. C. C. COPY

(SUBMIT IN TRIPLICATE)

Budget Bureau No. 42-R358.1.
Approval expires 11-30-49.

Land Office Las Cruces

Lease No. 049998A

Unit Foster 8A

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPROVED
JUN 29 1961
A. R. BROWN
ACTING DISTRICT ENGINEER

RECEIVED
JUN 30 1961
N. M. O. C. C.
ARTESIA, OFFICE

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	X
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

June 16, 1960

Foster
Well No. 8A is located 2310 ft. from {N/S} line and 1650 ft. from {E/W} line of sec. 17

SE/4 NW/4 (¼ Sec. and Sec. No.) | 17 (Twp.) | 31E (Range) | NMPM (Meridian)

Fren (Field) | Eddy (County or Subdivision) | New Mexico (State or Territory)

The elevation of the derrick floor above sea level is ..... ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Mudded hole, set bridge plug at 1,900', shot pipe, could not pull, set second plug at 1,500', shot pipe, could not pull, set plug at 1,106', shot pipe, pulled same. Set cement bridge in bottom of surface pipe - set 10' cement bridge at top of hole with regulation marker.

RECEIVED
JUN 27 1960
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Weier Drilling Company

Address Box 1296

Monahans, Texas

By R. [illegible]

Title Office Manager

U. S. GOVERNMENT PRINTING OFFICE 16-8437-3

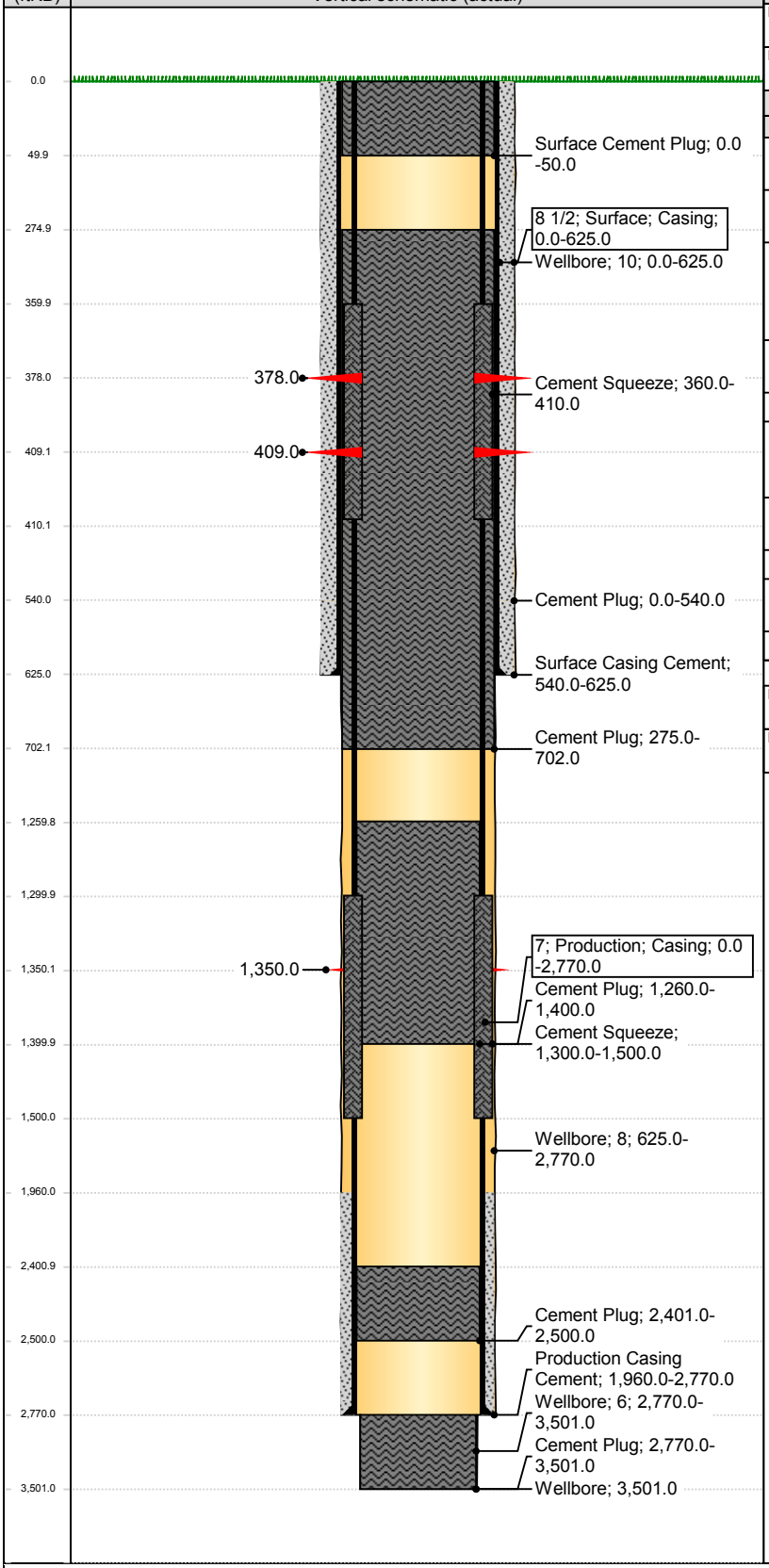
NM Sundry Schematic

Well Name: HUDSON FEDERAL 2

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
300150520900	PB-GRAYBURG	Eddy	NM	18	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,717.00	3,717.00	0.00	2/2/1939					Yes

Original Hole, 11/3/2014 12:45:04 PM



Original Hole Data

Casing Strings

Run Date	Casing Description	Set Depth (ftKB)
2/22/1939	Surface	625.0
2/23/1939	Production	2,770.0

Cement Stages

Des	Top (ftKB)	Btm (ftKB)	Com
Surface Casing Cement	540.0	625.0	Cemented w/ 50 sxs of cmt.
Production Casing Cement	1,960.0	2,770.0	
Cement Squeeze	360.0	410.0	from 75 and 100 sx class C cmt plug job because of casing leaks
Cement Plug	2,401.0	2,500.0	Pumped 250 sxs of cmt below retainer.
Surface Cement Plug	0.0	50.0	Surface Cement Plug
Cement Plug	2,770.0	3,501.0	Cemented w/ 250 sxs of class "C" cmt below retainer.
Cement Plug	275.0	702.0	Cemented w/ 100 sxs of cmt.
Cement Plug	1,260.0	1,400.0	75 sxs class C cmt
Cement Squeeze	1,300.0	1,500.0	from 75 sxs class C cmt plug job
Cement Plug	0.0	540.0	100 sx cmt

Other In Hole

Description	Top (ftKB)	Btm (ftKB)	OD (in)	Run Date	Comment
7" Casing Leak	378.0	378.0		6/25/1999	
7" Casing leak	409.0	409.0		6/25/1999	

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division
811 S. 1st Street
Artesia, NM 88210-2834

dsi

FORM APPROVED
Budget Bureau No. 1004-0135
Expires March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other ____

2. Name of Operator
DEVON ENERGY CORPORATION (NEVADA)

3. Address and Telephone No.
20 NORTH BROADWAY, SUITE 1500, OKLAHOMA CITY, OKLAHOMA 73102 (405) 235-3611

4. Location of Well (Footage. Sec., T., R., M., or Survey Description)
1650'FNL & 990'FEL of Section 18-T17S-R31E

JUL 1999
RECEIVED
OCD - ARTESIA

5. Lease Designation and Serial No.
LC-054908

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
Hudson Federal #2

9. API Well No.
30-015-05209

10. Field and Pool, or Exploratory Area
Grayburg-Jackson Field

11. County or Parish, State
Eddy County, NM

CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
☐ Notice of Intent	☒ Abandonment	☐ Change of Plans
☒ Subsequent Report	☐ Recompletion	☐ New Construction
☐ Final Abandonment Notice	☐ Plugging Back	☐ Non-Routine Fracturing
	☐ Casing Repair	☐ Water Shut-Off
	☐ Altering Casing	☐ Conversion to Injection
	☐ Other ____	☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Well was permanently plugged and abandoned as follows:

05/07/99 - Set cement retainer @ 2400'.

06/24/99 - Pump 250 sxs cement below retainer.

06/25/99 - Perforate 7" casing @ 1350'(50' below base of salt). Discovered casing leaks in 7" casing @ 378' and 409'.

06/29/99 - Set cement retainer @ 1260', pump 75 sxs class "C" cement below retainer.
Pump 100 sxs class "C" cement and displace to 275'(tagged) inside of 7" casing.
Spot cement plug 0'- 50' in 7" casing.
Install dry hole marker and prepare to restore location.

Post ID 2
7-30-99

Approved as to plugging of the well bore. Liability under bond is retained until surface restoration is completed.

NOTE: 1. 9.5ppg mud spotted between cement plugs.

2. Due to casing leaks, in 7" casing, P&A procedure was modified from the original intent. Subsequent procedure was verbally approved by Joe Lara (BLM-Carlsbad, NM office).

14. I hereby certify that the foregoing is true and correct

Signed Charles H. Carleton Title Sr. Engineering Tech. Date June 30, 1999

(This space for Federal or State office use)

Approved by (ORIG. SGD.) DAVID R. GLASS Title PETROLEUM ENGINEER Date JUL 13 1999

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representation to any matter within its jurisdiction.

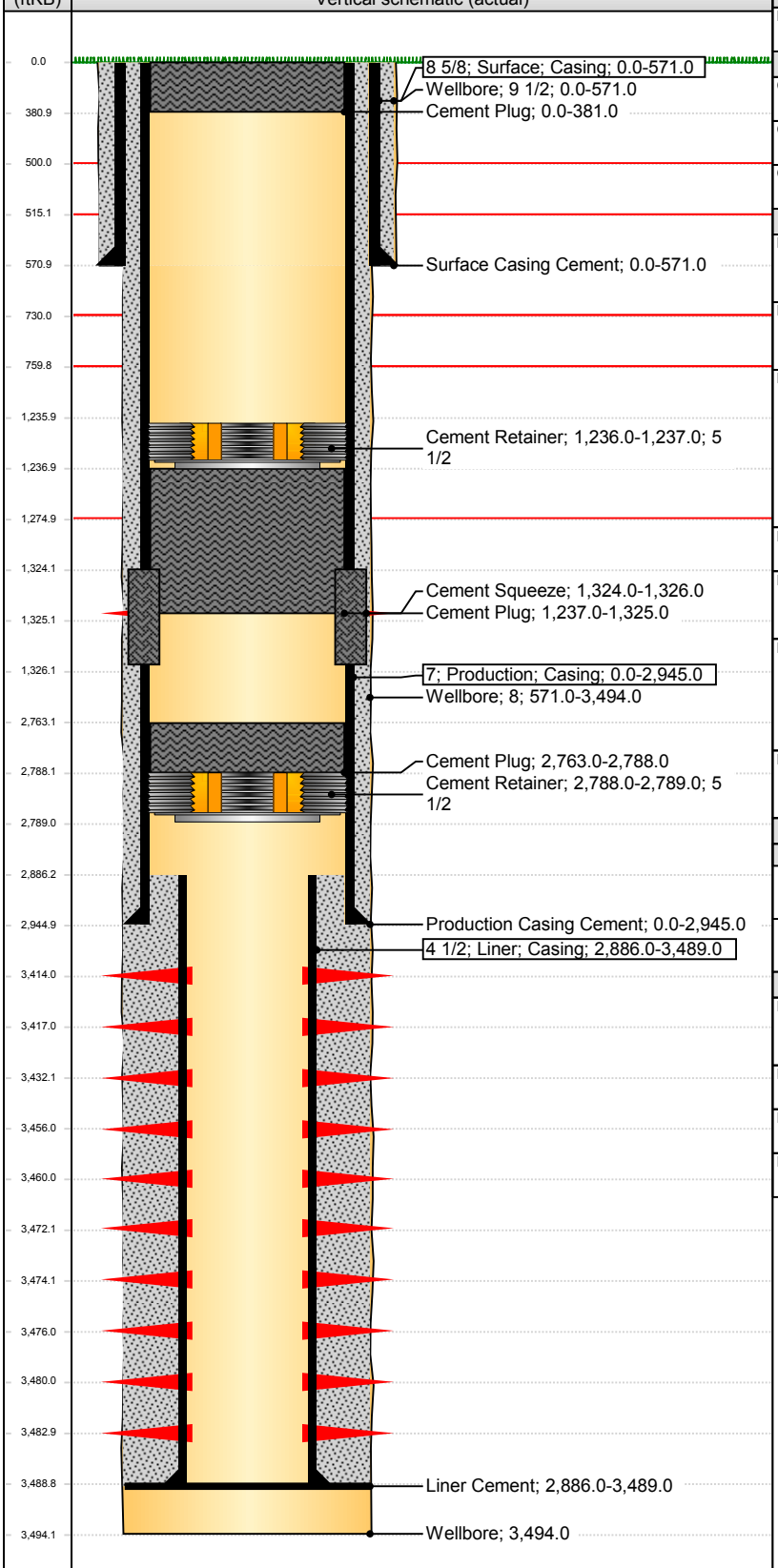
NM P&A Schematic

Well Name: TURNER A 6

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
300150521000	PB-GRAYBURG	Eddy	NM	18	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,749.67	3,749.67	0.00	4/27/1940		7/2/1940			Yes

Original Hole, 1/14/2015 1:16:45 PM



Original Hole Data

Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag
660.0	FSL	1,980.0	FWL

Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Surface	571.0	8 5/8	7.921	32.00	J-55	
Production	2,945.0	7	6.366	23.00	J-55	
Liner	3,489.0	4 1/2	3.92	13.04	J-55	11/25/1974

Cement Stages

Description	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
Surface Casing Cement	0.0	571.0		cemented w/ 50 sxs. TOC calc
Production Casing Cement	0.0	2,945.0		cemented w/ 100 sxs. TOC calc
Liner Cement	2,886.0	3,489.0		cemented w/ 75 sks below liner, circulated up. Cmtd liner with 100 sks, displaced to tool at 1800'. Drilled out retainer & cmt to 3489'.
Cement Plug	0.0	381.0		Pump 150 sks to surface
Cement Squeeze	1,324.0	1,326.0		squeezed w/ 125 sxs (for casing annulus).
Cement Plug	1,237.0	1,325.0		Set retainer at 1236' and squeeze perfs at 1325' with 125 sks. TOC at retainer
Cement Plug	2,763.0	2,788.0		retainer topped w/ 25 sks cmt. TOC calc

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Com
Cement Retainer	2,788.0	2,789.0	5/9/1996	
Cement Retainer	1,236.0	1,237.0	5/9/1996	

Formations

Formation	Final Top...	Final Btm...	Comment
Salt, Potash, Red Shale	500.0	515.0	
Salt	515.0	730.0	
Salt, Potash	730.0	760.0	
Salt	760.0	1,275.0	

Form 3160-5
(June 1990)

UNIT STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OIL CONSERVATION DIV
811 st ST.
ARTESIA, NM 88210-2834

C/SF

FORM APPROVED
Budget Bureau No. 1004-0135
Expires March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

RECEIVED
JUL - 8 1996
OIL CON. DIV.
DIST. 2

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
DEVON ENERGY OPERATING CORPORATION

3. Address and Telephone No
20 NORTH BROADWAY, SUITE 1500, OKLAHOMA CITY, OKLAHOMA 73102 (405)552-4527

4. Location of Well (Footage. Sec., T., R., M., or Survey Description)
660' FSL & 1980' FWL, Sec. 18-17S-31E

5. Lease Designation and Serial No.
LC-029395-A

6. If Indian, Allottee or Tribe Name
N/A

7. If Unit or CA, Agreement Designation
N/A

8. Well Name and No.
Turner "A" #6

9. API Well No.
30-015-05210

10. Field and Pool, or Exploratory Area
Grayburg Jackson Q, SR, GB, SA

11. County or Parish, State
Eddy County, NM

CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
☐ Notice of Intent	☒ Abandonment	☐ Change of Plans
☒ Subsequent Report	☐ Recompletion	☐ New Construction
☐ Final Abandonment Notice	☐ Plugging Back	☐ Non-Routine Fracturing
	☐ Casing Repair	☐ Water Shut-Off
	☐ Altering Casing	☐ Conversion to Injection
	☐ Other ____	☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

5/9/96 to 5/12/96 - the following work was done to P& A well:

RIH w/bit & cleaned out 2' bridge @ 2474'.
Drld out 9' bridge @ 2690'.
Pumped 25 sx Class "C" cmt on top of cmt retainer @ 2788'.
Perf'd 4 squeeze holes @ 1325'.
Set retainer at 1236' & squeezed perfs w/125 sx of Class "C" cmt.
Cmt'd squeeze holes @ 380' w/125 sx cmt.
Pumped 25 sx down bradenhead & top out 7" csg w/cmt.

Status: Plugged and abandoned.

Post ID-3
7-12-96
RAA

14. I hereby certify that the foregoing is true and correct

Signed Karen Byers Title KAREN BYERS ENGINEERING TECHNICIAN Date 6/5/96

(This space for Federal or State office use)

Approved by (ORIG. SGD.) JOE G. LARA Title PETROLEUM ENGINEER Date 7/3/96

Conditions of approval, if any:

Approved as to plugging of the well bore. Liability under bond is retained until surface restoration is completed.

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

***See Instruction on Reverse Side**

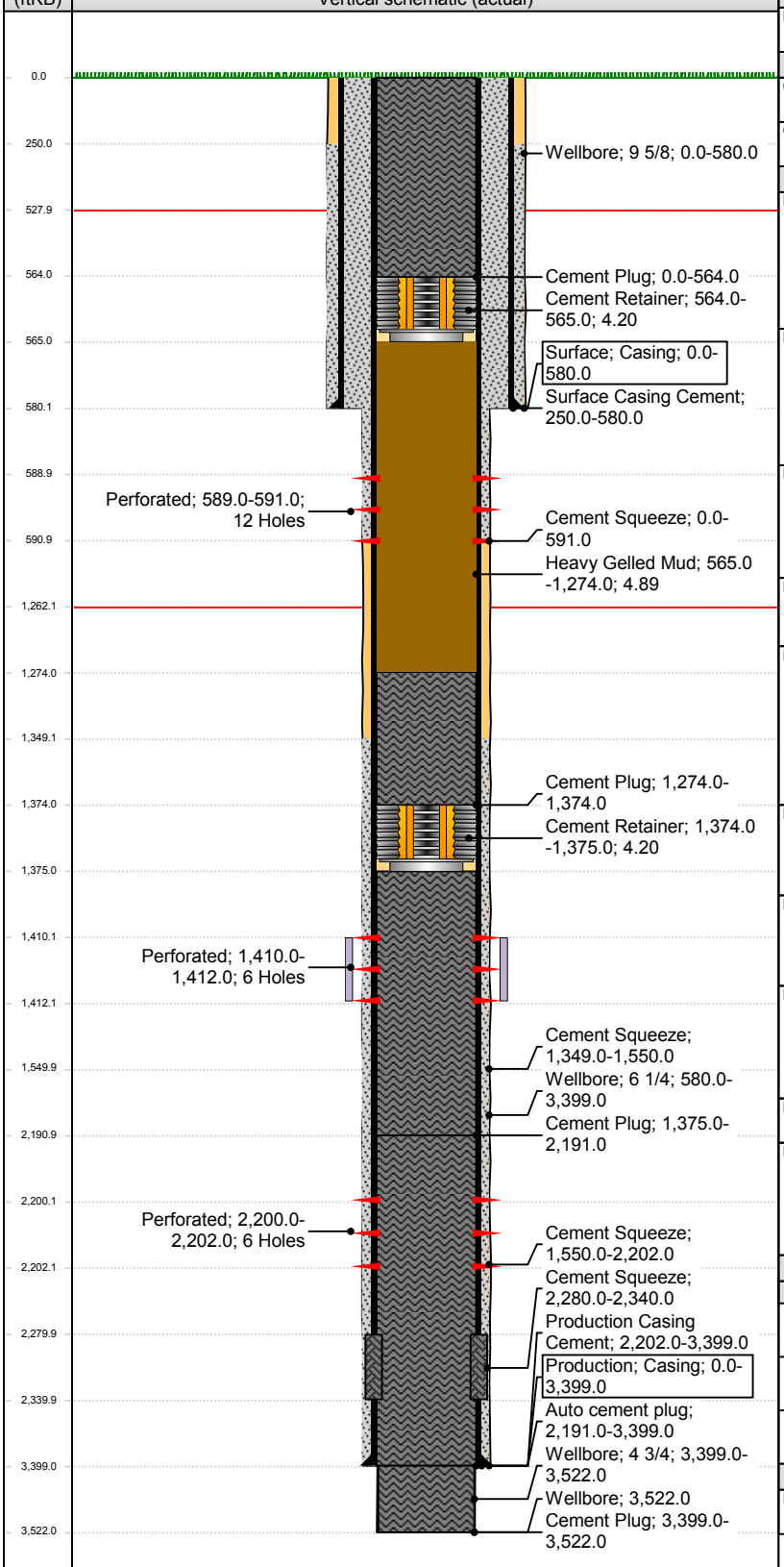
NM P&A Schematic

Well Name: TURNER A 4

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
300150521200	PB-GRAYBURG	Eddy	NM	18	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,760.00	3,760.00	0.00	3/7/1938		6/5/1938			Yes

Original Hole, 1/15/2015 1:32:18 PM



Original Hole Data

Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag
660.0	FSL	660.0	FWL

Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Surface	580.0	8 5/8	8.097	24.00	J-55	6/5/1938
Production	3,399.0	5 1/2	4.892	17.00	J-55	6/5/1938

Cement Stages

Description	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
Surface Casing Cement	250.0	580.0	Calculated	Cemented w/ 50 sxs. TOC @ 250' (calc). Assume 1.32 cu ft/sx and 50% fillup
Production Casing Cement	2,202.0	3,399.0	Calculated	Cemented w/ 100 sxs. TOC @ 2202'. Assume due to perf and squeeze at that depth
Cement Squeeze	2,280.0	2,340.0	Tag	Squeezed holes in casing w/775 sx class C + 18% salt + 100 sx class C w/1% later + 2% CaCl
Cement Plug	1,274.0	1,374.0	Tag	Spot 10 sx and 1' plug on top of retainer @ 1375'
Cement Squeeze	0.0	591.0	Returns to Surface	Squeezed 200 sxs class H + 2% CaCl2 + 6# salt + 6# sd/sx + .3% CFR-2 thru 589'-591' perfs. Circulated 70 sx class C w/2% CaCl2 to surface
Cement Plug	0.0	564.0	Returns to Surface	Filled 5 1/2" casing to surface w/ 5 sx class C cmt cont'g 2% CaCL2.
Cement Squeeze	1,550.0	2,202.0	Temperature Log	Squeezed cmt perfs 2200 -2202 w/1500 gals aqua fix + 500 sx thixment
Cement Squeeze	1,349.0	1,550.0	Temperature Log	Squeezed 4,710 sx cmt in 1410'-1412' perfs in attempt to fix leak. Successful
Cement Plug	3,399.0	3,522.0		PBTD 2191'
Cement Plug	1,375.0	2,191.0	Tag	200 sx class C w/18% salt + 100 sx class C w/2% CaCl2 under retainer

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Com
Heavy Gelled Mud	565.0	1,274.0	9/11/1980	
Cement Retainer	1,374.0	1,375.0	9/11/1980	
Cement Retainer	564.0	565.0	9/11/1980	

Formations

Formation	Final Top...	Final Btm...	Comment
Salt	528.0	1,262.0	

12-5-80
Sent copies to Rose M. for signing by Eng.

c/sf

Form 9-331
Dec. 1973

Form Approved.
Budget Bureau No. 42-R1424

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil well ☒ gas well ☐ other

2. NAME OF OPERATOR ARCO Oil & Gas Company
Division of Atlantic Richfield Company

3. ADDRESS OF OPERATOR
P. O. Box 1710, Hobbs, New Mexico 88240

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 660' FSL & 660' FWL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH: As Above

5. LEASE
LC-029395 (a)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Turner "A"

9. WELL NO.
4

10. FIELD OR WILDCAT NAME
Grayburg Jackson (QGSA)

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
18-17S-31E

12. COUNTY OR PARISH
Eddy

13. STATE
N M

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
3760' GL

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	☐	☒
FRACTURE TREAT	☐	☐
SHOOT OR ACIDIZE	☐	☒
REPAIR WELL	☐	☒
PULL OR ALTER CASING	☐	☐
MULTIPLE COMPLETE	☐	☐
CHANGE ZONES	☐	☐
ABANDON*	☐	☒
(other)		

RECEIVED
DEC 26 '90
O. C. D.
ARTESIA, OFFICE

NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

1. Rigged up on 9/11/80. POH w/ rods & pump. Install BOP. POH w/ tbg.
2. Set RBP @ 3110', located holes in csg 2280-2340'. Spot 4 sx sd on top of RBP.
3. Ran csg inspection log. RIH w/ cmt retr, set @ 2248'. Squeeze cmtd holes in csg w/ 775 sx Cl "C" cmt cont'g 18% salt, 100 sx Cl "C" cmt w/1% Latex & 2% CaCl. Spotted 30' cmt on top of retr.
4. Ran CBL. Perf'd 5½" csg @ 2200-02' w/2 JSPF, set pkr @ 2165'. SITP 750#. POH w/ pkr.
5. RIH w/ cmt retr, set retr @ 2165'. Squeeze cmt perfs 2200-02' w/ 1500 gals Aqua fix & 500 sx Thixment. FP 700#. Ran temp survey. TOC @ 1550'.
6. Perf'd 5½" csg 1410-1412' w/2 JSPF. RIH w/ pkr, pmpd into 5½" x 8-5/8" annulus, hole in 8-5/8" csg @ head. POH w/ pkr.
7. RIH w/ cmt retr, set retr @ 1390'. Cmt squeeze perfs 1410-12' w/ 50 BFW, 410 sx pace setter lite plus 18% salt, 100 sx Cl "C" cmt w/1% latex, 2% $CaCl_2$. POH w/

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED [signature] TITLE Dist. Drlg. Supt. DATE 10/29/80

RECEIVED
DEC 5 1980
U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE DEC 12/19/80
CONDITIONS OF APPROVAL, IF ANY:

Approved as to plugging of the well bore.
Liability under bond is retained until surface restoration is completed.

*See Instructions on Reverse Side

tbg. WOC. Water flow from 5½" x 8-5/8" annulus. Drld out cmt & cmt retr. Press tested squeeze job to 1500#, bled down to 200# in 10 mins. Acidized perfs w/400 gals 15% HCL.

8. RIH w/ pkr, set @ 1245'. Squeeze cmtd perfs 1410-12' w/ 75 sx Cl "C" cmt plus 1% LWL, 75 sx Cl "C" cmt w/ 2% $CaCl_2$. Water flow increased to 3 BPH. All cmt washed to pit.
9. RIH w/ cmt retr, set @ 1372'. Cmtd thru retr w/ 75 bbl FW w/6% $CaCl_2$, 1 BFW, 500 gals Aqua fix, 1 BFW, 200 sx Cl "C" w/3% $CaCl_2$, 1 BFW, 500 gals Aqua fix, 1 BFW, 200 sx Cl "C" w/3% $CaCl_2$, 1 BFW, 500 gals Aqua fix, 1 BFW, 200 sx Cl "C" w/3% $CaCl_2$. No change in 5½" x 8-5/8" water flow.
10. Resqueezed perfs 1410-12' w/ 72 BFW w/6% $CaCl_2$, 1 BFW, 1000 gals Aqua fix, 1 BFW, 350 sx Thirotropic cmt, 12 BFW. Water flow cont'd after squeeze job. Squeeze cmtd perfs 1410-12' w/ 1300 sx Cl "C" cont'g 18% salt, 5% KCL, had water flow back, cmtd w/ 100 sx 1.1% Calseal, Cl "C" cmt, 500 sx Cl "C" w/ 18% salt, 3% KCL, 200 sx Cl "C" w/.6% Halad-4, 0.3% CFR2, 10# salt, 5# KCL, 10% Cal-Seal, no cmt to surf w/tbg displaced. Water back flwd thru tbg & 8-5/8" annulus. Squeezed perfs 1410-12' w/1000 sx Cl "H" cont'g 6# salt, 0.3% CFR-2, 2% $CaCl_2$, dumped 30' cmt on top of retr. 5½" x 8-5/8" annulus flow stopped, trace of air bubbles after SION. Ran temp survey. TOC @ 1349'. Drld out cmt & cmt retr. Small water flow thru 5½" x 8-5/8" annulus after drlg out cmt & retr. Press tested squeeze job to 1500#, dropped to 1300# in 15 mins, remain @ 1300# for 15 mins, OK.
11. Perf'd 5½" csg @ 589-591' w/ 4 JS. Set cmt retr @ 549'. Cmtd squeeze holes 589-591' w/200 sx Cl "H" cmt w/2% $CaCl_2$, 6# salt, 6# sd/sk, .3% CFR-2, circ cmt to surf. Dumped 10' cmt on retr. WOC. Drld out cmt & cmt retr @ 549'. Set pkr @ 519'. Press tested squeeze job to 1300#, dropped to 200# in 5 mins. Left shut-in 48 hrs.
12. Set pkr @ 576', press tested perfs 589-591' w/ 1000# for 30 mins, OK. Press 2-3/8" x 5½" annulus w/ 300#, bled off in 15 mins w/ no back flow. Drld out cmt & retr parts 2156-2163', cmt to 2189'. Had water bubbles in cellar & outside cellar.
13. RIH w/ RBP & pkr, set BP @ 2090'. Press tested squeeze holes @ 1410-1412' & 589-591', pmpd in each set perfs @ 1/16 BPM @ 1000#, SI 900#, communicated from 500' up inside & outside of cellar. Had water flow ARO 188 BPD over night. Found top 4' of 5½" csg leaking. Rec RBP @ 2090'. Ran bit & csg scraper, hit tight spot @ 2114'. POH w/ bit & scraper. RIH w/ csg swedge, swedged out csg @ 2087', tight spot @ 2156', swedged to 2166'. Had wtr flow ARO 2250 BPD, found top of cmt inside 5½" csg @ 2190'. RIH w/ basket & cut-rite shoe to 2190', cut 1' cmt. Rec RBP parts, 1' cmt core. RIH w/ pkr, set pkr @ 1682', had water flow below pkr, isolated wtr flow 2112-2187'. On 10/18/80 set pkr @ 122' & SI.
14. POH w/ pkr. RIH w/ cmt retr. Set retr @ 1375'. Squeeze cmtd 1375-2191' w/ 200 sx Cl "C" w/18% salt, 100 sx Cl "C" w/ 2% $CaCl_2$, spot 1' cmt on top of retr. Spot 10 sx Cl "C" cmt w/2% $CaCl_2$ plug 1374-1274' (100'). Spot 714' heavy gelled mud. Set cmt retr @ 564', press perfs 589-591' to 900# for 30 mins, OK. Circ cmt to surface w/70 sx Cl "C" cmt w/2% $CaCl_2$. Filled 5½" csg to surface w/ 5 sx Cl "C" w/2% $CaCl_2$ cmt, cut off well-head, install regulation dry hole marker, fill cellar w/5 sx Cl "C" cmt cont'g 2% $CaCl_2$. Clean & level location per BLM stipulations. P & A eff: 10/21/80.
(P & A operations witnessed by Mr. Sonny White of U.S.G.S.)

RECEIVED
DEC 5 1980
U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

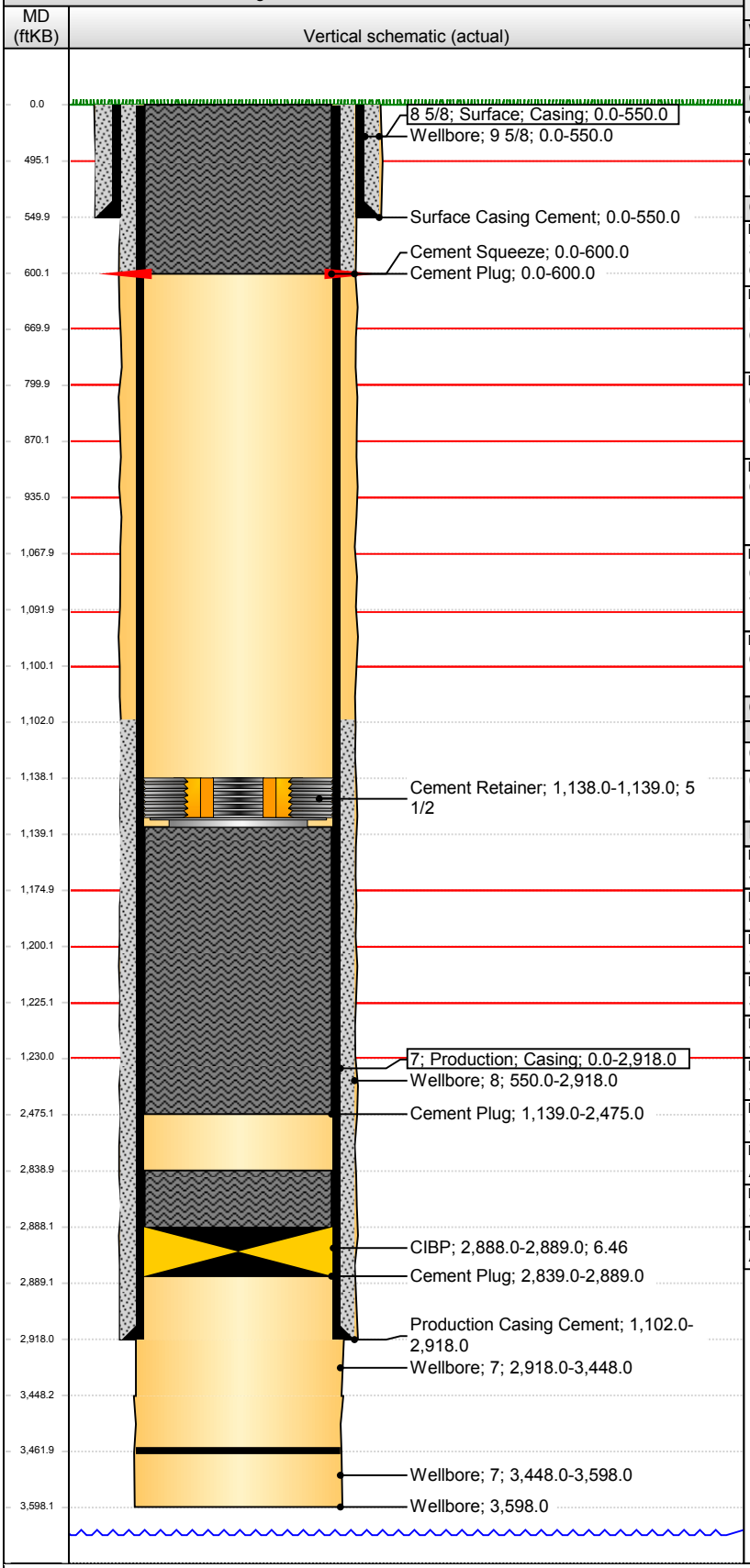
NM P&A Schematic

Well Name: TURNER A 8

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
300150521300	PB-GRAYBURG	Eddy	NM	18	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,691.00	3,691.00	0.00	7/23/1940		11/14/1966			Yes

Original Hole, 1/14/2015 1:57:21 PM



Original Hole Data

Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag
660.0	FSL	1,980.0	FEL

Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Surface	550.0	8 5/8	8.017	28.00	H-40	
Production	2,918.0	7	6.456	20.00	J-55	

Cement Stages

Description	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
Surface Casing Cement	0.0	550.0		50 sxs cement. TOC calc
Production Casing Cement	1,102.0	2,918.0		100 sxs cement Ran CBL TOC @ 1102'
Cement Plug	2,839.0	2,889.0		Spot 50' of cmt on top CIBP set at 2889' (per OCD P&A Rpt)
Cement Plug	1,139.0	2,475.0		Set retainer at 1138 and pump 250 sks cmt. Cmt column length calculated.
Cement Squeeze	0.0	600.0		150 sx cmt. Filled annulus to surface with cmt
Cement Plug	0.0	600.0		150 sxs cmt from sqz job. Filled 7" casing to surface

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Com
CIBP	2,888.0	2,889.0	5/9/1994	
Cement Retainer	1,138.0	1,139.0	5/9/1994	

Formations

Formation	Final Top...	Final Btm...	Comment
Salt	495.0	670.0	
Salt & Potash	670.0	800.0	
Salt	800.0	870.0	
Salt & Shells	870.0	935.0	
Salt	935.0	1,068.0	
Salt Potash	1,092.0	1,100.0	
Salt	1,100.0	1,175.0	
Anhydrite & Salt	1,175.0	1,200.0	
Salt	1,200.0	1,225.0	
Anhydrite & Salt	1,225.0	1,230.0	

NM OIL CONS COMMISSION
Drawer DD
Artesia, NM 88210

clsf

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

RECEIVED
JUN - 6 '94
O. C. D.
ARTESIA, OFFICE

5. Lease Designation and Serial No.
LC 028395A

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
NA

SUBMIT IN TRIPLICATE

1. Type of Well
[X] Oil Well [ ] Gas Well [ ] Other

2. Name of Operator
Socorro Petroleum (Devon Energy Corporation = contrat operator)

3. Address and Telephone No.
ATTN: Randy Jackson 405-552-4560
20 North Broadway Ste 1500 Oklahoma City, OK 73102

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
660' FSL & 1980' FEL
Section O-18-T17S-R31E

8. Well Name and No.
Turner "A" #8

9. API Well No.
30-015-05213

10. Field and Pool, or Exploratory Area
Grayburg Jackson

11. County or Parish, State
Eddy County, NM

12. **CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION	
[ ] Notice of Intent	[X] Abandonment	[ ] Change of Plans
[X] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[ ] Other _____	[ ] Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

This well was determined to be flowing water from 1171'. We plugged and abandoned the location as follows:

1. We tagged the CIBP at 2889' and spotted 50' of cement on top.
2. We set a retainer at 1138' and pumped 250 sx of cement. (Water flow stopped)
3. We ran a CBL and found the TOC at 1102'. We shot 8 squeeze holes at 600' and pumped 150 sx of cement.
4. We filled the 7" casing and the 7" x 8 5/8" annulus to surface with cement.
5. A dry hole marker was installed.

The P & A operations were completed on 5/9/94.

Post ED-2
7-15-94
P&A

Approved as to plugging of the well bore
Liability under bond is retained until
surface restoration is completed.

14. I hereby certify that the foregoing is true and correct

Signed Debby O'Donnell Title Debby O'Donnell
Engineering Technician Date 5/10/94

(This space for Federal or State office use)

Approved by (ORIG. SGD.) JOE G. LARA Title Petroleum Engineer Date 6/2/94
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

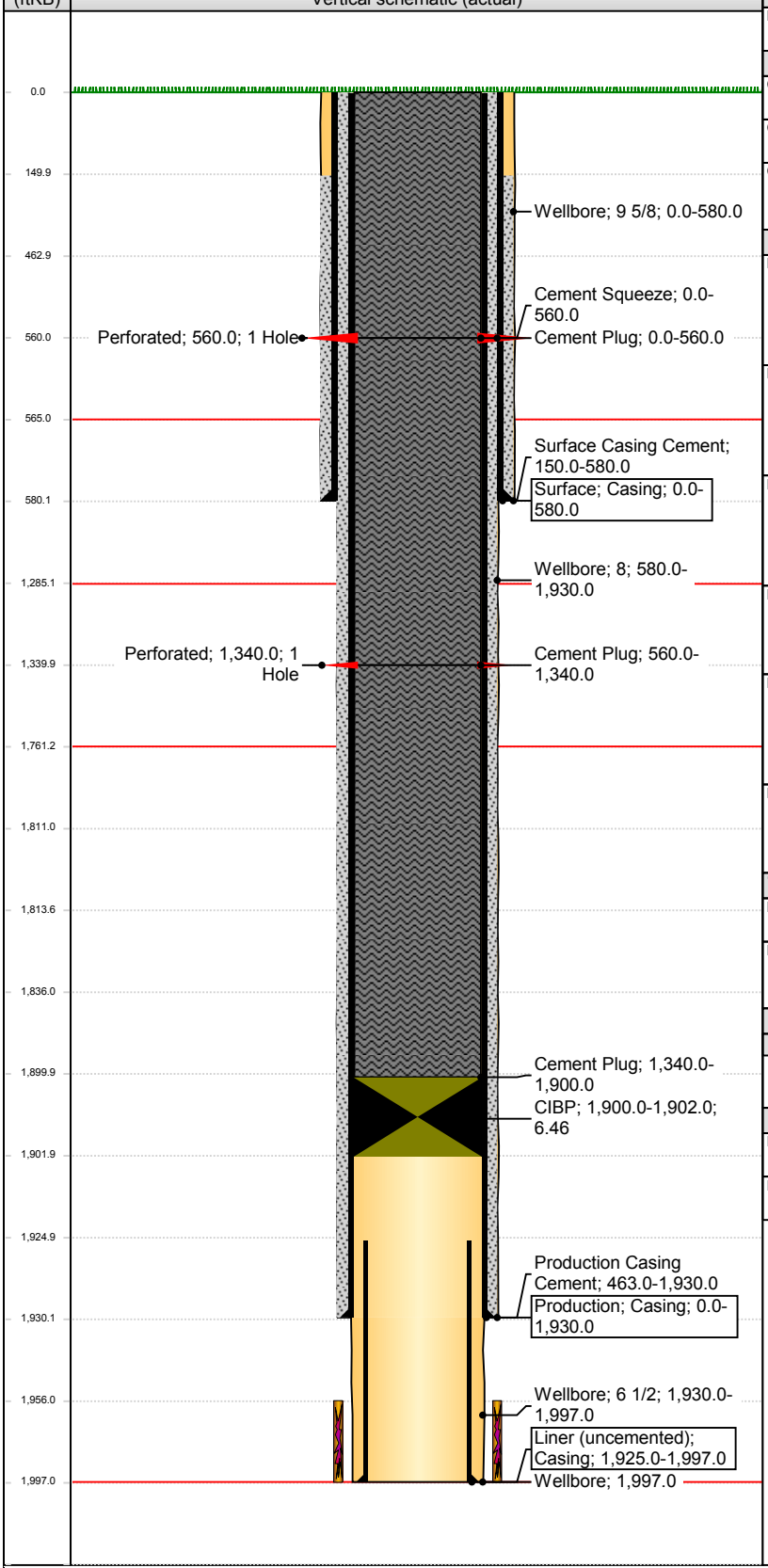
NM Regulatory Schematic

Well Name: TURNER A 27

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
300150522300	PB-GRAYBURG	Eddy	NM	18	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,750.38	3,750.38	0.00	3/18/1953	4/13/1953	4/10/1953			Yes

Original Hole, 1/12/2015 2:13:29 PM



Original Hole Data

Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag
330.0	FSL	1,398.0	FWL

Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Surface	580.0	8 5/8	8.017	28.00	H-40	3/21/1953
Production	1,930.0	7	6.456	20.00	H-40	4/3/1953
Liner (uncemented)	1,997.0	5 1/2	5.012	14.00	J-55	4/9/1953

Cement Stages

Prop Drill Out?	Des	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
No	Surface Casing Cement	150.0	580.0	Calculated	Cemented w/ 50 sx. TOC @ 150' (calc). Assumes 1.32 cu ft/sx and 50% fillup.
No	Production Casing Cement	463.0	1,930.0	Calculated	Cemented w/ 100 sx. TOC @ 463' (calc). Assumes 1.32 cu ft/sx and 50% fillup.
Yes	Cement Plug	0.0	560.0	Tag	209 sxs "H" inside and outside 7" casing. PROPOSED: DRILL OUT
No	Cement Squeeze	0.0	560.0	Tag	Perf @ 560' sqz w/ 290 sxs class H cmt
Yes	Cement Plug	560.0	1,340.0	Tag	174 sxs "H" spotted @ 1340. PROPOSED: DRILL OUT
Yes	Cement Plug	1,340.0	1,900.0	Tag	Capped CIBP w/ 115 sxs "H". PROPOSED: DRILL OUT

Tubing Components

Prop Run?	Item Description	OD (in)	ID (in)	Wt (lb/ft)	Length (ft)
Yes	IPC Tubing	2 3/8	2.041	4.00	1,811.00
Yes	Arrowset-1X (NP) Pkr w/ On/off Tool	7			2.75

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Com
CIBP	1,900.0	1,902.0	7/1/1986	PROPOSED: DRILL OUT

Formations

Formation	Final Top...	Final Btm...	Comment
Salt	565.0	1,285.0	
Seven Rivers	1,761.0	1,997.0	PROPOSED: INJECTION INTERVAL

Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.: LC 029395 (a)
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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—" for such proposals.)

RECEIVED BY
DEC 12 1986
O. C. D.
ARTESIA, OFFICE

7. UNIT AGREEMENT NAME:
8. FARM OR LEASE NAME: Turner "A"
9. WELL NO.: 27
10. FIELD AND POOL, OR WILDCAT: Fren Seven Rivers
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: 18-17S-31E
12. COUNTY OR PARISH: Eddy
13. STATE: NM

1. OIL WELL [X] GAS WELL [ ] OTHER
2. NAME OF OPERATOR: ARCO Oil and Gas Company
3. ADDRESS OF OPERATOR: P. O. Box 1610, Midland, Texas 79702
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 330 FSL & 1398 FWL (Unit N)

14. PERMIT NO.: API 30-015-05223
15. ELEVATIONS (Show whether DF, RT, GR, etc.): 3743 GR

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[X]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			
(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

RU PU 7-1-86. P&A as follows:

Plug	Interval	Cmt	Remarks
1	1340-1900	115 sx "H"	CIBP w/560' cmt. (OH plug)
2	550-1350	174sx "H"	Perf @ 1340. Could not pump into. Spot 174sx. (Salt)
3	0-560	209 sx "H"	Perf @ 560. Cmt inside & outside 7" csg.

Cut off wellhead. Install dryhole marker. Level & seed location.
P&A'd 7-2-86.

18. I hereby certify that the foregoing is true and correct
SIGNED Ken W Gosnell TITLE Engr. Tech. Spec. 915-688-5672 DATE 12-3-86

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE 12-9-86

CONDITIONS OF APPROVAL, IF ANY:
Approved as to plugging of the well bore.
Liability under bond is retained until surface restoration is completed.

Post ID-2
12-19-86
P&A

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

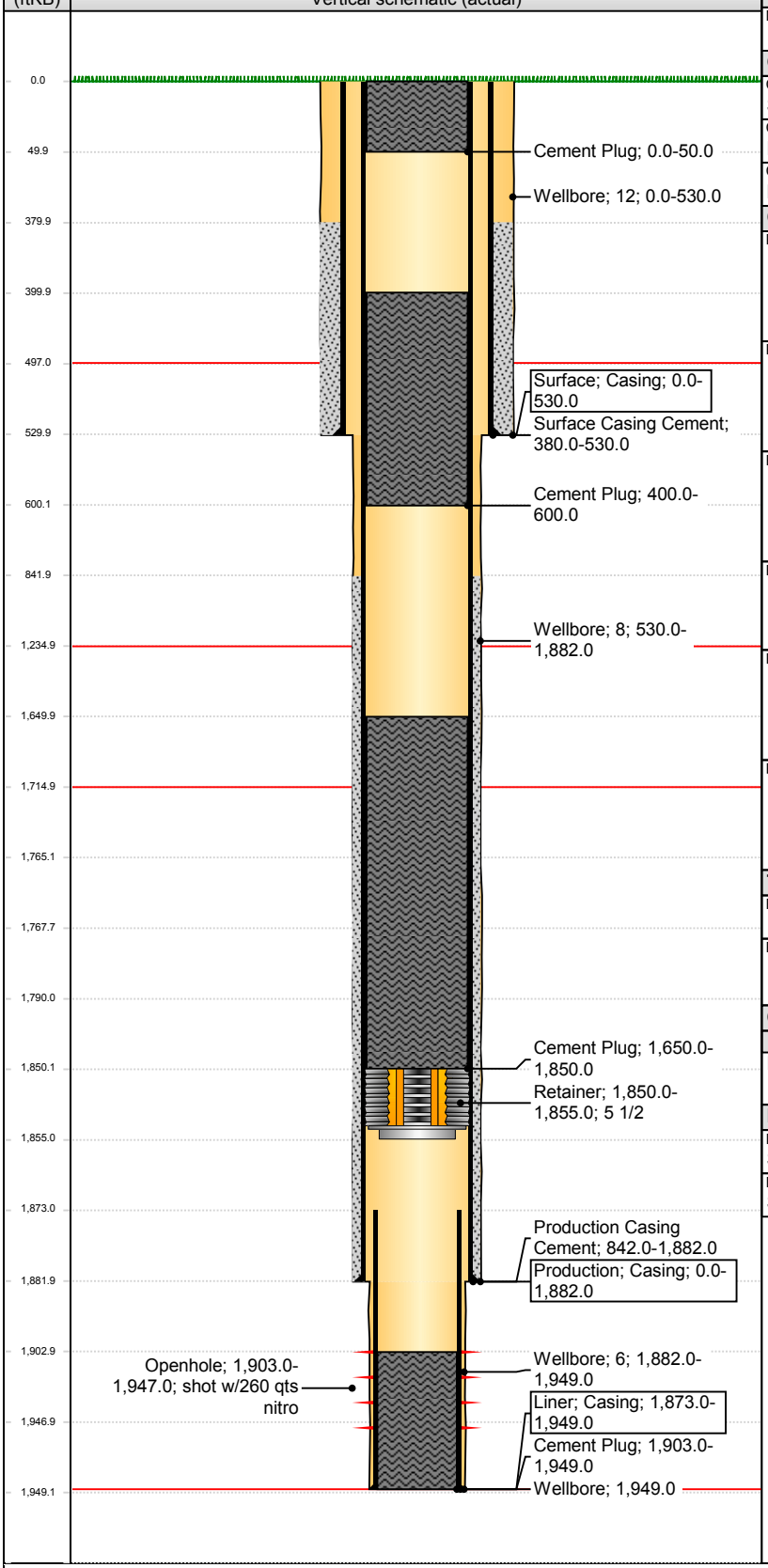
NM Regulatory Schematic

Well Name: TURNER A 28

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
300150522500	PBNM - PB-GRAYBURG	Eddy	NM	18	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,689.00	3,689.00	0.00	4/16/1953	5/10/1953	5/10/1953			Yes

Original Hole, 1/12/2015 1:32:17 PM



Original Hole Data

Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag
330.0	FSL	2,310.0	FEL

Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Surface	530.0	9 5/8	9	32.30	H-40	4/16/1953
Production	1,882.0	7	6.456	20.00	H-40	5/10/1953
Liner	1,949.0	5 1/2	5.012	14.00	H-40	5/10/1953

Cement Stages

Prop Drill Out?	Des	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
No	Surface Casing Cement	380.0	530.0	Calculated	Cemented w/ 50 sx. TOC @ 380' (calc). Assumes 1.32 cu ft/sx and 50% fillup.
No	Production Casing Cement	842.0	1,882.0	Calculated	Cemented w/ 100 sx. TOC @ 842' (calc). Assumes 1.32 cu ft/sx and 50% fillup.
Yes	Cement Plug	0.0	50.0	Tag	Spotted 10 sx plug from 50' to surface. PROPOSED: DRILL OUT
Yes	Cement Plug	400.0	600.0	Tag	Spotted 200' plug @ 600'. PROPOSED: DRILL OUT
Yes	Cement Plug	1,650.0	1,850.0	Tag	Spotted 200' plug on top of retainer. PROPOSED: DRILL OUT
Yes	Cement Plug	1,903.0	1,949.0	Tag	Squeezed perfs 1903-1947' w/160 sx class H neat. PROPOSED: DRILL OUT

Tubing Components

Prop Run?	Item Description	OD (in)	ID (in)	Wt (lb/ft)	Length (ft)
Yes	IPC Tubing	2 3/8	1.995	4.60	1,765.00
Yes	Arrowset-1X (NP) Pkr w/ On/off Tool	7			2.75

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Com
Retainer	1,850.0	1,855.0	3/1/1985	PROPOSED: DRILL OUT

Formations

Formation	Final Top...	Final Btm...	Comment
Salt	497.0	1,235.0	
Seven Rivers	1,715.0	1,949.0	PROPOSED: INJECTION INTERVAL

Form 9-331
Dec. 1973

Form Approved.
Budget Bureau No. 42-R1424

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED BY
MAR 12 1985
ARTESIA, OFFICE

RECEIVED
MAR - 6 1985
O. C. D.
ARTESIA, OFFICE

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 Form 9-331-C for such proposals.)

1. OIL well ☒ GAS well ☐ other

2. NAME OF OPERATOR: ARCO Oil and Gas Company
Division of Atlantic Richfield Company

3. ADDRESS OF OPERATOR
P. O. Box 1710, Hobbs, New Mexico 88240

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 330' FSL & 2310' FEL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

5. LEASE
LC-029395 (a)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Turner "A"

9. WELL NO.
28

10. FIELD OR WILDCAT NAME
Fren Seven Rivers

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
18-17S-31E

12. COUNTY OR PARISH: Eddy
13. STATE: New Mexico

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
3691'

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	☐		☐
FRACTURE TREAT	☐		☐
SHOOT OR ACIDIZE	☐		☐
REPAIR WELL	☐		☐
PULL OR ALTER CASING	☐		☐
MULTIPLE COMPLETE	☐		☐
CHANGE ZONES	☐		☐
ABANDON*	☐		☒
(other)			

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

RU 3/1/85. Ran 2-7/8" OD tbg & pkr, set pkr @ 1873' & established injection rate of 3 BPM @ 2000#. Found hole below wellhead. Repaired holes. Press tested csg to 500# OK. POH w/tbg & pkr. Set cmt retr @ 1850'. Cmt squeezed perfs 1903-1947' w/160 sx Cl H Neat. Spot 200' cmt plug on top of retr. Spotted 200' cmt plug 600-400'. Spotted 10 sx cmt plug @ surface. Cut off wellhead below GL. Installed regulation dry hole marker. P&A effective 3/2/85. Cleaned & levelled location. Final Report.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Robert E. Goldsberry TITLE Drlg. Engr. DATE 3/5/85

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

Test ID-2
3-22-85
JWH

*See Instructions on Reverse Side

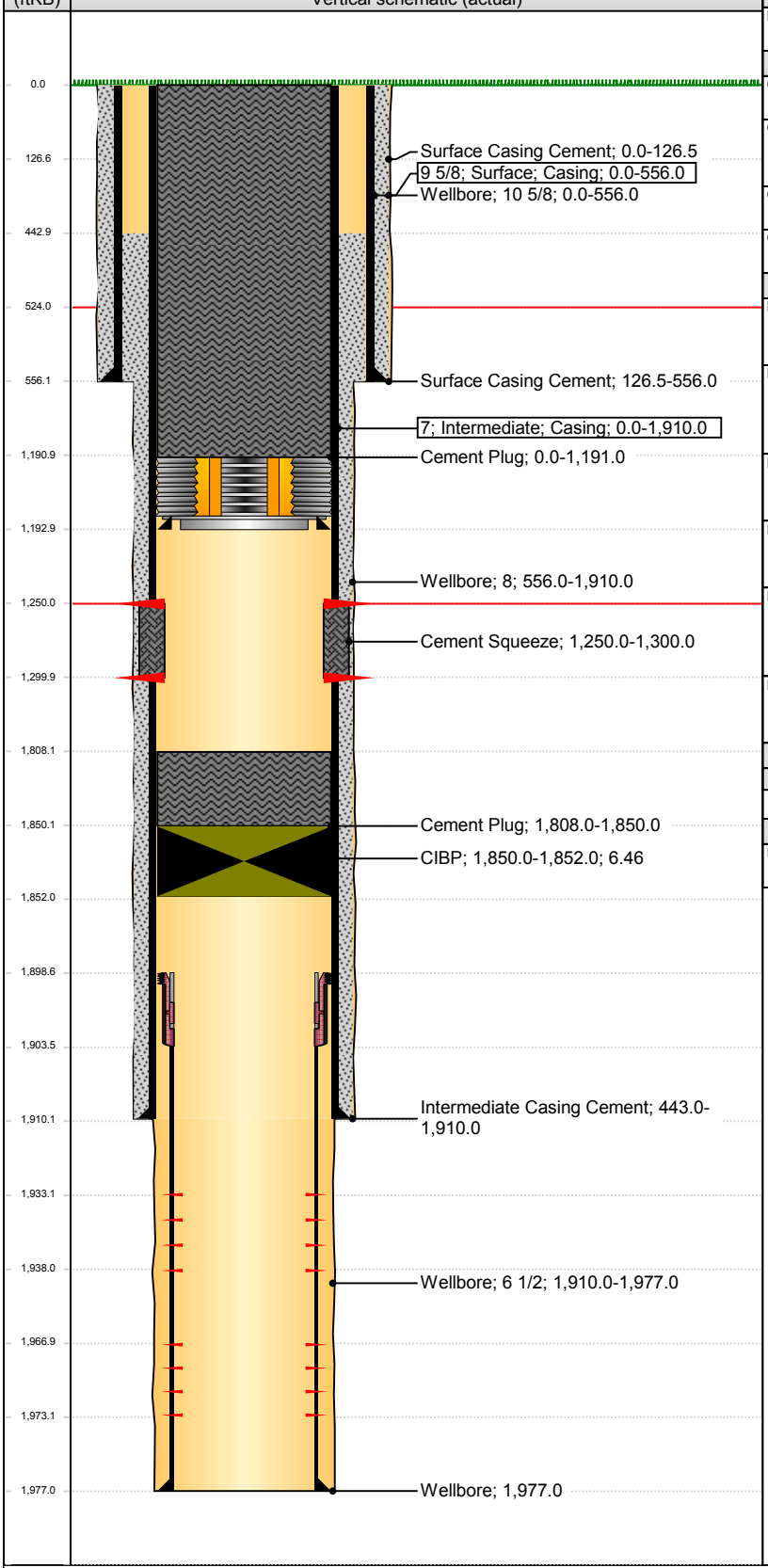
NM P&A Schematic

Well Name: TURNER A 29

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
300150522600	PB-GRAYBURG	Eddy	NM	18	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,694.00	3,694.00	0.00	5/4/1953	6/4/1953	6/3/1953			Yes

Original Hole, 1/14/2015 4:08:23 PM



Original Hole Data

Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag
705.0	FSL	660.0	FEL

Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Surface	556.0	9 5/8	9	32.30	H-40	
Cement Retainer	1,193.0	5 1/2				8/24/1994
Intermediate	1,910.0	7	6.456	20.00	H-40	
Liner	1,977.0	5 1/2		14.00		

Cement Stages

Description	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
Surface Casing Cement	126.5	556.0		Cemented w/ 50 sxs. TOC calculated
Surface Casing Cement	0.0	126.5		50 sxs squeezed around surface casing to fill to surface.
Intermediate Casing Cement	443.0	1,910.0		Cemented w/ 100 sxs. TOC calculated.
Cement Squeeze	1,250.0	1,300.0		Cmt 100 sks through perfs at 1300' and 1250'.
Cement Plug	1,808.0	1,850.0		Dumped 8 sxs of cement on top of CIBP. TOC calculated.
Cement Plug	0.0	1,191.0		Pumped 108 sxs down csg to surface.

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Com
CIBP	1,850.0	1,852.0	8/24/1994	Used for P&A

Formations

Formation	Final Top...	Final Btm...	Comment
Salt	524.0	1,250.0	

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N OIL CONS COMMISSION
Drawer DD
Artesia, NM 88210

FORM APPROVED
Budget Bureau No. 1004-0135
Expires March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
SOCORRO PETROLEUM COMPANY

3. Address and Telephone No.
20 NORTH BROADWAY, SUITE 1500, OKLAHOMA CITY, OKLAHOMA 73102 (405)552-4527

4. Location of Well (Footage. Sec., T., R., M., or Survey Description)
705' FSL & 660' FEL, Sec. 18-17S-31E

5. Lease Designation and Serial No.
LC-029395-A

6. If Indian, Allottee or Tribe Name
N/A

7. If Unit or CA, Agreement Designation
N/A

8. Well Name and No.
Turner "A" #29

9. API Well No.
30-015-05226

10. Field and Pool, or Exploratory Area
Fren Seven Rivers

11. County or Parish, State
Eddy County, NM

CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
☐ Notice of Intent	☒ Abandonment
☒ Subsequent Report	☐ Recompletion
☐ Final Abandonment Notice	☐ Plugging Back
	☐ Casing Repair
	☐ Altering Casing
	☐ Other
	☐ Change of Plans
	☐ New Construction
	☐ Non-Routine Fracturing
	☐ Water Shut-Off
	☐ Conversion to Injection
	☐ Dispose Water

RECEIVED
SEP 11 1995
OIL CON. DIV.
DIST. 2

Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

Pat ED-2
9-22-95
Pr-17

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

On 8/24/94 - Set CIBP @ 1850' & dumped 8 sxs cement on to of CIBP. Shot 8 squeeze holes @ 1300'& 8 squeeze holes @ 1250'. Could not pump into perfs. Acidized 1250' to 1300' w/650 gals of 15% HCl acid. Set retainer @ 1191', stung out of retainer and pumped 4 bbls of cmt down tbg. Stung into retainer and squeezed perfs @ 1250' & 1300' w/100 sxs cmt.

On 8/25/94 - Pumped 100 sxs Class "C" cement down csg. Closed brandenhead valve & squeezed 50 sxs around surfacd csg. Pumped 8 sxs to fill 7" csg. Total of 180 sxs Class "C" cement used today.

Well P&A'd on 8/25/94.

Approved as to plugging of the well bore. Liability under bond is retained until surface restoration is completed.

AUG 10 11 29 AM '95

14. I hereby certify that the foregoing is true and correct

Signed Karen Rosa Byers Title KAREN ROSA BYERS ENGINEERING TECHNICIAN Date 8/16/95

(This space for Federal or State office use)

Approved by Orig. Signed by Shannon J. Shaw Title PETROLEUM ENGINEER Date 9/7/95

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

***See Instruction on Reverse Side**

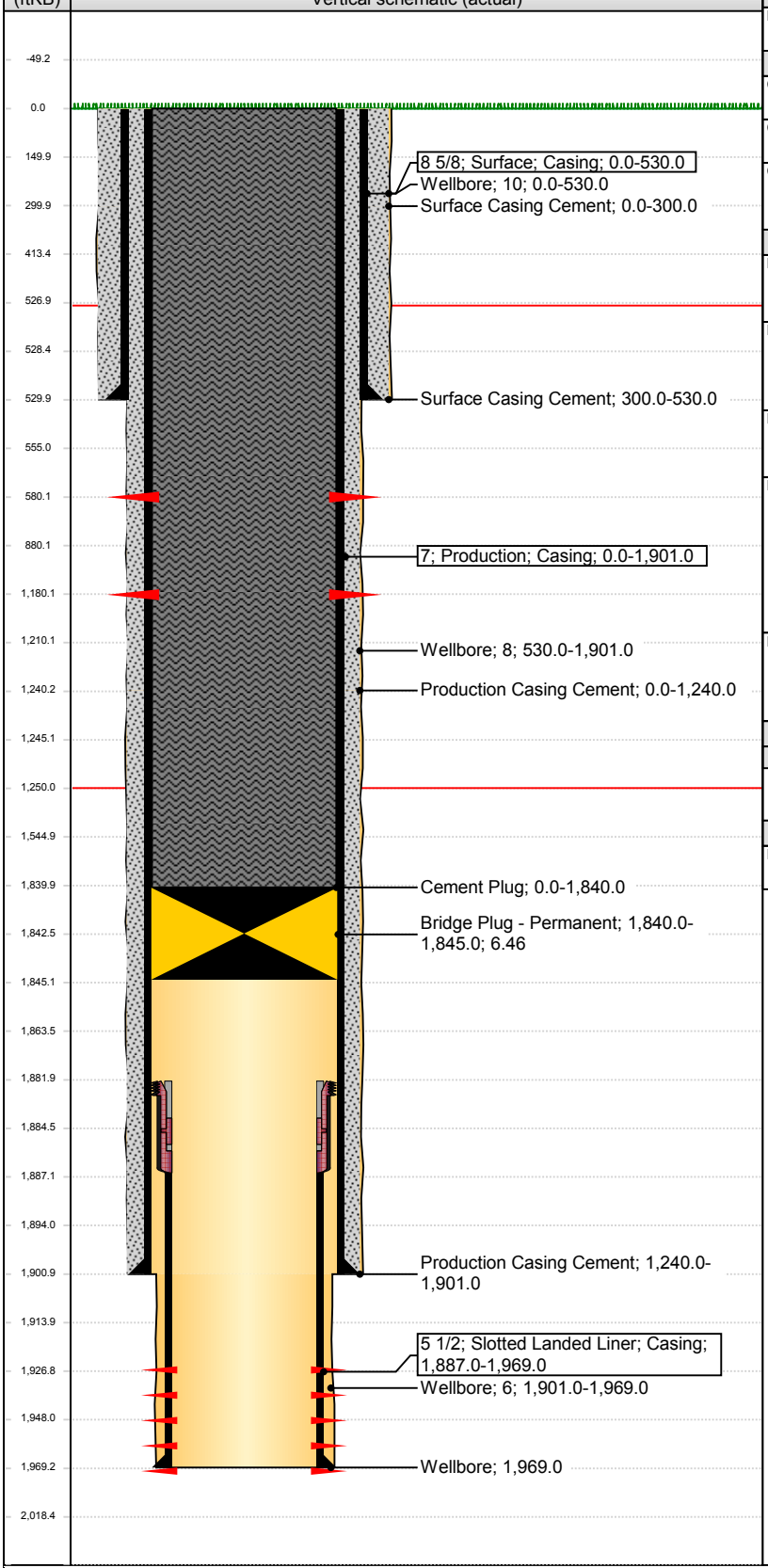
NM P&A Schematic

Well Name: TURNER A 30

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
300150522800	PBNM - PB-GRAYBURG	Eddy	NM	18	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,688.00	3,688.00	0.00	3/23/1953	4/26/1953	4/26/1953			Yes

Original Hole, 1/14/2015 4:50:02 PM



Original Hole Data

Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag

Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Surface	530.0	8 5/8	8.017	28.00	H-40	3/23/1953
Production	1,901.0	7	6.456	20.00	H-40	4/26/1953
Slotted Landed Liner	1,969.0	5 1/2	5.012	14.00	H-40	4/26/1953

Cement Stages

Description	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
Surface Casing Cement	300.0	530.0		50 sx cement. TOC @ 300' (calc)
Surface Casing Cement	0.0	300.0		Cmt surface casing to surface as part of P&A work
Production Casing Cement	1,240.0	1,901.0		Cmt w 100 sks cmt. Tagged TOC @ 1240'
Production Casing Cement	0.0	1,240.0		Squeezed 210 sks cmt through perfs at 1180'. Squeezed 210 sks cmt through perfs at 580'. Cmt to surf on 8 5/8" and 7" casing.
Cement Plug	0.0	1,840.0		Cemented to surface w/410 sx cmt total through perfs and hole

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Com
Bridge Plug - Permanent	1,840.0	1,845.0	11/21/1997	

Formations

Formation	Final Top...	Final Btm...	Comment
Salt	527.0	1,250.0	

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M Oil Cons. Division
811 S. 1st Street
Artesia, NM 88210-2834

FORM APPROVED
Budget Bureau No. 1004-0135
Expires March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

RECEIVED
DEC ARTESIA

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
DEVON ENERGY CORPORATION (NEVADA)

3. Address and Telephone No.
20 NORTH BROADWAY, SUITE 1500, OKLAHOMA CITY, OKLAHOMA 73102 (405) 235-3611

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1880'FSL & 660'FEL of Section 18-T17S-R31E

5. Lease Designation and Serial No.
LC-029395A

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
NA

8. Well Name and No.
Turner "A" #30

9. API Well No.
30-015-05228

10. Field and Pool, or Exploratory Area
Grayburg-Jackson Field

11. County or Parish, State
Eddy County, NM

CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
☐ Notice of Intent	☒ Abandonment	☐ Change of Plans
☒ Subsequent Report	☐ Recompletion	☐ New Construction
☐ Final Abandonment Notice	☐ Plugging Back	☐ Non-Routine Fracturing
	☐ Casing Repair	☐ Water Shut-Off
	☐ Altering Casing	☐ Conversion to Injection
	☐ Other ____	☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Post ID-2
2-20-98
P&A

This well was plugged and abandoned as follows:

11/19/97 to 11/20/97 – Cut off stuck tubing @ 1891'. Pulled out of hole with free tubing.

11/21/97 to 11/22/97 – Set CIBP @ 1840'. Ran CBL and found TOC behind 7" csg @ 1240'. Shot 4 squeeze perfs @ 1180'. Spotted 10 sx cement. Set cement retainer @ 1130' & pumped 200 sxs "C". Shot 4 squeeze holes @ 580' and squeezed with 200 sx "C".

11/24/97 to 11/25/97 – Cemented to surface on 8 5/8" & 7" casing. Cut off 8 5/8" well head. Installed dry hole marker. Cleaned location.

14. I hereby certify that the foregoing is true and correct

Signed Karen Byers Title Engineering Technician Date December 2, 1997
Karen Byers

(This space for Federal or State office use)

Approved by [illegible] DAVID R. GLASS Title _____ Date DEC 11 1997

Conditions of approval, if any:

Approved as to plugging of the well bore.
Liability under bond is retained until
surface restoration is completed.

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as any matter within its jurisdiction.

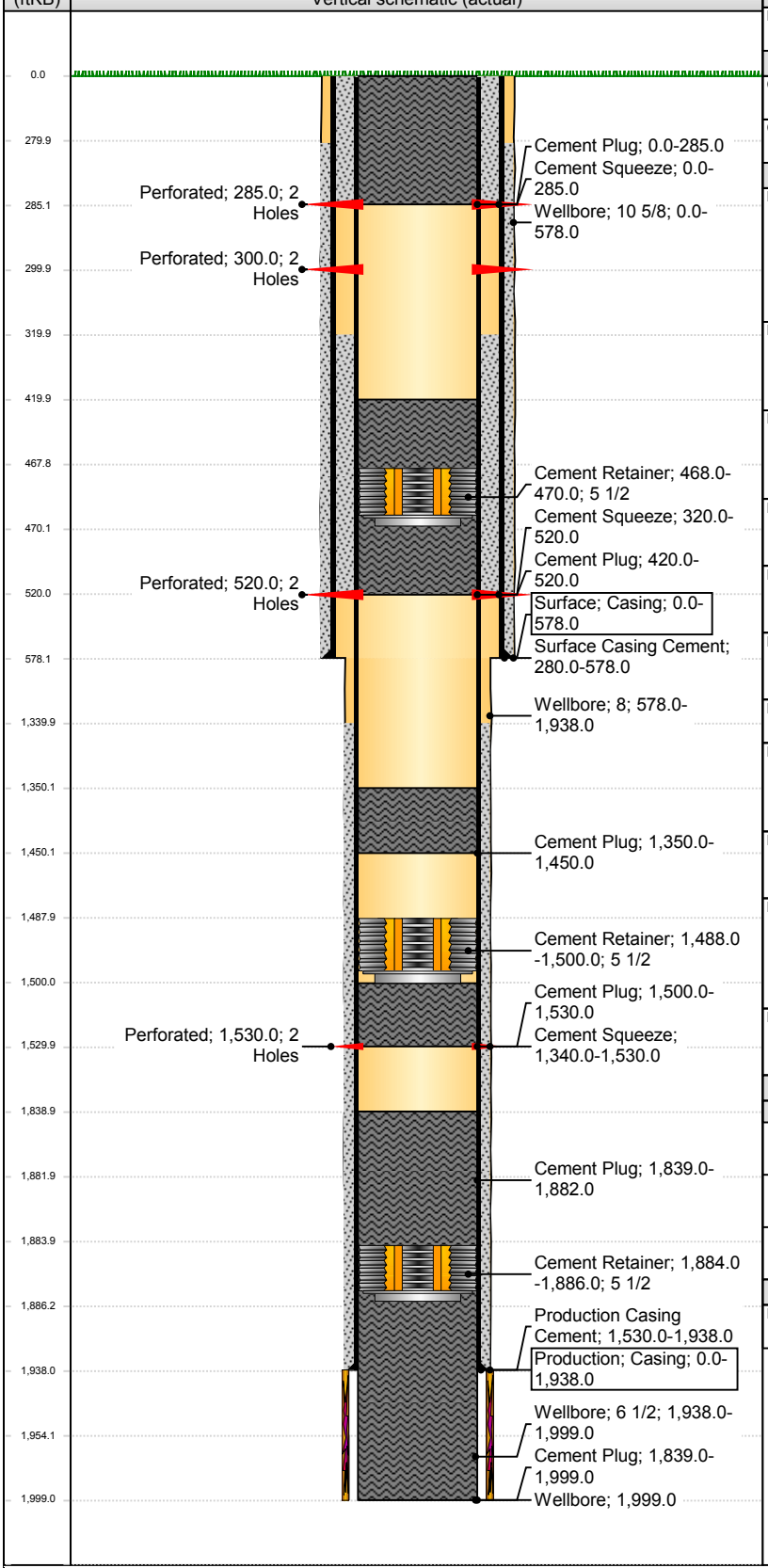
NM P&A Schematic

Well Name: TURNER A 31

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
300150522900	PB-GRAYBURG	Eddy	NM	18	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,760.00	3,760.00	0.00	6/7/1953		7/23/1953			Yes

Original Hole, 1/15/2015 11:56:33 AM



Original Hole Data

Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag
560.0	FSL	660.0	FWL

Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Surface	578.0	9 5/8	9	32.30	H-40	6/7/1953
Production	1,938.0	7	6.538	17.00	H-40	7/23/1953

Cement Stages

Description	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
Surface Casing Cement	280.0	578.0	Calculated	Cemented w/ 50 sxs. TOC @ 280' (calc). Asssumes 1.32 cu ft/sx and 50% fillup
Production Casing Cement	1,530.0	1,938.0	Tag	Cemented w/ 100 sxs. TOC assumed based on P&A job.
Cement Plug	1,839.0	1,999.0	Tag	squeezed 100 sx class H + 3% CaCl2 under retainer
Cement Plug	1,839.0	1,882.0	Tag	Cmt on top of cmt retr. set @ 1884'
Cement Plug	1,350.0	1,450.0	Tag	Spotted cmt plug w/ 20 sxs.
Cement Plug	420.0	520.0	Tag	Spotted 100 sxs cement plug
Cement Plug	0.0	285.0	Tag	Spotted cmt plug.
Cement Squeeze	1,340.0	1,530.0	Cement Bond Log	Squeezed 1530' perfs w/360 sx class H cmt w/3% CaCl2
Cement Plug	1,500.0	1,530.0	Tag	Plug remaining in casing after 1530' squeeze
Cement Squeeze	320.0	520.0	Cement Bond Log	Squeezed 520' perfs w/200 sx class H cmt + 6% gel + 100 sx class H cmt + 2% CaCl2
Cement Squeeze	0.0	285.0	Returns to Surface	Circ 100 sx class H + 2% CaCl2 from 285' perfs

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Com
Cement Retainer	1,884.0	1,886.0	9/8/1981	
Cement Retainer	1,488.0	1,500.0	9/8/1981	
Cement Retainer	468.0	470.0	9/8/1981	

Formations

Formation	Final Top...	Final Btm...	Comment

NM OIL CONS. COMMISSION
Drawer DD
Artesia, NM 88210

Form 9-331
Dec. 1973

Form Approved.
Budget Bureau No. 42-R1424

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

C/SF

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 Form 9-331-C for such proposals.)

1. oil well [X] gas well [ ] other

2. NAME OF OPERATOR ARCO Oil and Gas Company
Division of Atlantic Richfield Co.

3. ADDRESS OF OPERATOR
P. O. Box 1710, Hobbs, N M 88241-1710

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 560' FSL & 660' FWL
AT TOP PROD. INTERVAL: as above
AT TOTAL DEPTH: as above

5. LEASE
LC-029395(a)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

RECEIVED
MAR 12 1982
O. C. D.
ARTESIA, OFFICE

8. FARM OR LEASE NAME
Turner "A"

9. WELL NO.
31

10. FIELD OR WILDCAT NAME
Fren Seven Rivers

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
18-17S-31E

12. COUNTY OR PARISH
Eddy

13. STATE
N M

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
3760' DF

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	[ ]		[ ]
FRACTURE TREAT	[ ]		[ ]
SHOOT OR ACIDIZE	[ ]		[ ]
REPAIR WELL	[ ]		[ ]
PULL OR ALTER CASING	[ ]		[ ]
MULTIPLE COMPLETE	[ ]		[ ]
CHANGE ZONES	[ ]		[ ]
ABANDON*	[ ]		[X]
(other)			

RECEIVED
SEP 28 1981
OIL & GAS
U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Rigged up on 9/08/81. Install BOP. RIH w/bit & scraper to 1922'. POH w/bit & scraper. RIH w/pkr set @ 1884'. Established inj rate 2 BPM @ 2600#. RIH w/cmt ret, stopped @ 1543'. POH w/ret. RIH w/pkr, set @ 1514', wtr flow below. POH w/pkr. Ran bit & scraper to 1922'. POH w/bit & scraper. Ram cmt retr, set @ 1884', cmt squeezed from 1922-1999' w/100 sx Cl H cmt contg 3% $CaCl_2$. Cmt communicated thru hole in csg @ 1543'. RIH w/pkr, tagged cmt @ 1839'. Set pkr @ 1574', press tbg to 750#, held OK. Wtr flow up tbg/csg annulus. Re-set pkr @ 1513', press tbg to 3000#, press dropped to 800# in 2½ mins. Spot 250 gals 15% NE acid, pmpd 6 bbls acid, no break down. POH w/pkr. Perf'd 2 JS @ 1530'. RIH w/pkr set @ 1488', Established inj rate 2 BPM @ 2200#. RIH w/cmt retr, set @ 1488'. Press up tbg/csg annulus to 750#. Squeezed perfs @ 1530' w/360 sx Cl H cmt contg 3% $CaCl_2$. MP 2000#. Ran CBL. TOC @ 1340'. Spotted 20 sx Cl H cmt plug 1450-1350'. Perf'd 7" csg @ 520' w/2 JS. Set pkr @ 407'. Established inj rate @ 2-3 BPM @ 200-500# press. POH w/pkr.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Jerry W. Schmidt TITLE Dist. Drlg. Supt. DATE 9/18/81

Posted ID-2
P & A
3-19-82

(This space for Federal or State office use)

APPROVED
(Orig. Sgd.) PETER W. CHESTER
MAR 11 1982
FOR
JAMES A. GILLHAM
DISTRICT SUPERVISOR

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

Set cmt retr @ 468'. Cmtd perfs @ 520' w/200 sx Cl H cmt contg 6% gel, 100 sx Cl H cmt contg 2% $CaCl_2$. Spot 100' Cl H cmt plug 520-420'. Ran temp survey. TOC @ 320' from surface. Perf'd 7" csg @ 300'. Could not circ. Perf'd 7" csg @ 285'. Circ 100 sx Cl H cmt contg 2% $CaCl_2$ to surf thru 9-5/8" x 7" csg annulus. Spotted Cl H cmt w/2% $CaCl_2$ inside 7" csg 285'-surf. Installed regulation dry hole marker P&A eff: 9/16/81. FINAL REPORT.

☆GPO 1979—680-655/684

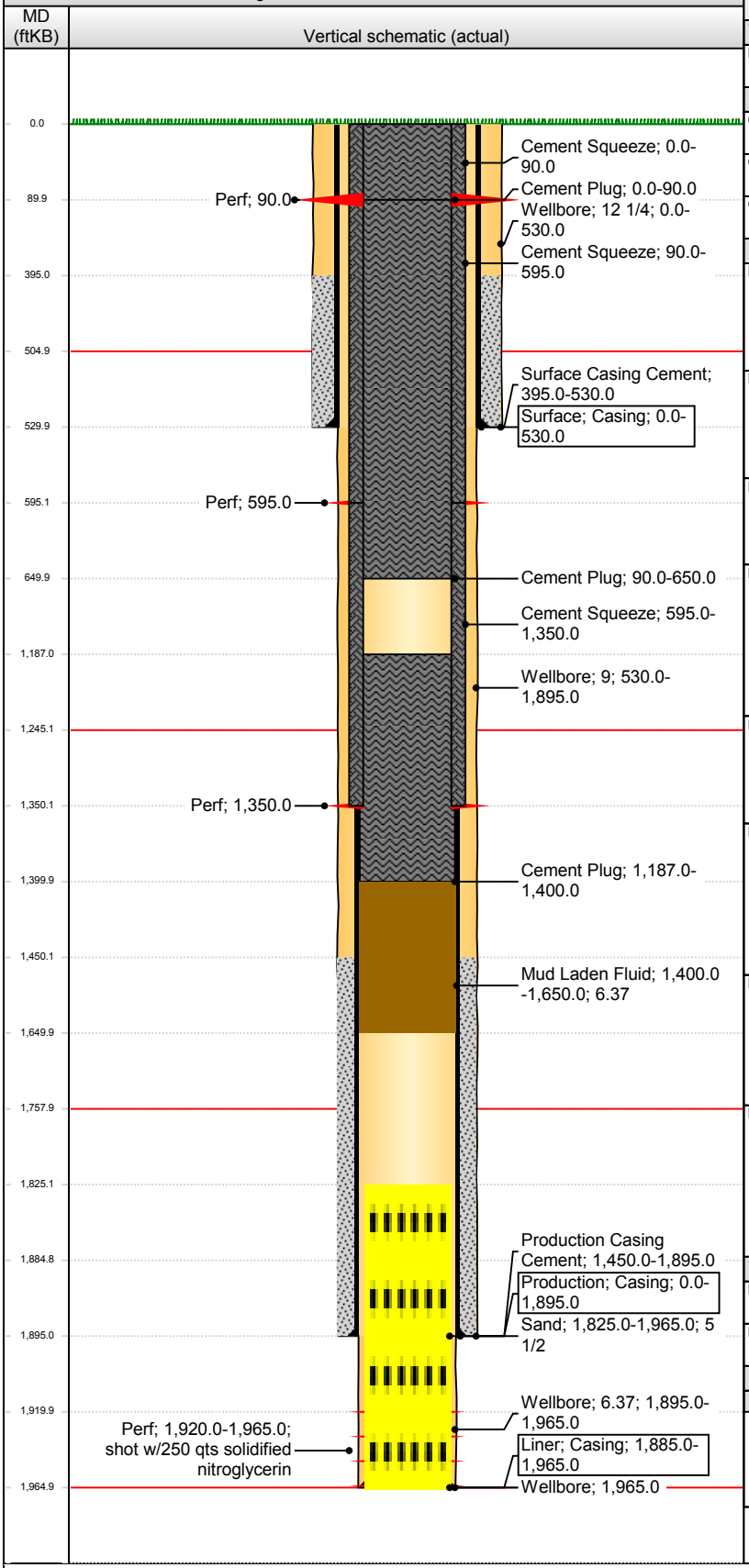
NM Regulatory Schematic

Well Name: TURNER A 32

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
3001505230	PBNM - PB-GRAYBURG	Eddy	NM	18	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,701.00	3,701.00	0.00	7/22/1953	8/15/1953	8/15/1953	32° 49' 54.48" N	103° 54' 18.864" W	Yes

Original Hole, 2/26/2015 6:39:02 AM



Original Hole Data

Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag
1,650.0	FSL	1,650.0	FEL

Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Surface	530.0	9 5/8	8.921	36.00	J-55	7/26/1953
Production	1,895.0	7	6.366	23.00	J-55	8/11/1953
Liner	1,965.0	5 1/2	4.892	17.00	J-55	8/15/1953

Cement Stages

Prop Drill Out?	Des	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
No	Surface Casing Cement	395.0	530.0	Calculated	Cemented w/ 50 sx. TOC @ 395' (calc). Assumes 1.32 cu ft/sx and 50% fillup.
No	Production Casing Cement	1,450.0	1,895.0	Calculated	Cemented w/ 100 sx. TOC @ 1450' (calc). Assumes 1.32 cu ft/sx and 50% fillup.
Yes	Cement Plug	0.0	90.0	Tag	Spotted 25 sx class C to surf. PROPOSED: DRILL OUT
No	Cement Coverage	0.0	90.0	Estimate	Perf'd @ 90' during P&A. Pressured up and could not pump into. Unknown amount of cement coverage assumed.
Yes	Cement Plug	90.0	650.0	Tag	Spotted 100 sx class C neat from 90'-650'. PROPOSED: DRILL OUT
No	Cement Coverage	90.0	595.0	Estimate	Perf'd @ 595' during P&A. Pressured up and could not pump into. Unknown amount of cmt coverage assumed.
Yes	Cement Plug	1,187.0	1,400.0	Tag	Spotted 40 sx class C + 2% CaCl from 1187'-1400'. PROPOSED: DRILL OUT
No	Cement Coverage	595.0	1,350.0	Estimate	Perf'd @ 1350' during P&A. Pressured up and could not pump into. Unknown amount of cmt coverage assumed.

Tubing Components

Prop Run?	Item Description	OD (in)	ID (in)	Wt (lb/ft)	Length (ft)
No	Tubing	2 3/8	1.995	4.60	1,706.00
No	Packer	7			2.75

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Com
Mud Laden Fluid	1,400.0	1,650.0	11/4/2013	Pumped 65 bbls mud laden fluid. PROPOSED: CLEAN OUT

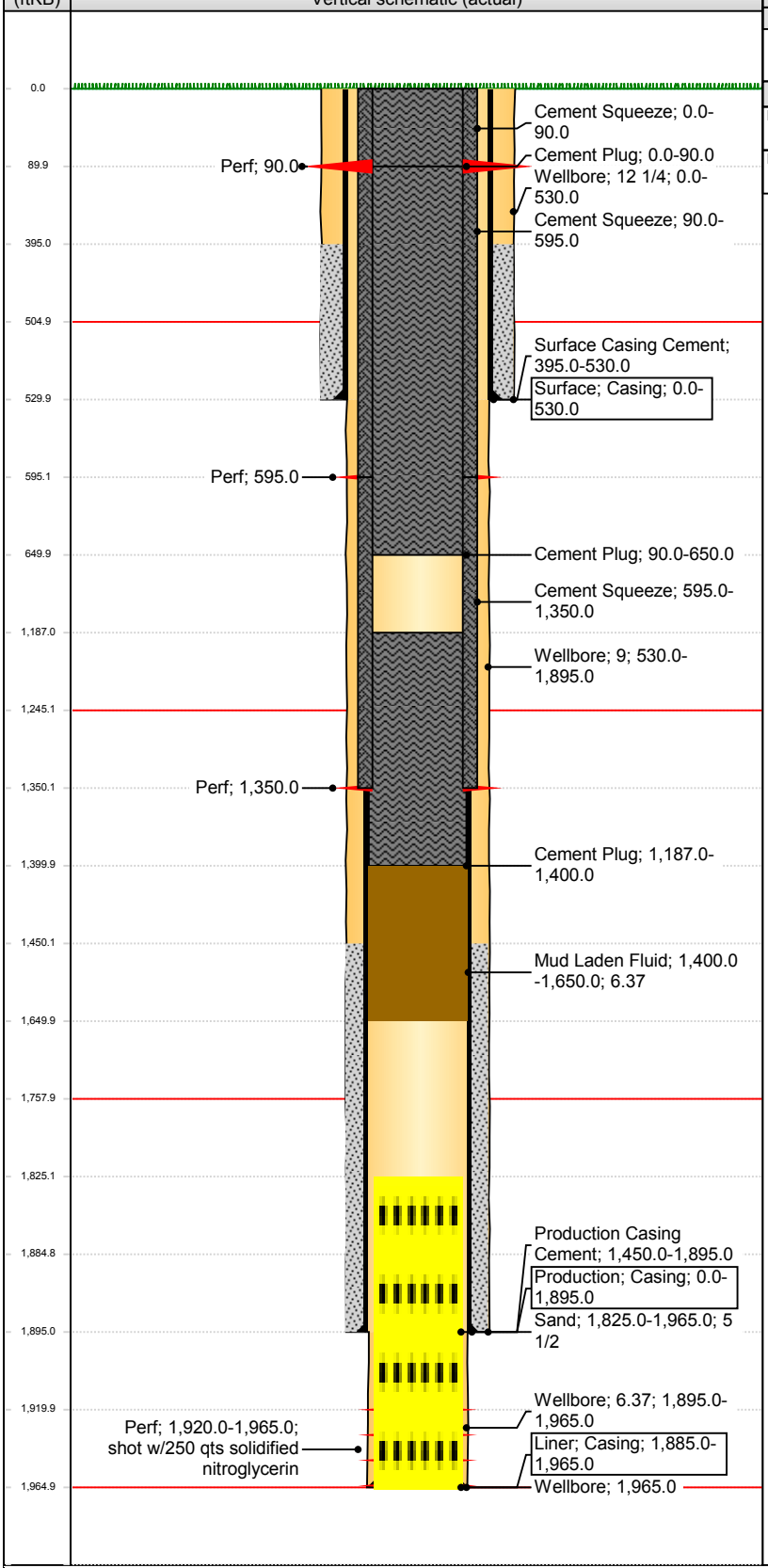
NM Regulatory Schematic

Well Name: TURNER A 32

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
3001505230	PBNM - PB-GRAYBURG	Eddy	NM	18	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,701.00	3,701.00	0.00	7/22/1953	8/15/1953	8/15/1953	32° 49' 54.48" N	103° 54' 18.864" W	Yes

Original Hole, 2/26/2015 6:39:02 AM



Original Hole Data

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Com
Sand	1,825.0	1,965.0	12/4/2014	Hole loaded w/ 4350# sand.

Formations

Formation	Final Top...	Final Btm...	Comment
Salt	505.0	1,245.0	
Seven Rivers	1,758.0	1,965.0	PROPOSED: INJECTION INTERVAL

TURNER A32
API # 30-15-05230

11/1/2013 - STARTED DIGGING CELLAR WHILE THE ANCHORS WERE TESTED AND CALICHE PAD WAS BUILT TO SET RIG ON. RIGGED UP. FINISHED DIGGING CELLAR. SD.

11/4/2013 - SAFETY MEETING. 7" CSG 350PSI, 9 5/8" CSG 0 PSI. NDWH, NU BOP. RIGGED UP TO RUN TBG. PU AND TIH W/ TBG OPEN ENDED; TAGGED @ 1650'. RIGGED UP CEMENT UNIT. PUMPED 65 BBLS MUD LADEN FLUID. POOH. STOOD BACK 1400' OF TBG. LD THE REST. PRESSURE TESTED INTEGRITY OF CASING; HELD 500 PSI. RIGGED UP WIRELINE AND PERFORATING CHARGES; RIH AND PERFORATED @ 1350'. POOH TIRED TO ESTABLISH INJECTION RATE; PRESSURED UP. RIH W/ TBG OPEN ENDED TO 1400'. SPOTTED 40 SX CLASS C CEMENT MIXED W/ 2% CALCIUM CHLORIDE FROM 1161' - 1400'. KENT CAFFAL W/ BLM ON LOCATION. LAID DOWN TUBING. WOC. ND BOP. RIH W/ WIRELINE; TAGGED PLUG @ 1187', PERFORATED @ 595'. SET PACKER @ 34'. TRIED TO ESTABLISH INJECTION RATE; PRESSURED UP. LAID DOWN PACKER. RIH W/ TUBING OPEN ENDED TO 650'. SPOTTED 100 SX CLASS C NEAT CEMENT FROM 53'-650'. LAID DOWN TUBING AND SHUT DOWN.

11/5/2013 - SAFETY MEETING. 9 5/8"CSG 0 PSI. RIH W/ TBG; TAGGED PLUG @ 90'. LAID DOWN TBG. RIGGED UP WIRELINE AND PERFORATING CHARGES. RIH AND PERFORATED @ 90'; POOH RIGGED DOWN WIRELINE. AS PER KENT CAFFAL W/ BLM. SET 7" PACKER @ 34', TRIED TO ESTABLISH INJECTION RATE, PRESSURED UP. BLED OFF PRESSURE AND LAID DOWN PACKER. CUTOFF WELLHEAD. VERIFIED CEMENT @ SURFACE. RIH W/ TBG TO 90'. SPOTTED 25 SX CLASS C NEAT CMT TO SURFACE. LAID DOWN TBG. RD AND CLEANED LOCATION.

11/6/2013 - CREW ON LOC. SAFETY MEETING (WELL HEAD CUT OFF PRIOR TO ARRIVAL (CALLED KENT CAFFAL W/ BLM OK FOR COVER UP.) CUT AND WELD 8 1/2" PLATE INSTALL DRY HOLE MARKER PLATE 3' BELOW GROUND COVERED PLATE PULLED OUT TO DEADMEN ON EST OF LOC. CLEAN LOC. (DRY HOLE MARKER SET) LAT=32.831808 LONG. 103.905954 = OF WELL HEAD.

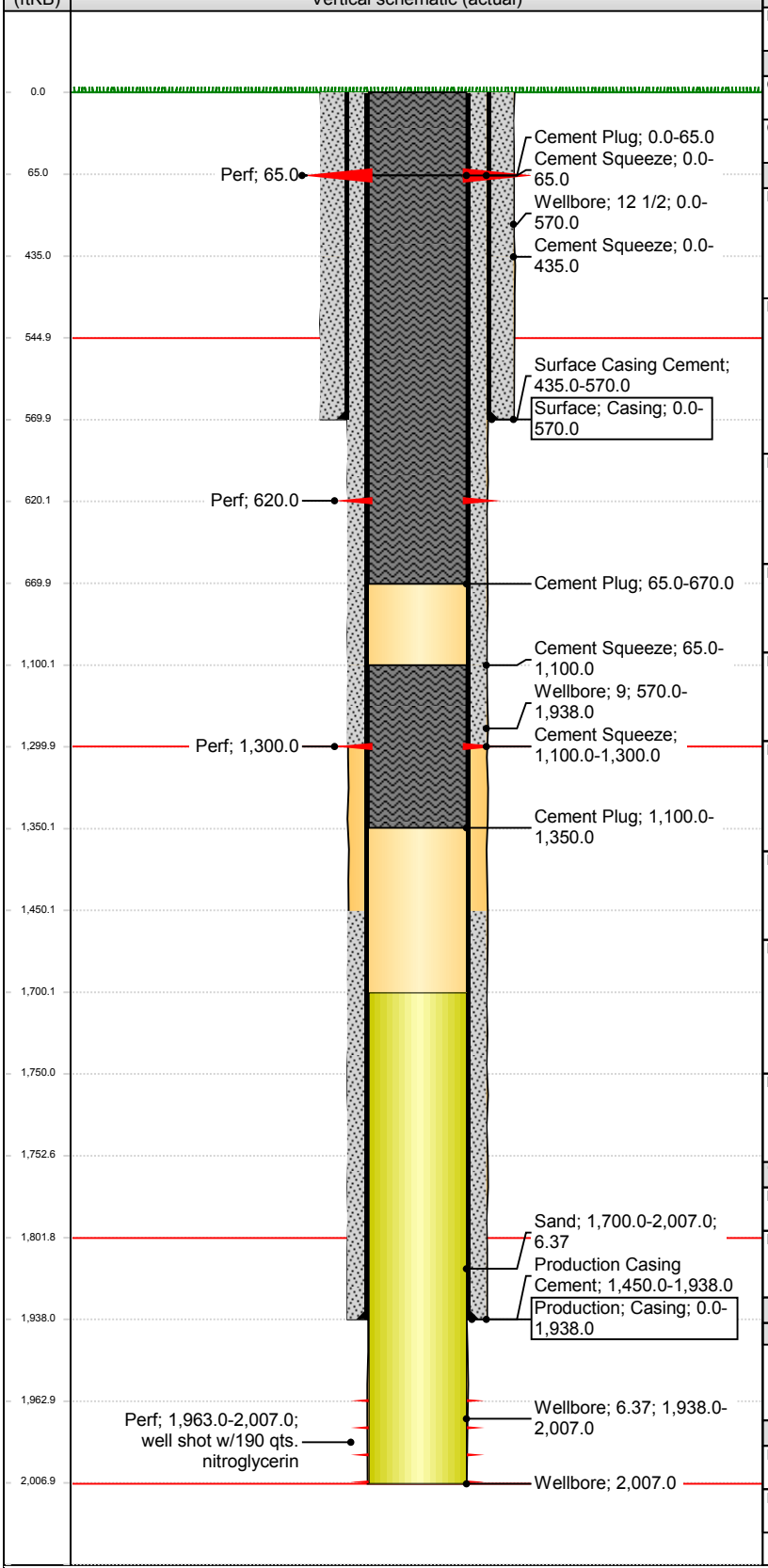
NM Regulatory Schematic

Well Name: TURNER A 33

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
3001505231	PBNM - PB-GRAYBURG	Eddy	NM	18	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,762.00	3,762.00	0.00	8/26/1953	9/23/1953	9/23/1953	32° 49' 54.48" N	103° 54' 34.416" W	Yes

Original Hole, 2/25/2015 1:23:53 PM



Original Hole Data

Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag
1,650.0	FSL	2,058.0	FWL

Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Surface	570.0	9 5/8	8.921	36.00	J-55	8/28/1953
Production	1,938.0	7	6.366	23.00	J-55	9/23/1953

Cement Stages

Prop Drill Out?	Des	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
No	Surface Casing Cement	435.0	570.0	Calculated	Cemented w/ 50 sx. TOC @ 435' (calc). Assumes 1.32 cu ft/sx and 50% fillup.
No	Production Casing Cement	1,450.0	1,938.0	Calculated	Cemented w/ 100 sx (assumed based on offset cmt volumes). TOC @ 1450' (calc). Assumes 1.32 cu ft/sx and 50% fillup.
Yes	Cement Plug	0.0	65.0	Tag	Spotted 40 sx class C Neat cmt from surf - 65'. PROPOSED: DRILL OUT
No	Cement Squeeze	0.0	65.0	Tag	Perf @ 65 Sqz w/40 sx C neat cmt
No	Cement Squeeze	0.0	435.0	Tag	Perf @ 65 Sqz w/40 sx C neat cmt
Yes	Cement Plug	65.0	670.0	Tag	Spotted 100 sx class C cmt from 65'-670'. PROPOSED: DRILL OUT
No	Cement Squeeze	65.0	1,100.0		Perf @ 620 Sqz w/100 sx class C cmt
Yes	Cement Plug	1,100.0	1,350.0	Tag	Spotted 40 sx class C cmt + 2% CaCl from 1100'-1350'. PROPOSED: DRILL OUT
No	Cement Squeeze	1,100.0	1,300.0		Perf @ 1300 Sqz w/40 sx class C cmt + 2% CaCL

Tubing Components

Prop Run?	Item Description	OD (in)	ID (in)	Wt (lb/ft)	Length (ft)
Yes	IPC Tubing	2 3/8	1.995	4.60	1,750.00
Yes	Arrowset-1X (NP) Pkr w/ On/off Tool	7			2.75

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Com
Sand	1,700.0	2,007.0	11/5/2013	Sand tagged @ 1700'. PROPOSED: CLEAN OUT

Formations

Formation	Final Top...	Final Btm...	Comment
Salt	545.0	1,300.0	
Seven Rivers	1,802.0	2,007.0	PROPOSED: INJECTION INTERVAL

Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia
RECEIVED
DEC 16 2013
NMOCD ARTESIA

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

5. Lease Serial No.
NMLC029395A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
TURNER A 33

2. Name of Operator
LINN OPERATING INCORPORATED
Contact: TERRY B CALLAHAN
E-Mail: tcallahan@linnenergy.com

9. API Well No.
30-015-05231-00-S1

3a. Address
600 TRAVIS STREET SUITE 5100
HOUSTON, TX 77002

3b. Phone No. (include area code)
Ph: 281-840-4272

10. Field and Pool, or Exploratory
GRAYBURG

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 18 T17S R31E NESW 1650FSL 2058FWL

11. County or Parish, and State
EDDY COUNTY, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☒ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Accepted as to plugging of the well bore.
Liability under bond is retained until
Surface restoration is completed.

PLUGGING AND ABANDONED COMPLETED OPERATIONS:

11/5/2013 ? MIRU, DUG OUT CELLAR. 7" AND 9 5/8" CSG 0 PSI. ND WELLHEAD, NO TBG, NU BOP. PU & TIH W/ TBG OPEN ENDED; TAGGED @ 1700?. RU CEMENT UNIT. PUMPED 70 BBS MUD LADEN FLUID. CLOSED IN WELL AND SHUT DOWN.

11/6/2013 - SAFETY MEETING. TUBING, 7" AND 9 5/8" CSG 0 PSI. POOH STOOD BACK 1350' OF TBG. LD THE REST. PRESSURE TESTED INTEGRITY OF CSG; HELD 500 PSI. BLED OFF. RIGGED UP WIRELINE AND PERFORATING CHARGES; RIH AND PERFORATED @ 1300' POOH TRIED TO ESTABLISH INJECTION RATE; PRESSURED UP. BLED OFF PRESSURE; RIH W/ TBG OPEN ENDED TO 1350'. SPOTTED 40 SX CLASS C CEMENT MIXED W/ 2% CALCIUM CHLORIDE FROM 1111'-1350' NOTIFIED KENT CAFFAL W/ BLM. LAID DOWN ALL THE TBG; ND BOP WOC. RIGGED UP WIRELINE AND PERFORATING CHARGES; RIH, TAGGED PLUG @ 1100'. PERFORATED @ 620'. POOH. TRIED TO

LRDade accepted for record 12/17/13

RECLAMATION
DUE 5-11-14

14. I hereby certify that the foregoing is true and correct.
NMOCD
Electronic Submission #226724 verified by the BLM Well Information System
For LINN OPERATING INCORPORATED, sent to the Carlsbad
Committed to AFMSS for processing by KURT SIMMONS on 12/03/2013 (13JLD1438SE)

Name *(Printed/Typed)* TERRY B CALLAHAN — Title REG COMPLIANCE SPECIALIST III

Signature (Electronic Submission) — Date 11/14/2013

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ACCEPTED — JAMES A AMOS
Title SUPERVISOR EPS — Date 12/10/2013

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office Carlsbad

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

9

Additional data for EC transaction #226724 that would not fit on the form

32. Additional remarks, continued

ESTABLISH INJECTION RATE; PRESSURED UP. BLED OFF PRESSURE. RIH W/ TBG OPEN ENDED TO 670' SPOTTED 100 SX CLASS C NEAT CMT FROM 73' - 670'. LAID DOWN TBG AND SHUT DOWN, KENT CAFFAL W/ BLM ON LOCATION.

11/7/2013 - SAFETY MEETING TIH W/ WORK STRING TAG @65' LAY DWN TBG TIH W/ WIRE-LINE PERFORATE @65' RD WIRE-LINE ESTALISH INJECTION RATE PRESSURED UP. CUT OFF WELL HEAD. TIH W/ WORK STRING TO 65'. SPOT 40-SX CLASS C NEAT CMT TO SURFACE LAID DWN TBG (JOSE SAENY W/ BLM ON LOCATION) RDCL. CUT OFF WELL HEAD @ LAT. 32.831802, LONG.=103.910191. WAIT ON DRY HOLE MARKER.

11/12/2013 - SAFETY MEETING, WELLHEAD WAS CUT OFF PRIOR TO ARRIVAL BY RIG #4, DIG UP CEMENT AROUND CASING, CONTACT KENT CAFFAL W/ BLM, OK FOR COVER UP, CUT AND WELD 8 1/2 INCH PLATE TO SEAL CASING, MAKE AND INSTALL DRY HOLE MARKER PLATE LAT = 32.831796, LONG= 103.9145093 FEET BELOW GROUND LEVEL, COVER WELLHOLE, PULL OUT 2 DEADMEN ON SOUTH OF LOCATION. CLEAN LOCATION.

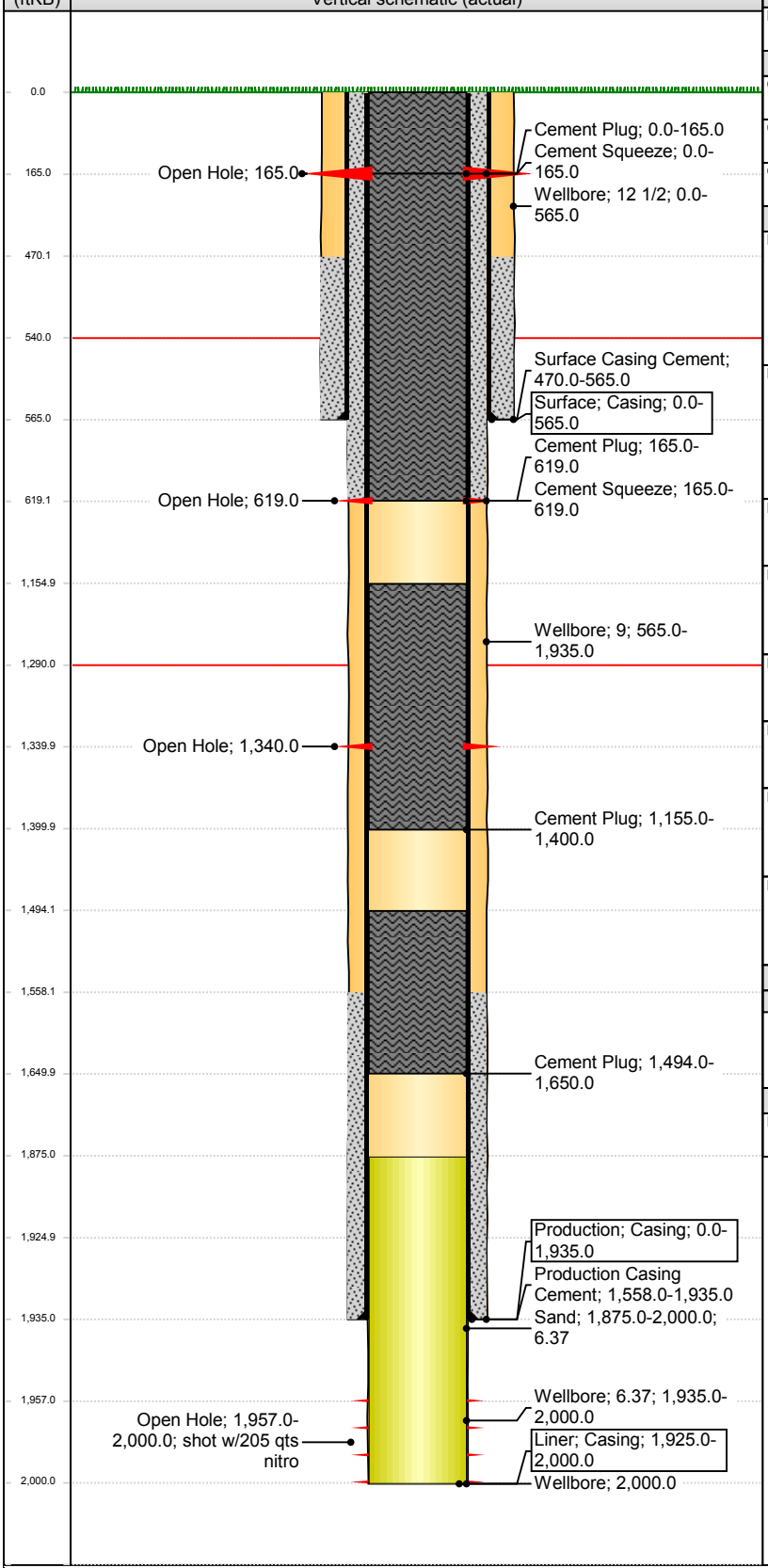
NM P&A Schematic

Well Name: TURNER A 34

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
3001505232	PBNM - PB-GRAYBURG	Eddy	NM	18	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,762.00	3,762.00	0.00	9/27/1953	10/28/1953	10/28/1953	32° 49' 54.48" N	103° 54' 49.896" W	Yes

Original Hole, 1/15/2015 2:51:26 PM



Original Hole Data

Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag
1,650.0	FSL	738.0	FWL

Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Surface	565.0	9 5/8	8.921	36.00	J-55	9/27/1953
Production	1,935.0	7	6.366	23.00	J-55	10/28/1953
Liner	2,000.0	5 1/2	4.892	17.00	J-55	10/28/1953

Cement Stages

Description	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
Surface Casing Cement	470.0	565.0	Calculated	50 sx cmt TOC @ 470' (calc). Assumes 1.32 cu ft/sx and 50% fillup
Production Casing Cement	1,558.0	1,935.0	Calculated	100 sx cmt TOC @ 1558' (calc). Assume 1.32 cu ft/sx and 50% fillup
Cement Plug	1,494.0	1,650.0	Tag	spot 25 sx class C neat cmt from 1494'-1650'
Cement Plug	1,155.0	1,400.0	Tag	spot 40 sx class C cmt + 2% CaCl from 1155'-1400'
Cement Plug	165.0	619.0	Tag	spotted 175 sx class C neat cmt from 165'-619'
Cement Plug	0.0	165.0	Tag	spotted 60 sx class C neat cmt to surface
Cement Squeeze	165.0	619.0		Squeeze 175 sx class C neat @ 619' perf. TOC unknown
Cement Squeeze	0.0	165.0	Returns to Surface	Squeeze 60 sx class C neat @ 165' perf to surface

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Com
Sand	1,875.0	2,000.0	6/15/1994	Plugged well with sand 50' above liner (1825'-2000')

Formations

Formation	Final Top...	Final Btm...	Comment
Salt	540.0	1,290.0	

OCD Artesia

Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

5. Lease Serial No.
NMLC029395A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
TURNER A 34

2. Name of Operator
LINN OPERATING INCORPORATED
Contact: TERRY CALLAHAN
E-Mail: tcallahan@linnenergy.com

9. API Well No.
30-015-05232-00-S1

3a. Address
600 TRAVIS STREET SUITE 5100
HOUSTON, TX 77002

3b. Phone No. (include area code)
Ph: 281.840.4272

10. Field and Pool, or Exploratory
GRAYBURG

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 18 T17S R31E NWSW 1650FSL 738FWL

11. County or Parish, and State
EDDY COUNTY, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☒ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

RECLAMATION
DUE 5-11-14

Plugging and Abandoning Completed Operation

11/7/2013 ? Move in & RU. 7" & 9 1/2" csg 0# NDWH no tbg RU TIH w/ open end tbg to 1650' (Jose Saeny w/ BLM on location to witness tag. RU pumped mud laden fluid spot 25-sx class C neat cmt from 1500' to 1650', (Orders per Jim Amos w/ BLM.) POOH w/ 1000? of tbg. Closed well in & SD.

11/8/2013 - Safety meeting. tbg 7" and 9 5/8" casings 0 psi. RIH w/ tbg. tagged @ 1494'. POOH, stood back 1400' of tbg. Laid down the rest. Pressure tested integrity of casing; held 500 psi. Bled off pressure. Rigged up wireline and perforating charges; RIH and perforated @ 1340' POOH tried to establish injection rate; pressured up. Bled off pressure and RIH w/ tbg open ended to 1400'. Spotted 40 sx class C cmt- mixed w/ 2% calcium chloride from 1131'-1400'. Notified Kent Caffal w/ BLM. LD all tbg. NDBOP WOC. RU WL & perforating charges. RIH & tagged plug @ 1155?.

Accepted as to plugging of the well bore. Liability under bond is retained until surface restoration is completed.

LP Dade Accepted for record 12/17/13
NMOCD

RECEIVED
DEC 16 2013
NMOCD ARTESIA

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #226721 verified by the BLM Well Information System
For LINN OPERATING INCORPORATED, sent to the Carlsbad
Committed to AFMSS for processing by KURT SIMMONS on 12/03/2013 (14JLD1441SE)

Name *(Printed/Typed)* TERRY CALLAHAN — Title REGULATORY SPECIALIST III

Signature (Electronic Submission) — Date 11/14/2013

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ACCEPTED — JAMES A AMOS — Title SUPERVISOR EPS — Date 12/10/2013

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office Carlsbad

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**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

4

Additional data for EC transaction #226721 that would not fit on the form

32. Additional remarks, continued

Perf @ 619? POOH. Est inj rate; circ. LD pkr & NU WH w/ 2? sub. Sqz 175 sx class C neat cmt; lost circ. Close in well and SD.

11/10/2013 ? Crew drove bulk trailer from Loco Hills to cement plant in Odessa to fill up and drove to Odessa yard.

11/11/2013 - Safety meeting. 7" and 9 5/8" casings 0 psi. RIH w/ wireline; tagged plug @ 165'. POOH rigged up perforating charges; RIH and perforated @ 165'. POOH rigged down wireline. Squeezed 60 sx class C neat cmt to surface. Notified Kent Caffal w/ BLM. WOC. Cut off wellhead. Added 10 sx class C neat cement to backside of 7" casing. Cement @ surface. RD & cleaned location.

11/12/2013 - 15 min safety meeting, wellhead was cutoff Prior to arrival by Rig # 4, dug up cement around casing, contact Kent Caffal w/ BLM, ok for cover up, cut and weld 8 1/2 inch Plate to seal casing make and install dry hole marker, plate 3 feet below ground level, Lat = 32.831796, Long= 103.914509 pull out 2 deadmen on East of location cover wellhole, clean location.

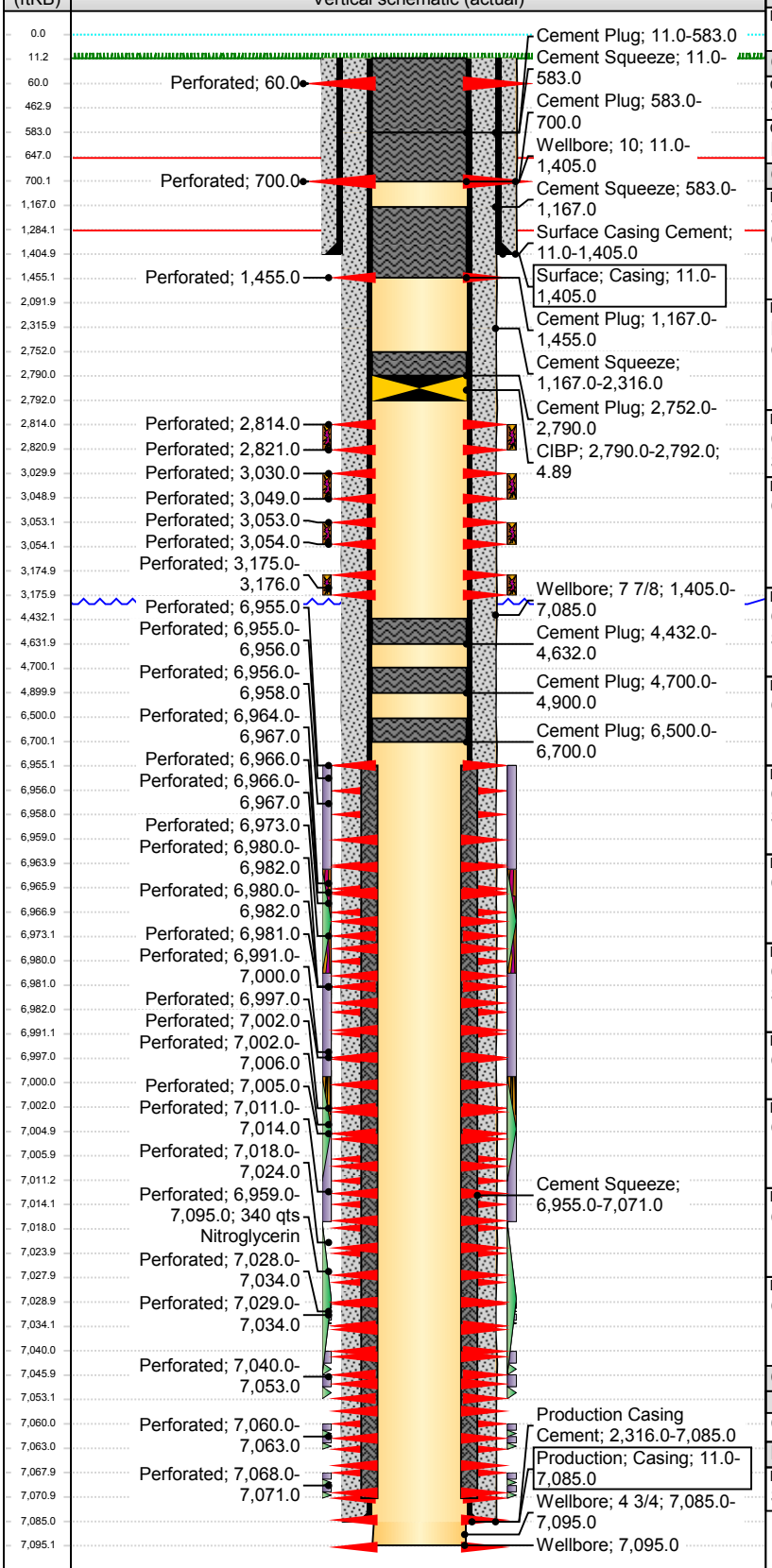
NM P&A Schematic

Well Name: FRIESS FEDERAL 3

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
3001505235	PBNM - PB-GRAYBURG	Eddy	NM	19	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,600.00	3,611.00	11.00	5/15/1962		7/10/1962	32° 49' 2.496" N	103° 54' 22.248" W	Yes

Original Hole, 3/10/2015 4:37:27 PM



Original Hole Data

Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag
1,650.0	FSL	1,980.0	FEL

Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Surface	1,405.0	8 5/8	7.921	32.00	J-55	5/25/1962
Production	7,085.0	5 1/2	4.892	17.00	J-55	7/5/1962

Cement Stages

Description	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
Surface Casing Cement	11.0	1,405.0	Calculated	200 sxs cmt TOC (calc) @ surface. Assume 1.32 cu ft/sk and 50% fillup
Production Casing Cement	2,316.0	7,085.0	Calculated	850 sxs cmt TOC (calc) @ 2316' Assume 1.32 cu ft/sk and 50% fillup
Cement Squeeze	6,955.0	7,071.0	Tag	150 sxs cmt sqz
Cement Plug	11.0	583.0	Tag	Surface Plug Pump in top of well WOC Pump Remaining cement Tag @ Surface
Cement Squeeze	11.0	583.0	Tag	Perf @ 60' Pump in top of well WOC Sqz Remaining cement
Cement Plug	583.0	700.0	Tag	Spot plug w/ 45 sx cmt @ 700' Tag @ 583'
Cement Squeeze	583.0	1,167.0	Calculated	Perf @ 700' Sqz 45 sx cmt TOC @ 583' (calc)
Cement Plug	1,167.0	1,455.0	Tag	Spot plug w/ 75 sx cmt @ 1455' Tag @ 1167'
Cement Squeeze	1,167.0	2,316.0	Calculated	Perf @ 1455' Sqz 25 sx cmt TOC @ 1167 (calc)'
Cement Plug	2,752.0	2,790.0	Calculated	Spot plug w/ 25 sx cmt (assumed) @ 2790'
Cement Plug	4,432.0	4,632.0	Tag	Spot plug w/ 25 sx cmt (assumed) @ 4632' Tag @ 4432'
Cement Plug	4,700.0	4,900.0	Tag	Spot plug w/ 25 sx cmt (assumed) @ 4900' Tag @ 4700'
Cement Plug	6,500.0	6,700.0	Tag	Spot plug w/ 25 sx cmt (assumed) @ 6700' Tag @ 6500'

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Com
CIBP	2,790.0	2,792.0	11/11/2013	capped w/ 25 sx cmt

Formations

Formation	Final Top...	Final Btm...	Comment
Salt	647.0	1,284.0	

Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
OCD Artesia
DEC 09 2013
MOCD ARTESIA

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

5. Lease Serial No.
NMLC060409

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
FRIESS FEDERAL 3

2. Name of Operator
LINN OPERATING INC
Contact: TERRY B CALLAHAN
E-Mail: tcallahan@linnenergy.com

9. API Well No.
30-015-05235

3a. Address
600 TRAVIS, SUITE 5100
HOUSTON, TX 77002

3b. Phone No. (include area code)
Ph: 281-840-4272

10. Field and Pool, or Exploratory
GRAYBURG JACKSON;SR-Q-G-S

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 19 T17S R31E Mer NMP NWSE 1650FSL 1980FEL
32.817319 N Lat, 103.906975 W Lon

11. County or Parish, and State
EDDY COUNTY, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☒ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Accepted as to plugging of the well bore.
Liability under bond is retained until
Surface restoration is completed.

COMPLETED PLUGGING AND ABANDONING OPERATIONS:

10/29/2013 ? MIRU

10/30/2013 ? SAFETY MTG, BLED WELL. UNLOAD WS OF 220 JTS 2-7/8 TBG ? TALLY PIPE. CHANGE PIPE RAMS ON BOP, NDWH, SPEAR TBG UNSET TAC LD SPEAR. NUBOP & CATCH PAN. POH 84 JTS OF 2-3/8 TAC 8 JTS 2-3/8 SN PERF SUB MJ/BP SECURE WELL.

10/31/2013 ? PU BIT & SUB 6 DC?S ? 96 JTS TBG TAG @ 3248?. PU SWIVEL AND STRIPPER HEAD. BREAK CIRC. 1 HR. WO WATER. FRESH WATER TO TANK, BREAK CIRC. START DRLG 3248 TO 3264. PU ONE JOINT, CIRC WELL. SECURE WELL.

Accepted for record
LRD NMOCD 12/9/13

RECLAMATION
DUE 5-17-14

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #227331 verified by the BLM Well Information System
For LINN OPERATING INC, sent to the Carlsbad
Committed to AFMSS for processing by KURT SIMMONS on 12/03/2013 ()

Name *(Printed/Typed)* TERRY B CALLAHAN — Title REG COMPLIANCE SPECIALIST III

Signature (Electronic Submission) — Date 11/19/2013

ACCEPTED FOR RECORD

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____ Title _____ Date DEC 5 2013

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. Office

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

Additional data for EC transaction #227331 that would not fit on the form

32. Additional remarks, continued

11/1/2013 ? BREAK CIRC, TAG PLUG @ 3264?, DRILL ON PLUG @ 3264? NO PROGRESS. PULL ONE JT ? CIRC HOLE, LD SWIVEL & STRIPPER HEAD. POH W/ TBG 96 JTS AND 6 DC?S ? LD BIT & SUB. SECURE WELL.

11/4/2013 ? RU SAND LINE PU MAGNET RIH 3 TIMES SHOWED NOTHING, RD SAND LINE & 2 JTS TBG. PU IMPRESSION BLOCK RIH WITH 101 JTS TBG. POH 101 JTS AND IMPRESSION BLOCK-NO SHOW ON THE BLOCK. RIH W/ IMPRESSION BLOCK AND TBG. POH; W/ TBG & IMPRESSION BLOCK GAIN NO IMPRESSION. PU 4-3/4 SHOE W/ CUT RITE ? RIH 6 ? 3-1/2 DC?S & 80 JTS 2-7/8 TO TOP OF PERS ? SECURE WELL ? SHUT DOW

11/5/2013 ? RIH 16 JTS 2-7/8 TAG PLUG @ 3269? ? PULL ONE JOINT ? RU STRIPPER HEAD AND SWIVEL. BREAK CIRC ? START DRILLING PLUG @ 3269. CIRC WELL. LD SWIVEL. PU 104 JTS TBG TAG @ 6675?. POH 60 JTS TUBING ? LD STRIPPER HEAD ? SECURE WELL.

11/6/2013 ? POH 149 JTS TBG ? LD 6 DC?S AND SHOE. RIH W/ 206 JTS TBG ? TAG @ 6675 ? POH 1 JT. WOC

11/7/2013 ? RU PUMP AND WATER TRUCK. CIRC WELL, PUMP CMT ? POH 12 JTS 2-7/8, WOC. PU TUBING TAG. @ 6500 POH TBG LD 59 JTS, RU CMT TRUCK. LD PRESSURE LINE POH 132 JOINTS TBG AND LD 13 JTS, RIH W/ TBG, RU CMT TRUCK. PUMP SECOND PLUG, RD CMT TRUCK, POH 10 JTS.
4700

11/8/2013 ? PU TBG, RIH 10 JTS, NO TAG ? POH 16 JTS. RIH 16 JTS TO PUMP CEMENT. WO CEMENT TRUCK. RU CEMENT TRUCK, PUMP CEMENT, POH 20 JOINTS. WOC. RIH 10 JOINTS, TAG PLUG @ 4432. POH 43 JTS, STAND BACK AND LD REMAINING TBG, SECURE WELL.
4706

11/11/2013 ? RU WL MAKE 4 RUNS ? SET PLUG @ 2790? ? PERF @ 1455 - @ 700 @ 60 ? RD WL. PU PACKER, RIH W/ 86 JTS TBG. SECURE WELL.
CIBP @ 2780
1455 75 SX

11/12/2013 ? RU CMT TRUCK, CIRC WELL, PUMP CMT, RD CMT TRUCK. PULL UP 20 JTS, CIRC 20 BBLS. POH 41 JTS LD, SET PKR @ 1102?. RU & PUMP CEMENT. WOC. PU 2 JTS TAG CEMENT 1167?. POH LD 19 JTS TBG ? SET PKR @ 486?. RU & PUMP CMT ? RD CMT TRUCK.
700' 45 SX

11/13/2013 ? PU TBG ? TAG @ 583?. POH LD TBG 20 JTS AND PKR. RD FLOOR ? CATCH PAN ? BOP. RU CEMENT TRUCK ? PUMP IN TOP OF WELL. WOC. RU CEMENT TRUCK ? PUMP REMAINING CEMENT, SDFN

11/18/2013 ? MI WELDER AND HELPER. DUG OUT CELLAR. CUT OFF WELLHEAD. JOE SALSIDO W/ BLM OK?D WORK TO BE DONE. WELDED 7-1/2? PLAT AND DRY HOLE MARKER THREE FEET BELOW GROUND LEVEL, REMOVED ANCHORS, COVERED ALL OPENINGS, CLEANED LOCATION, LAT.=32.817319; LONG.=103.906975. CLEAN UP DONE BY NUNEZ BACKHOE SERVICE.

Missing info on report. Plug setting depth and Vol. of cmt. Above info from BLM inspection notes. Add in future Reports. J. Amos

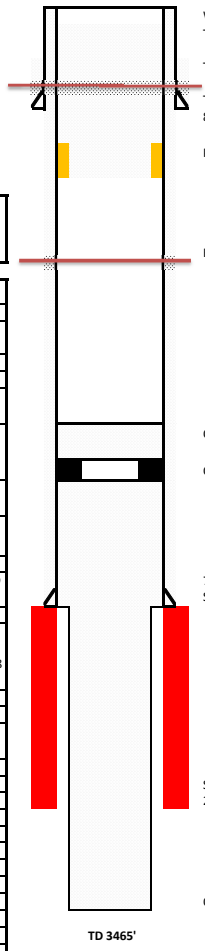
Well Name:	**TURNER A #007**

	Location:
Location	330' FNL & 660' FEL
Section:	S19-T17-R31
Block:	
Survey:	
County:	EDDY
Lat/Long:	32.8263596614945,-103.91044007971
Field:	
	Elevations:
GL:	3713'
DF.	3713'
KB-GL Calc:	0'
ck w/log?	

Logging Requirements:

Date	
5/24/1940	Spud well (no hole size information). Reach TD. Set 565' of 8 5/8" 32# surface casing + 50 sx cmt. Set 2957' 7" 24# production casing + 100 sx cmt. No completions in Open Hole. Well put on producing.
3/4/1968	Ran electric log (Neutron Permeability Density) 1800'-3453'
3/5/1968	Spotted 12,500# sand and temporarily plug back to 3145'.
3/6/1968	Sand water frac'd Grayburg Open Hole 2957'-3145' w/30,000 gals gelled fresh water + 30,000# sand + 4,000# rock salt in 3 stages. Max pressure 3300#, min pressure 2000# @ 31.8 BPM. ISIP 1500#. 10 mins. SIP 1400#. 12 hr. SIP 150#.
3/7/1968	Clean out sand and gyp to TD 3465'. Put on pump for tests.
1/30/1995	7" production casing was found collapsed @ 2489'. An additional restriction was found in the 7" casing @ 2549'.
2/23/1995	Set retainer @ 2296'. Dowell Schlumberger pumped 20 sx 12.8 ppg lead slurry, 180 sx 14.8 ppg slurry. Pulled stinger out of cmt retainer 8'. Perf'd 4 SPF @ 595'-596'. Pumped 170 sx 14.8 ppg slurry + 80 sx 14.8 ppg slurry in perfs. Tagged cmt 30'. Cut off casing 4' below surface. Welded on dry hole marker.

Current
Wellbore Diagram



Well Name:	**TURNER A #007**
API No:	**30-015-05236**
Spud Date:	**5/24/1940**
WBD Update:	**12/17/14 M. Reginato**

Hole Size:	N/A
Surf Csg:	8 5/8" 32#
Cement Blend:	50 SX Halliburton Lite
Depth:	565'
TOC:	300' (calc)

Hole Size:	
Int Csg:	
Cement Blend:	
Returns:	
TOC:	

Details of Perforations

2/23/1995	Perf'd 4 SPF @ 595'-596'

Acid or Fracture Treatment Details

3/6/1968	Frac 2957'-3145' w/ 30,000 gals gelled fresh water + 30,000# sand + 4,000# rock salt in 3 stages

Tubing Detail	
Joints	**Description**
Pkr Depth	

Rod Detail (top to bottom)	
Rods	**Description**

Pumping Unit:

Hole Size:	N/A
Prod Csg:	7", 24#
Capacity (bbl/ft):	
Cement Blend:	100 sx + 230 sx 14.8 ppg slurry thru perf
Returns:	
TOC:	Surface
Depth	2957'

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM OIL CONS COMMISSION
Drawer DD
Artesia, NM 88210

FORM APPROVED
Budget Bureau No. 1004-0135
Expires March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
   ☒ Oil Well ☐ Gas Well ☐ Other
2. Name of Operator
   DEVON ENERGY OPERATING CORPORATION
3. Address and Telephone No.
   20 NORTH BROADWAY, SUITE 1500, OKLAHOMA CITY, OKLAHOMA 73102 (405)552-4527
4. Location of Well (Footage. Sec., T., R., M., or Survey Description)
   330' FNL & 1980' FWL, Sec. 19-T17S-R31E

5. Lease Designation and Serial No.
   LC029395-A
6. If Indian, Allottee or Tribe Name
   NA
7. If Unit or CA, Agreement Designation
   NA
8. Well Name and No.
   Turner "A" #7
9. API Well No.
   30-015-05236
10. Field and Pool, or Exploratory Area
    Grayburg-Jackson
11. County or Parish, State
    Eddy County, NM

CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
☒ Notice of Intent	☒ Abandonment	☐ Change of Plans
☐ Subsequent Report	☐ Recompletion	☐ New Construction
☐ Final Abandonment Notice	☐ Plugging Back	☐ Non-Routine Fracturing
	☐ Casing Repair	☐ Water Shut-Off
	☐ Altering Casing	☐ Conversion to Injection
	☐ Other ____	☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The 7" production casing was found collapsed @ 2489'. An additional restriction was found in the 7" casing at 2549'. We propose to plug and abandon well as follows:

Set cement retainer @ 2300' and squeeze production casing and open hole interval with 200 sacks of Class "C" cement. The 7" production casing will then be perforated at 600' and squeezed with 250 sacks of Class "C" cement. This volume should be sufficient to circulate cement to the surface between the 7" x 8 5/8" annulus while leaving the 7" casing full of cement. If circulation is not achieved, the 8 5/8" x 7" annulus will be filled with cement and if necessary a cement plug spotted from 40' to surface in the 7" production casing. All casing will be cut off 4' below surface and a dry hole marker installed. The BLM's Shannon Shaw has already reviewed and approved this proceedure.

BUREAU OF LAND MANAGEMENT
RECEIVED
FEB - 1 1995
DIST. 6
Carlsbad, New Mexico

14. I hereby certify that the foregoing is true and correct

Signed Karen Rosa Title KAREN ROSA ENGINEERING TECHNICIAN Date 1/30/95

(This space for Federal or State office use)

Approved by [illegible] Title PETROLEUM ENGINEER Date 2/28/95

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

***See Instruction on Reverse Side**

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM OIL CONS COMMISSION
Drawer DD
Artesia, NM 88210

CISF

FORM APPROVED
Budget Bureau No. 1004-0135
Expires March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
DEVON ENERGY OPERATING CORPORATION

3. Address and Telephone No.
20 NORTH BROADWAY, SUITE 1500, OKLAHOMA CITY, OKLAHOMA 73102 (405)552-4527

4. Location of Well (Footage. Sec., T., R., M., or Survey Description)
330' FNL & 1980' FWL, Unit C, Sec. 19-17S-31E

5. Lease Designation and Serial No.
LC-029395-A

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
NA

8. Well Name and No.
TURNER "A" #7

9. API Well No.
30-015-05236

10. Field and Pool, or Exploratory Area
Grayburg-Jackson SR-Q-G-SA

11. County or Parish, State
Eddy County, NM

CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
☐ Notice of Intent	☒ Abandonment	☐ Change of Plans
☒ Subsequent Report	☐ Recompletion	☐ New Construction
☐ Final Abandonment Notice	☐ Plugging Back	☐ Non-Routine Fracturing
	☐ Casing Repair	☐ Water Shut-Off
	☐ Altering Casing	☐ Conversion to Injection
	☐ Other ____	☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Set retainer @ 2296'. Dowell Slumberger pumped 10 bbls water down tbg @ 2.6 BPM @ 1000 psi. Pumped 20 sxs 12.8 ppg lead slurry, 180 sxs 14.8 ppg slurry. Disp w/4 bbls water. Waited 5 min. Disp 4 bbls water. Pulled stinger out of cmt retainer 8'. Reversed out 2 bbls cmt. Perf'd 4 SPF @ 595'-596'. DS tried to circ 8 5/8 x 7" annulus. Dug out cellar. 2" valve 6' down was plugged. Replaced. DS loaded 8 5/8 x 7" annulus w/9 bbls water until it came out around orange peel between 8 5/8 x 7". DS pumped 75 bbls lease water down 7" csg @ 4 BPM and 250 psi. Would not circ. Pumped 170 sxs 14.8 ppg slurry @ 3.8 BPM and 0 psi, 80 sxs 14.8 ppg slurry @ 3.8 BPM and 700 psi. Flushed w/10 bbls water. Tagged cmt 30'. ND BOP, RD PU. Clydes dug out cellar. Cut off csg 4' below surface. Welded on dry hole marker. Covered up cellar.

Approved as to plugging of the well bore.
Liability under bond is retained until
surface restoration is completed.

14. I hereby certify that the foregoing is true and correct

Signed Karen Rosa Title KAREN ROSA ENGINEERING TECHNICIAN Date 2/23/95

(This space for Federal or State office use)

Approved by (Orig. Signed By Shannon J. Shaw) Title PETROLEUM ENGINEER Date 2/28/95

Conditions of approval, if any:

Post IC-2
3-17-95

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

***See Instruction on Reverse Side**

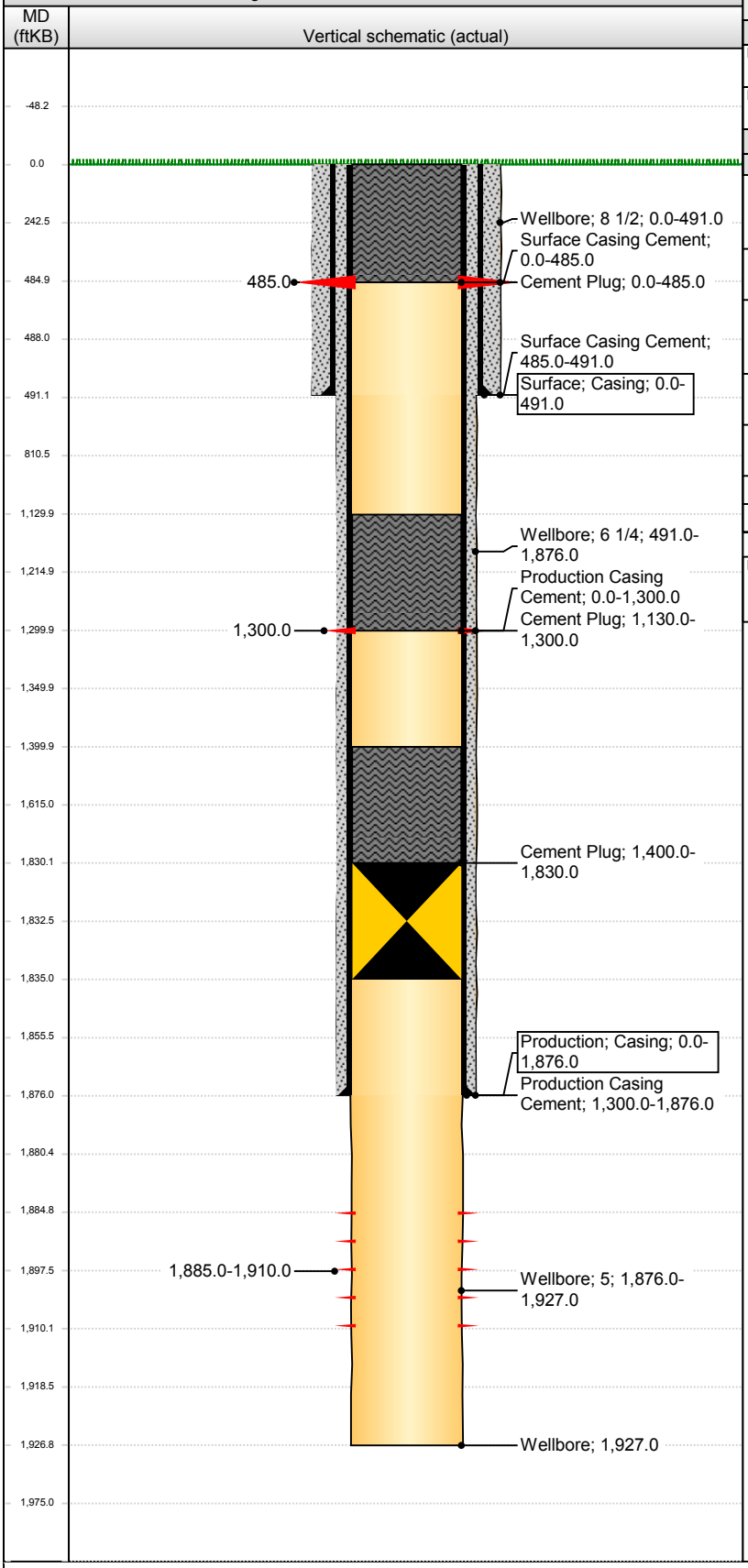
NM Sundry Schematic

Well Name: TURNER A 16

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
300150524100	PBNM - PB-GRAYBURG	Eddy	NM	19	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,613.00	3,613.00	0.00	3/2/1944	4/2/1944	4/2/1944			Yes

Original Hole, 12/17/2014 8:57:06 AM



Original Hole Data

Casing Strings

Run Date	Casing Description	Set Depth (ftKB)
3/2/1944	Surface	491.0
4/2/1944	Production	1,876.0

Cement Stages

Des	Top (ftKB)	Btm (ftKB)	Com
Surface Casing Cement	485.0	491.0	50 sx cement TOC @ ~485'
Surface Casing Cement	0.0	485.0	circulate cmt to top of surface casing
Production Casing Cement	1,300.0	1,876.0	100 sx cement TOC @ ~1300'
Production Casing Cement	0.0	1,300.0	circulate cmt to top of production casing
Cement Plug	1,400.0	1,830.0	spot 53 sx class H neat on top of CIBP
Cement Plug	0.0	485.0	
Cement Plug	1,130.0	1,300.0	

Other In Hole

Description	Top (ftKB)	Btm (ftKB)	OD (in)	Run Date	Comment
Bridge Plug - Permanent	1,830.0	1,835.0	5.012	6/20/1986	

Form 3160-5
(November 1983)
(Formerly 9-331)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

C/SF

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM OIL CONS. COMMISSION
Drawer DD
Artesia, NM 88210

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

5. LEASE DESIGNATION AND SERIAL NO.: LC 029395 (A)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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—" for such proposals.)

RECEIVED
JUL 11 1986
BUREAU OF LAND MANAGEMENT

RECEIVED
JUL 21 1986
O. C. D.
ARTESIA, OFFICE

1. OIL WELL [X] GAS WELL [ ] OTHER

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: ARCO Oil and Gas Company ✔

8. FARM OR LEASE NAME: Turner 'A'

3. ADDRESS OF OPERATOR: P. O. Box 1610, Midland, TX 79702

9. WELL NO.: 16

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1980' FNL & 660' FEL (Unit F)

10. FIELD AND POOL, OR WILDCAT: Fren Seven Rivers

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: 19-17S-31E

14. PERMIT NO: API #30-015-05241

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 3613 KB

12. COUNTY OR PARISH: Eddy

13. STATE: NM

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[X]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			
(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

6-20-86 RUPU. P&A'd as follows:

Plug	Cement	Interval	
1	53sx 'H' neat	1400-1830	Tagged CIBP @ 1830. SPot 53 sx 'H' neat.
2	150sx 'H' neat	1130-1300	Perfs @ 1300. CR @ 1190 w/60' cmt on top
3	197sx 'H' neat	0-485	Perfs @ 485. Cmt in & behind 5½" csg.

Installed dry hole marker. Well P&A'd 6-21-86

Post FD-2
8-1-86
P&A

18. I hereby certify that the foregoing is true and correct

SIGNED Ken W Gosnell TITLE Engr. Tech. Spec. 915-688-5672 DATE 7-10-86

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully [illegible]

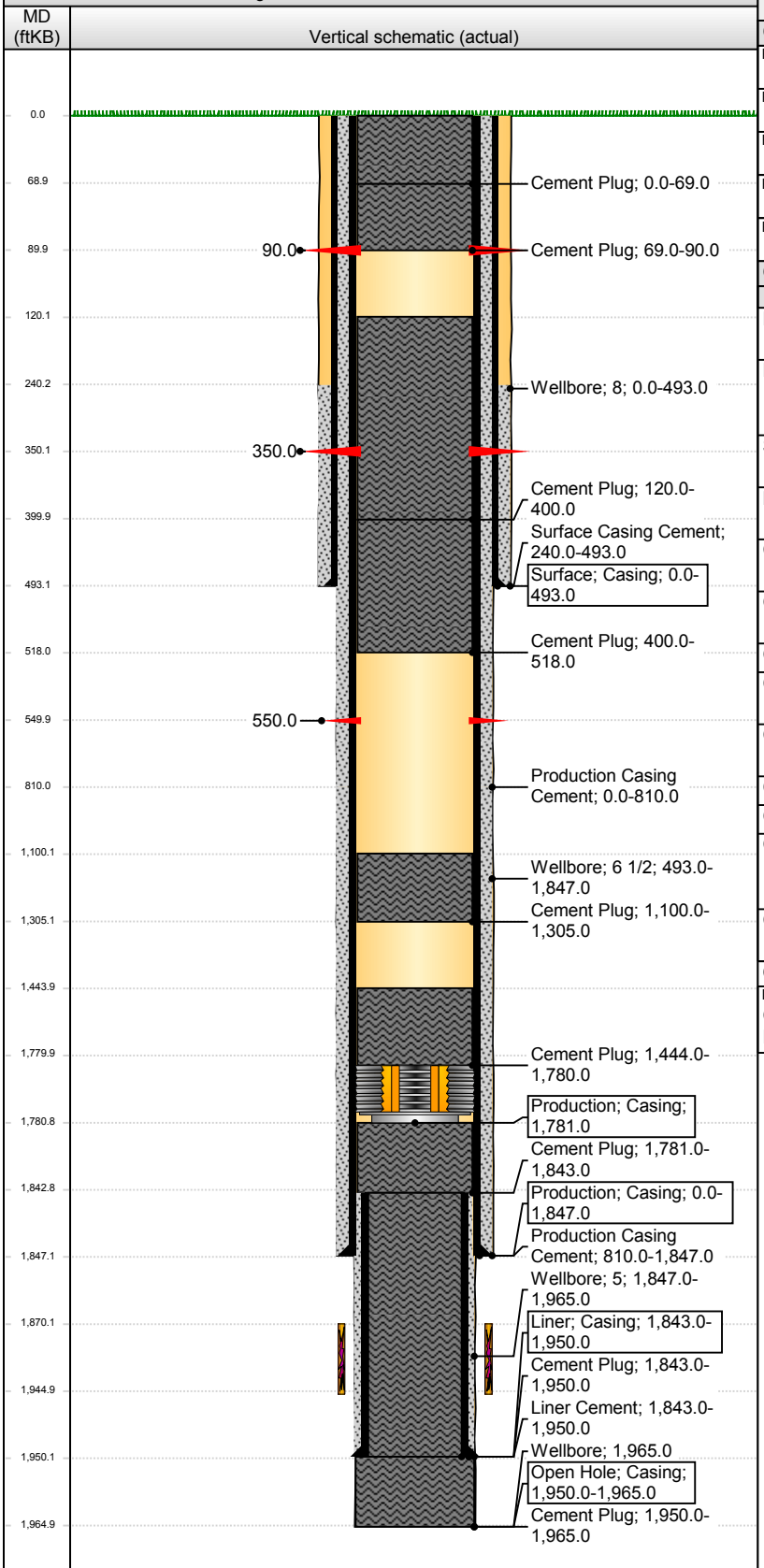
NM Sundry Schematic

Well Name: TURNER A 17

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
300150524200	PB-GRAYBURG	Eddy	NM	19	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,620.25	3,620.25	0.00	8/29/1944		10/24/1944			Yes

Original Hole, 12/17/2014 9:06:59 AM



Original Hole Data

Casing Strings

Run Date	Casing Description	Set Depth (ftKB)
	Surface	493.0
10/12/1985	Production	1,781.0
	Production	1,847.0
	Liner	1,950.0
10/12/1985	Open Hole	1,965.0

Cement Stages

Des	Top (ftKB)	Btm (ftKB)	Com
Production Casing Cement	810.0	1,847.0	100 sxs. cement. (TOC calculated)
Production Casing Cement	0.0	810.0	5 1/2 and 7" Annulus filled to surface from perf.
Surface Casing Cement	240.0	493.0	Cemented w/ 50 sxs. (TOC calculated)
Liner Cement	1,843.0	1,950.0	Cemented liner and open hole.
Cement Plug	1,843.0	1,950.0	Cemented open hole and liner.
Cement Plug	1,781.0	1,843.0	Cemented below retr.
Cement Plug	1,950.0	1,965.0	Cemented open hole
Cement Plug	1,444.0	1,780.0	dumped 35 sxs on top of retr.
Cement Plug	1,100.0	1,305.0	spot 25 sxs class H cmt.
Cement Plug	400.0	518.0	Spot cmt plug
Cement Plug	120.0	400.0	Spot cmt plug
Cement Plug	69.0	90.0	Spot cmt plug, casing did not stay full.
Cement Plug	0.0	69.0	Filled casing to surface.

Other In Hole

Description	Top (ftKB)	Btm (ftKB)	OD (in)	Run Date	Comment
Cement Retainer	1,780.0	1,781.0	4.2	10/12/1985	

Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE (Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

6/5F

5. LEASE DESIGNATION AND SERIAL NO.: LC 029395 (a)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Turner A

9. WELL NO.: 17

10. FIELD AND POOL, OR WILDCAT: Fren Seven Rivers

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: 19-17S-31E

12. COUNTY OR PARISH: Eddy

13. STATE: NM

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—" for such proposals.)

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: ARCO Oil & Gas Company - Division of Atlantic Richfield Company

3. ADDRESS OF OPERATOR: P.O. Box 1610, Midland, Texas 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface: 1980' FNL & 1980' FEL, (Unit G)

RECEIVED BY
APR 9 1986
O. C. D.
ARTESIA, OFFICE

14. PERMIT NO.: API 30-015-05242

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 3620 DF

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[X]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			
(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

10-12-85. MIRUPU. NU BOP. Set FBRC pkr @ 1781. Test annulus to 500#. EIR 1.5 BPM @ 1400#. Set CICR @ 1781. Cmt lnr & OH w/150 sx "H" neat. MxP 2500#. Dump 5 bbls cmt on CR. WOC. Tag TOC @ 1444. Displ hole w/MLF. Spot 25 sx "H" f/1305-1100. (B-salt). Set pkr @ 437. Perf 5-1/2" csg @ 550. EIR 2 BPM @ 650#. Pmpd 75 sx "H" neat down tbg. WOC. EIR 1/2 BPM @ 700#. Cmt perfs @ 550 w/100 sx "H", WOC 2.5 hrs. EIR 2 BPM @ 700#. Reqz w/100 sx "H". SION. Set pkr @ 530. EIR 1 BPM @ 500#. Sqz perfs w/150 "H" Neat. SION. Ran pipe rec lof f/514-surf. Ind cmt @ 400' & poss bridge @ 110: Spot cmt & plug f/518-400'. Perfd 5-1/2" @ 350. Unable to PI @ 750# Spott'd cmt plug f/400-120. Sqzd 2 bbls cmt into perf @ 350'. Perf'd 5-1/2" @ 90'. Est circ out 5-1/2" x 7" ann. ND BOP. Cmt'd w/50 sx "H" f/0-90' in and behind 5-1/2" csg. Ann stayed full but csg did not. SION. Tag TOC in csg @ 69'. Fill csg w/cmt to surf. CO WH. Set P&A marker. Cleaned & restored location.

18. I hereby certify that the foregoing is true and correct

SIGNED Ken W Gosnell TITLE Engr. Tech. Spec. 915 684-0312 DATE 12-13-85

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE 4-8-86

CONDITIONS OF APPROVAL, IF ANY:

Post ID-2
1-16-86
P&A

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

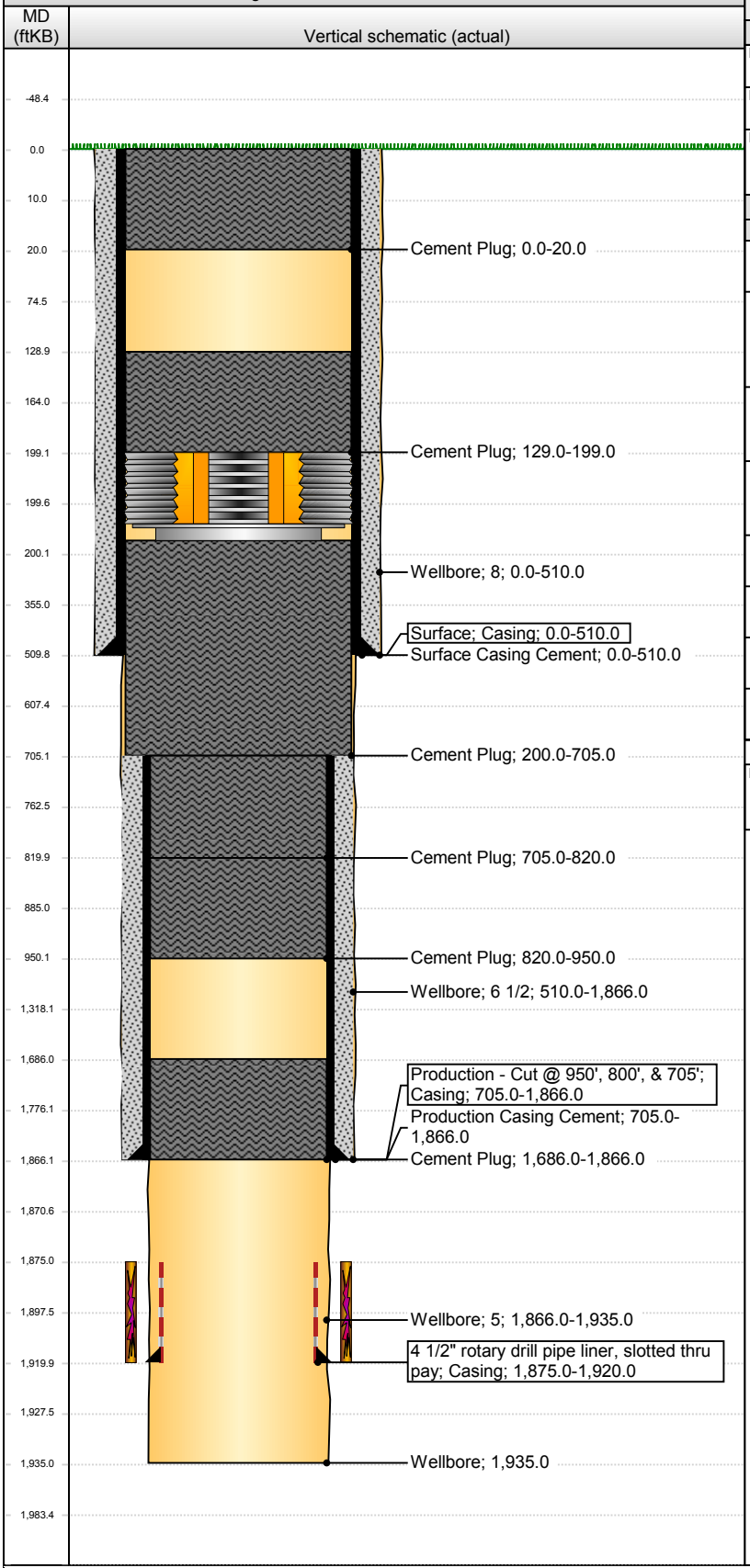
NM Sundry Schematic

Well Name: TURNER A 20

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
300150524500	PB-GRAYBURG	Eddy	NM	19	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,698.00	3,698.00	0.00	4/15/1948		6/6/1948			Yes

Original Hole, 12/17/2014 9:36:47 AM



Original Hole Data

Casing Strings

Run Date	Casing Description	Set Depth (ftKB)
	Surface	510.0
	Production - Cut @ 950', 800', & 705'	1,866.0
	4 1/2" rotary drill pipe liner, slotted thru pay	1,920.0

Cement Stages

Des	Top (ftKB)	Btm (ftKB)	Com
Surface Casing Cement	0.0	510.0	Cemented w/ 50 sxs. (TOC unknown)
Production Casing Cement	705.0	1,866.0	Cemented w/ 100 sxs cement. (TOC assumed to be cut-pull point)
Cement Plug	1,686.0	1,866.0	Cemented 180' at bottom of casing w/ 35 sxs.
Cement Plug	820.0	950.0	Spotted 45 sxs across casing cuts at 950, 800, and 705.
Cement Plug	705.0	820.0	cmt filled from retainer
Cement Plug	200.0	705.0	spotted 80 sxs cement below retr.
Cement Plug	129.0	199.0	Spotted 35 sxs on top of retr.
Cement Plug	0.0	20.0	Spotted 10 sxs at surface of well.

Other In Hole

Description	Top (ftKB)	Btm (ftKB)	OD (in)	Run Date	Comment
Cement Retainer	199.0	200.0	5 1/2	3/1/1976	

Copy to SF

(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

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—" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO.: LC 029395 (a)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1. OIL WELL [X] GAS WELL [ ] OTHER

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: Atlantic Richfield Company

8. FARM OR LEASE NAME: Turner "A"

3. ADDRESS OF OPERATOR: P. O. Box 1710, Hobbs, New Mexico 88240

9. WELL NO.: 20

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface: 2310' FNL & 990' FEL (Unit letter H)

10. FIELD AND POOL, OR WILDCAT: Fren 7Rivers

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: 19-T17S-R31E

RECEIVED
MAR 17 1977
O. C. C.
ARTESIA, OFFICE

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 3698' GR

12. COUNTY OR PARISH: Eddy

13. STATE: N.M.

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other) Plug & Abandon			[X]
(Other)			[ ]	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

1. Rigged up on 2/25/76. POH w/rods & pump. Installed BOP. POH w/tbg & MA. RIH w/2-3/8" OD EUE tbg OE & spotted 10 bbls heavy gelled mud in OH 1866-1935'.
2. Spotted 35 sx Cl H cmt & covered bottom 180' of 5½" OD casing 1686-1866' (180' cmt plug).
3. Stretched 5½" csg, free point indicated @ 1029'. Cut 5½" csg @ 950' & 800', csg stuck. Ran jet cutter & cut 5½" csg @ 705' & recovered.
4. RIH w/2-3/8" tbg OE & spotted 45 sx Cl H cmt across 1st, 2nd & 3rd cuts 950-705'. Tagged plug @ 820'.
5. RIH w/7" cmt retr, set @ 200'. Cmt squeezed thru retr w/80 sx Cl H cmt, FP 600#. PO retr & spotted 35 sx Cl H cmt on top of retr. Spotted heavy gelled mud between all cmt plugs.
6. Spotted 10 sx Cl H cmt @ surface. Installed regulation dry hole marker. Cleaned & levelled location. P&A eff 3/2/76. Final Report.

RECEIVED
MAR - 8 1976
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

18. I hereby certify that the foregoing is true and correct

SIGNED _____ TITLE Dist. Drlg. Supv. DATE 3/5/76

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

APPROVED
/s/ Joe G. Lara
ACTING DISTRICT ENGINEER

*See Instructions on Reverse Side

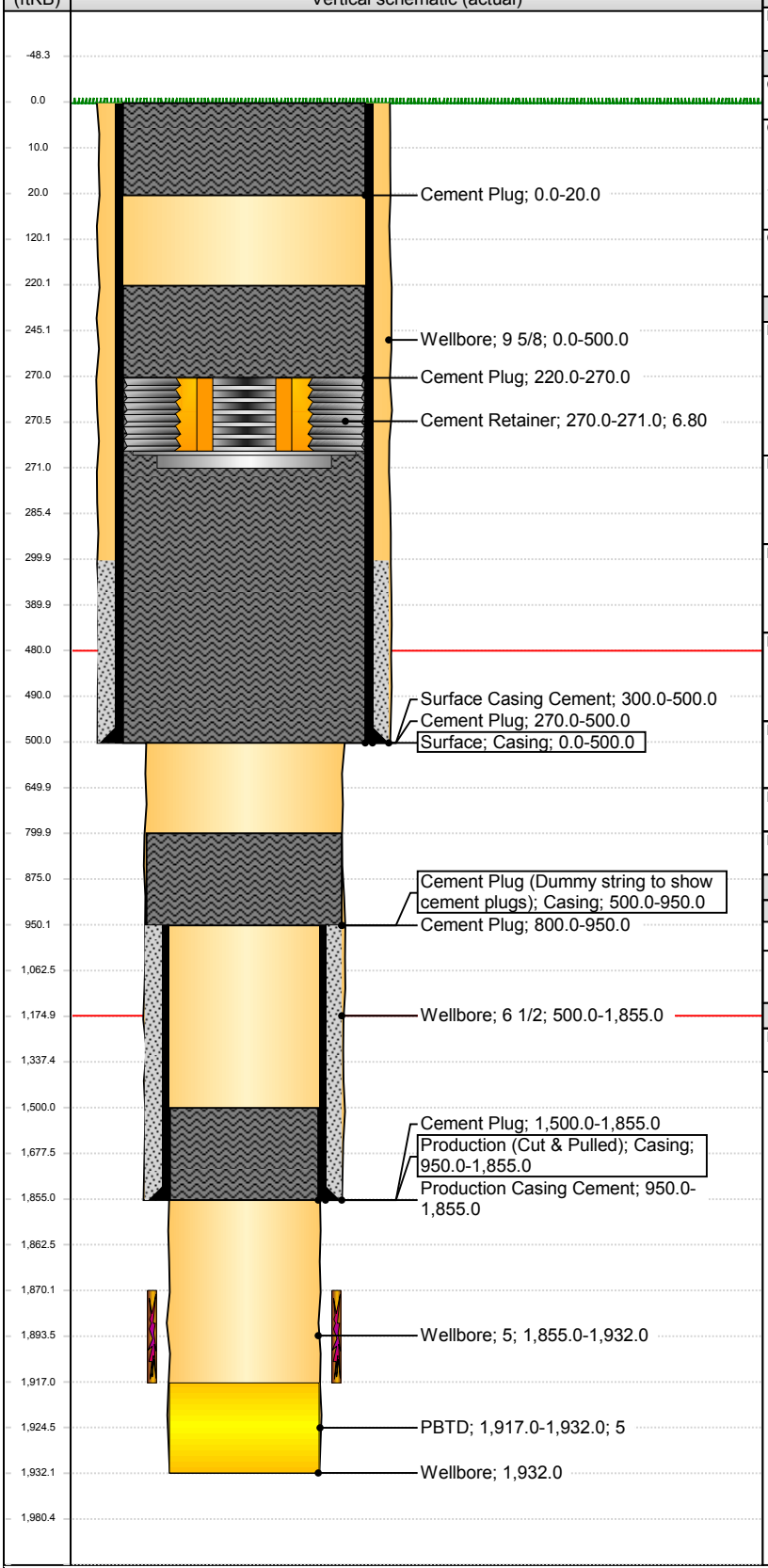
NM P&A Schematic

Well Name: TURNER A 21

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
300150524600	PB-GRAYBURG	Eddy	NM	19	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,614.00	3,614.00	0.00	10/10/1948		11/10/1948			Yes

Original Hole, 1/19/2015 6:50:41 AM



Original Hole Data

Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag
2,310.0	FNL	2,310.0	FEL

Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Surface	500.0	8 5/8	8.097	24.00	J-55	10/20/1948
Cement Plug (Dummy string to show cement plugs)	950.0	6 1/2	6 1/2			2/16/1976
Production (Cut & Pulled)	1,855.0	5 1/2	5.012	14.00	J-55	11/8/1948

Cement Stages

Description	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
Surface Casing Cement	300.0	500.0	Calculated	Cemented w/ 30 sxs TOC @ 300' (calc). Assume 1.32 cu ft/sx and 50% fillup
Production Casing Cement	950.0	1,855.0	Tag	Cemented w/ 75 sxs (TOC assumed to be free point)
Cement Plug	1,500.0	1,855.0	Tag	Spotted 100' plug across bottom of 5 1/2" casing. Tagged at 1500'
Cement Plug	800.0	950.0	Tag	Spotted 35 sxs cement across casing stub, failed once, plug tagged at 800'
Cement Plug	270.0	500.0		Spotted 200 sxs cement beneath retainer.
Cement Plug	220.0	270.0		15 sxs on top of retainer.
Cement Plug	0.0	20.0		10 sxs at surface.

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Com
PBTD	1,917.0	1,932.0	11/24/1975	
Cement Retainer	270.0	271.0	2/16/1976	

Formations

Formation	Final Top...	Final Btm...	Comment
Salt	480.0	1,175.0	

N. M. O. C. C. COPY

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.: LC 029395 (a)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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—" for such proposals.)

1. OIL WELL [X] GAS WELL [ ] OTHER

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: Atlantic Richfield Company

8. FARM OR LEASE NAME: Turner "A"

3. ADDRESS OF OPERATOR: P. O. Box 1710, Hobbs, New Mexico 88240

9. WELL NO.: 21

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 2310' FNL & 2310' FEL (Unit letter G)

10. FIELD AND POOL, OR WILDCAT: Fren-Seven Rivers

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: 19-17S-31E

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 3614' GR

12. COUNTY OR PARISH: Eddy

13. STATE: N.M.

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other) Plug & Abandon			[X]
(Other)			[ ]	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

1. Rigged up on 2/16/76. RIH w/2-3/8" tbg to 1855', spotted 35 sx Cl C cmt to cover bottom 100' of 5½" csg. No plug. Spotted 35 sx Cl C plug 1855-1500'. Tagged cmt plug @ 1500'.
2. Filled hole w/heavy gelled mud between all cmt plugs.
3. Stretch on 5½" csg indicated free pt @ 950'. Shot csg @ 950' & POH w/950' of 5½" csg.
4. Spotted 35 sx Cl H cmt (100' plug) across 5½" csg stub @ 950'. No plug. Pmpd cotton hulls & 60 BBW. Spotted 35 sx Cl H cmt across 5½" csg stub @ 950'. Tagged cmt plug @ 800'. After WOC, pmpd 12 sx cotton seed hulls & 12 sx SW gel, no circ.
5. RIH w/8-5/8" cmt retr on 2-3/8" tbg, set retr @ 270'. Squeezed thru retr w/200 sx Cl H cmt. MP 800#. PO of retr & dumped 15 sx cmt on top of retr.
6. Spotted 10 sx Cl H cmt plug @ surface. Installed regulation dry hole marker. Cleaned & leveled location. P&A effective 2/24/76. Final Report.

RECEIVED
MAR 16 1976
ARTESIA, NEW MEXICO

RECEIVED
MAR - 1 1976
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

18. I hereby certify that the foregoing is true and correct

SIGNED [signature] TITLE Dist. Drlg. Supv. DATE 2/27/76

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

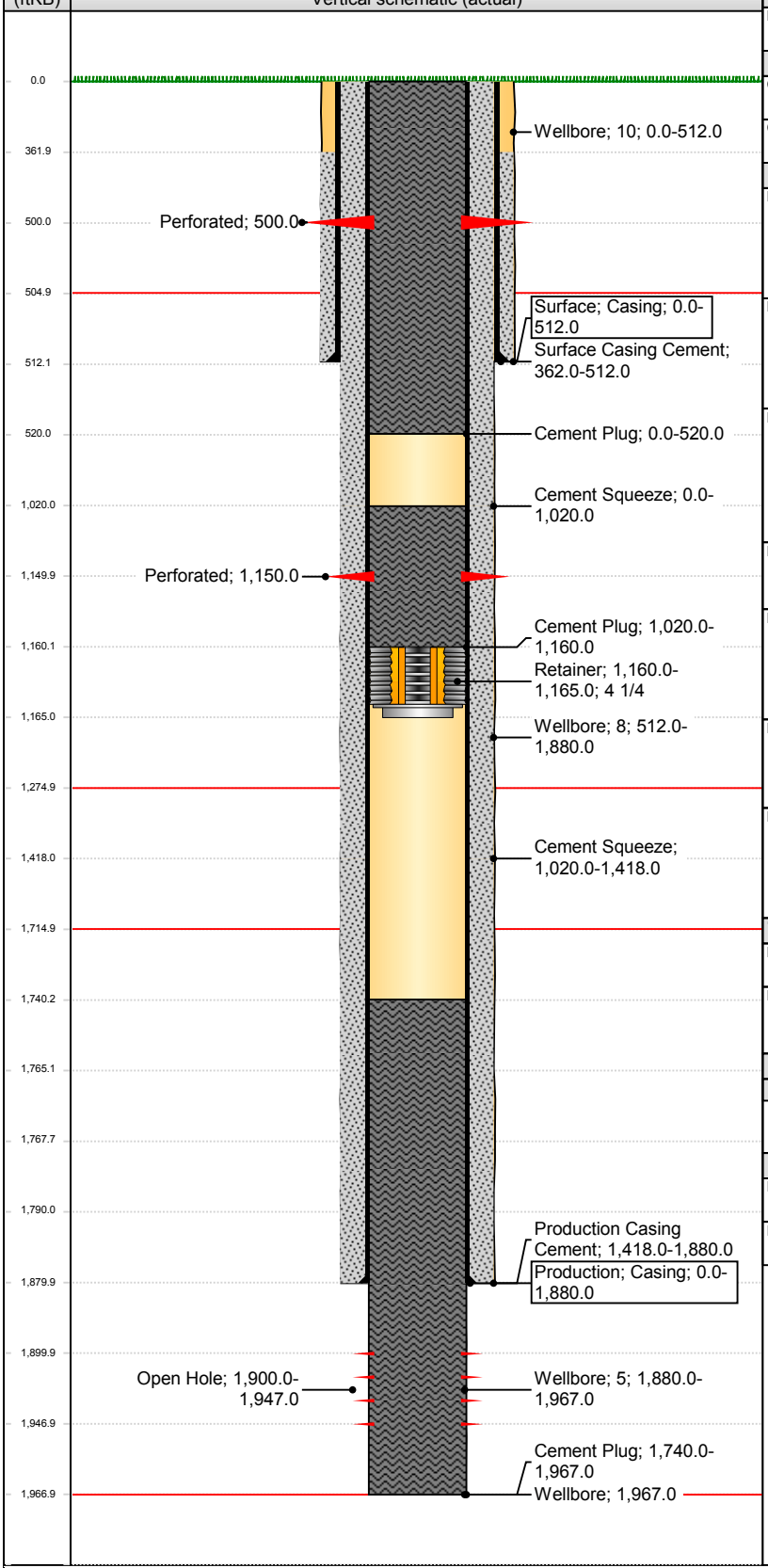
NM Regulatory Schematic

Well Name: TURNER A 23

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
300150524800	PBNM - PB-GRAYBURG	Eddy	NM	19	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,670.00	3,670.00	0.00	11/23/1948	12/30/1948	12/30/1948			Yes

Original Hole, 1/12/2015 3:10:38 PM



Original Hole Data

Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag
660.0	FNL	660.0	FEL

Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Surface	512.0	8 5/8	8.017	28.00	H-40	11/29/1948
Production	1,880.0	5 1/2	5.012	14.00	H-40	12/21/1948

Cement Stages

Prop Drill Out?	Des	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
No	Surface Casing Cement	362.0	512.0	Calculated	Cemented w/ 25 sx. TOC @ 362' (calc). Assumes 1.32 cu ft/sx and 50% fillup.
No	Production Casing Cement	1,418.0	1,880.0	Calculated	Cemented w/ 100 sx. TOC @ 1418' (calc). Assumes 1.32 cu ft/sx and 50% fillup.
Yes	Cement Plug	0.0	520.0	Tag	Squeezed 270 sx cmt thru perf @ 520' and circ to surface. PROPOSED: DRILL OUT
No	Cement Squeeze	0.0	1,020.0	Tag	Perf @ 500' Sqz w/ 270 sx cmt
Yes	Cement Plug	1,020.0	1,160.0	Tag	Squeezed 150 sx cmt thru perf @ 1150'. PROPOSED: DRILL OUT
No	Cement Squeeze	1,020.0	1,418.0		Perf @ 1150' Sqz w/150 sx cmt thru perf
Yes	Cement Plug	1,740.0	1,967.0	Tag	Set cement plug w/ 180 sx from 1740'-1967'. PROPOSED: DRILL OUT

Tubing Components

Prop Run?	Item Description	OD (in)	ID (in)	Wt (lb/ft)	Length (ft)
Yes	IPC Tubing	2 3/8	2.041	4.00	1,765.00
Yes	Arrowset-1X (NP) Pkr w/ On/off Tool	4 1/2			2.75

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Com
Retainer	1,160.0	1,165.0	9/3/1986	PROPOSED: DRILL OUT

Formations

Formation	Final Top...	Final Btm...	Comment
Salt	505.0	1,275.0	
Seven Rivers	1,715.0	1,967.0	PROPOSED: INJECTION INTERVAL

Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

CISF

5. LEASE DESIGNATION AND SERIAL NO.: LC 029395 (a)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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—" for such proposals.)

1. OIL WELL [X] GAS WELL [ ] OTHER

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: ARCO Oil and Gas Company ✓

8. FARM OR LEASE NAME: Turner "A"

3. ADDRESS OF OPERATOR: P. O. Box 1610, Midland, Texas 79702

9. WELL NO.: 23

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 660' FNL & 660' FEL (Unit A)

RECEIVED
MAY 11 1987
O. C. D.
ARTESIA, OFFICE

10. FIELD AND POOL OR WILDCAT: Fren Seven Rivers

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: 19-17S-31E

14. PERMIT NO: 30-015-05248

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 3670 DF

12. COUNTY OR PARISH: Eddy

13. STATE: NM

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF [ ]	PULL OR ALTER CASING [ ]	WATER SHUT-OFF [ ]	REPAIRING WELL [ ]
FRACTURE TREAT [ ]	MULTIPLE COMPLETE [ ]	FRACTURE TREATMENT [ ]	ALTERING CASING [ ]
SHOOT OR ACIDIZE [ ]	ABANDON* [ ]	SHOOTING OR ACIDIZING [ ]	ABANDONMENT* [X]
REPAIR WELL [ ]	CHANGE PLANS [ ]	(Other) [ ]	
(Other)		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

RU PU 9-3-86. P&A'd as follows:

Plug	Interval	Cmt	Remarks
1	1740-1967	180 sx	CICR @ 1770 w/40' cmt. (OH-Plug)
2	1020-1150	150 sx	Perf @ 1150. CR @ 1060 w/40' cmt (B-Salt)
3	0-500'	270 sx	Perf @ 500'. Cmt in & behind 5-1/2" csg. (T-Salt, Shoe, Surf)

Installed P&A marker. Well P&A'd 10-2-86.

18. I hereby certify that the foregoing is true and correct

SIGNED Kess W Gosnell TITLE Engr. Tech. Spec. 915-688-5672 DATE 12-8-86

(This space for Federal or State office use)

APPROVED BY Acting Area Manager TITLE DATE 3-10-87

CONDITIONS OF APPROVAL, IF ANY:

Post ID-2
12-19-86
MA

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

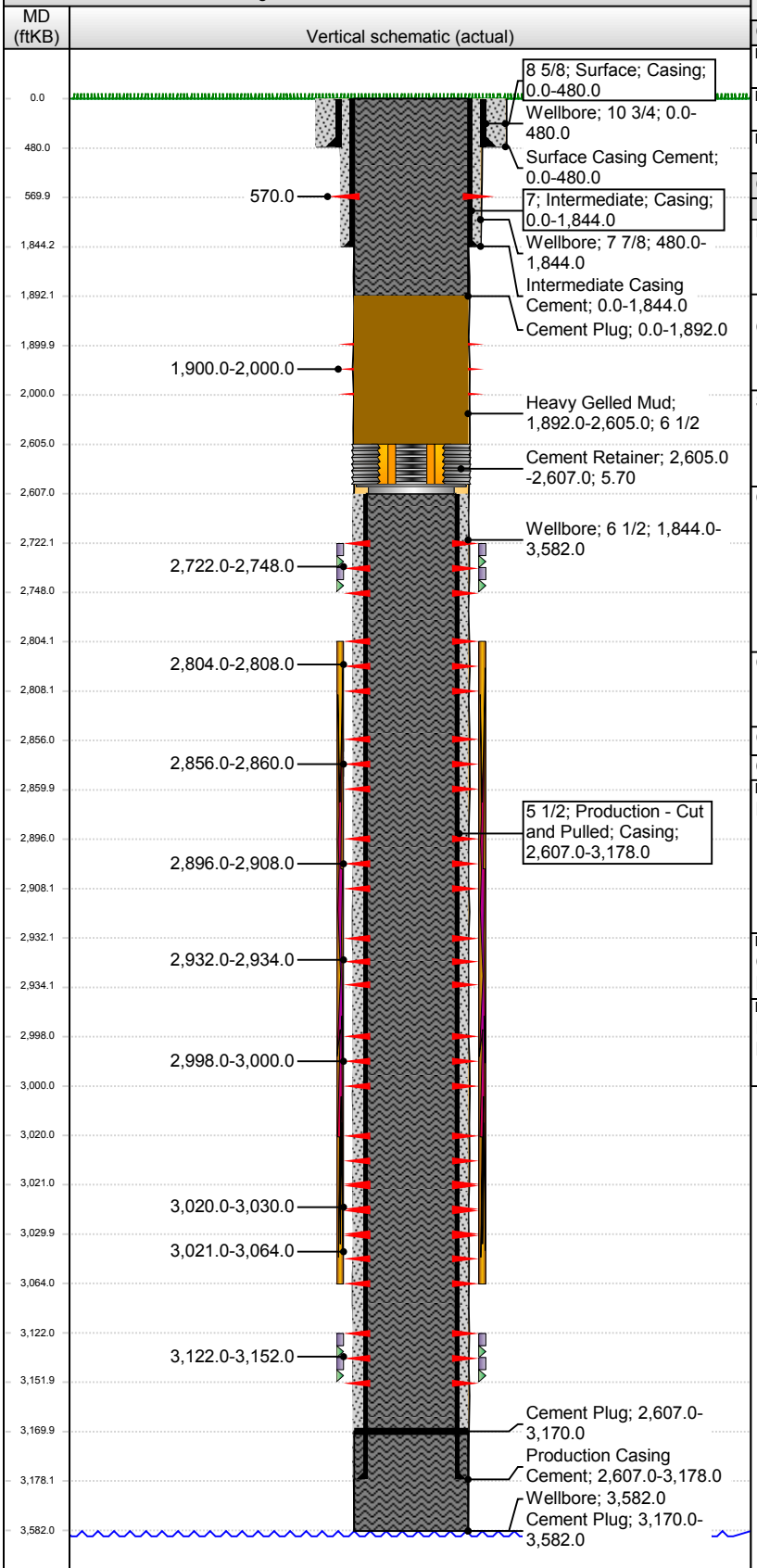
NM Sundry Schematic

Well Name: FREN OIL CO 4

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
300150525200	PB-GRAYBURG	Eddy	NM	19	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,609.00	3,609.00	0.00	12/8/1943	1/15/1944	1/15/1944			Yes

Original Hole, 12/8/2014 9:52:09 AM



Original Hole Data

Casing Strings

Run Date	Casing Description	Set Depth (ftKB)
12/15/1943	Surface	480.0
1/15/1943	Intermediate	1,844.0
12/1/1958	Production - Cut and Pulled	3,178.0

Cement Stages

Des	Top (ftKB)	Btm (ftKB)	Com
Production Casing Cement	2,607.0	3,178.0	85 sx cmt. TOC @ 2607' (calc)
Intermediate Casing Cement	0.0	1,844.0	100 sx cmt cmt to surface upon P&A
Surface Casing Cement	0.0	480.0	60 sx cmt cmt to surface upon P&A
Cement Plug	0.0	1,892.0	spotted 312' cmt plug inside 7" casing from 1580'-1892' Then pumped 130 sx cmt to surface thru perfs and casing
Cement Plug	2,607.0	3,170.0	Dumped 150 sxs cement below retainer.
Cement Plug	3,170.0	3,582.0	PBTD

Other In Hole

Description	Top (ftKB)	Btm (ftKB)	OD (in)	Run Date	Comment
Note					Well was shot from 1900'-2000' with 320 qts solid nitroglycerin in 1944. Well was then drilled deeper in 1958
Cement Retainer	2,605.0	2,607.0	5.7	7/5/1977	
Heavy Gelled Mud	1,892.0	2,605.0	6 1/2	7/5/1977	Spotted heavy gelled mud between all cement plugs

C-SF

Form 9-331
(May 1963)

NMOCC COPY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.: LC 031844

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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—" for such proposals.)

RECEIVED
AUG 8 1979
O. C. C.
ARTESIA, OFFICE

1. OIL WELL [X] P&A GAS WELL [ ] OTHER

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: Atlantic Richfield Company

8. FARM OR LEASE NAME: Fren Oil Company

3. ADDRESS OF OPERATOR: P. O. Box 1710, Hobbs, New Mexico 88240

9. WELL NO.: 4

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface: 1980' FSL & 660' FEL (Unit letter I)

10. FIELD AND POOL, OR WILDCAT: Grayburg Jackson OGSA

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: 19-17S-31E

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 3609' GR

12. COUNTY OR PARISH: Eddy

13. STATE: N.M.

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other) Plug & Abandon			[X]
(Other)			[ ]	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

RU 7/5/77, POH w/2-3/8" tbg. RIH w/7" CI retainer, set retr @ 2607'. Pmpd 150 sx cmt below retr. MP 2000#. Spotted 312' cmt plug inside 7" csg 1892-1580'. Tagged cmt plug w/tbg @ 1580' FS. Perf'd 7" csg w/4 JS @ 570'. Swaged top of 7" csg. Pmpd 120 sx cmt down 7" csg & displaced cmt to 370'. Spotted 10 sx cmt in top of 7" csg. Spotted heavy gelled mud between all cmt plugs. Installed regulation dry hole marker, cleaned & leveled location. Well P&A eff 7/8/77.

RECEIVED
JUL 28 1977
U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

18. I hereby certify that the foregoing is true and correct

SIGNED [signature] TITLE Dist. Drlg. Supt. DATE 7/26/77

(This space for Federal or State office use)

APPROVED BY [signature] TITLE ACTING DISTRICT ENGINEER DATE AUG 7 - 1979

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

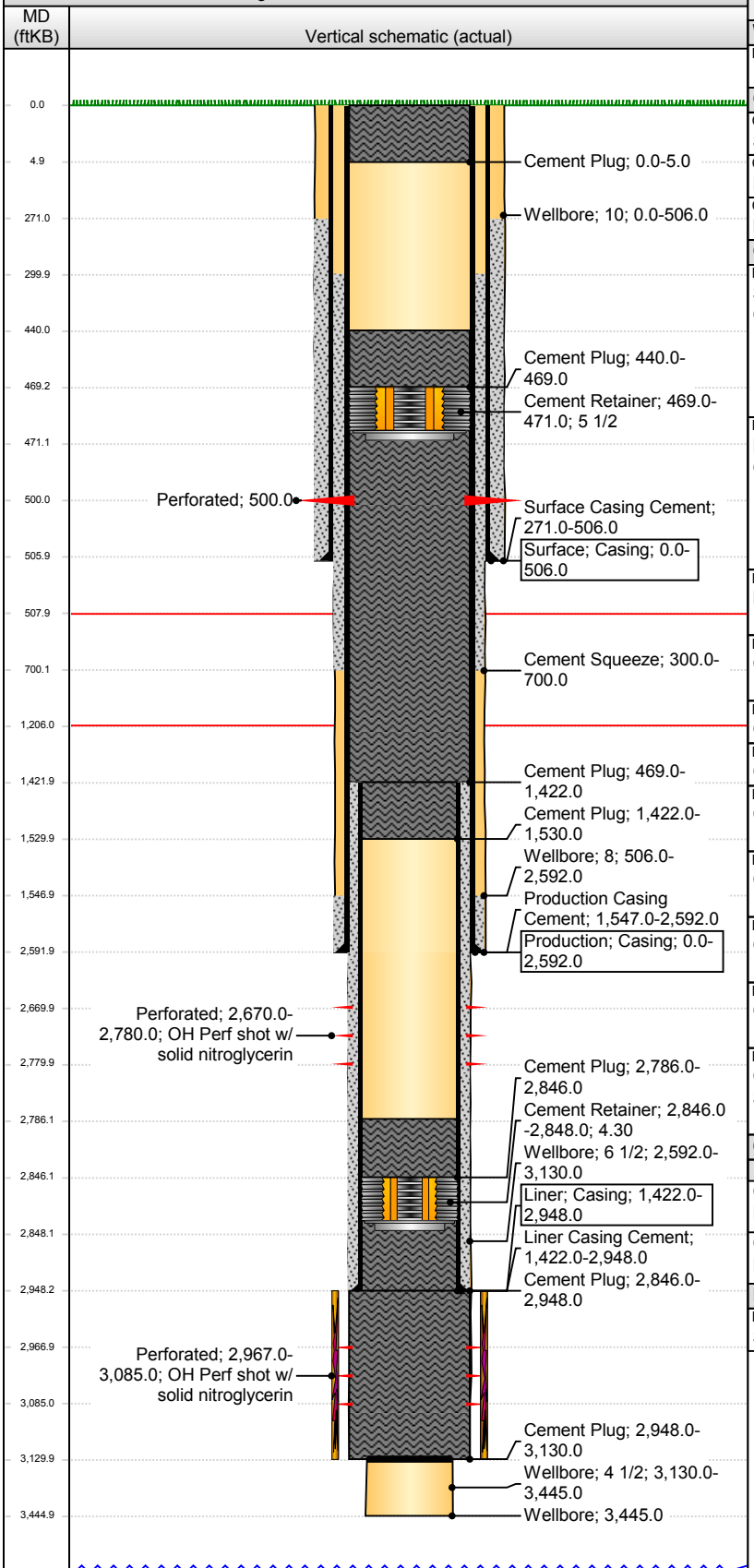
NM P&A Schematic

Well Name: FREN OIL CO 9

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
300150525700	PB-GRAYBURG	Eddy	NM	19	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,611.00	3,611.00	0.00	2/6/1947	4/25/1947	4/8/1947			Yes

Original Hole, 1/19/2015 9:05:14 AM



Original Hole Data

Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag
2,310.0	FSL	330.0	FEL

Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Surface	506.0	8 5/8	8.097	24.00	J-55	2/6/1947
Production	2,592.0	7	6.456	20.00	J-55	4/8/1947
Liner	2,948.0	5 1/2	5.012	14.00	J-55	7/29/1976

Cement Stages

Description	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
Surface Casing Cement	271.0	506.0	Calculated	Cemented w/ 50 sxs of cmt. TOC @ 271' (calc). Assume 1.32 cu ft/sx and 50% fillup
Production Casing Cement	1,547.0	2,592.0	Calculated	Cemented w/ 130 sxs of cmt. TOC @ 1547' (calc). Assume 1.32 cu ft/sx and 50% fillup
Liner Cement	1,422.0	2,948.0	Tag	Cemented w/ 125 sxs of cmt.
Cement Plug	2,846.0	2,948.0	Tag	100 sxs. cement below retainer.
Cement Plug	1,422.0	1,530.0	Tag	Spotted 108' cement.
Cement Plug	2,786.0	2,846.0	Tag	60' cement on top of ret.
Cement Plug	440.0	469.0	Tag	Spotted on top of retainer.
Cement Plug	469.0	1,422.0	Tag	Pmpd 130 sxs below retainer.
Cement Plug	0.0	5.0	Returns to Surface	10 sxs cement spotted at surface.
Cement Plug	2,948.0	3,130.0	Tag	100 sxs. cement below retainer.
Cement Squeeze	300.0	700.0		Cement squeezed through 500' perfs (TOC unknown)

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Com
Cement Retainer	2,846.0	2,848.0	11/17/1976	
Cement Retainer	469.0	471.0	11/17/1976	

Formations

Formation	Final Top...	Final Btm...	Comment
Salt	508.0	1,206.0	

N. M. O. C. C. Copy

C-SF

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.: LC-031844

6. IF INDIAN, ALLOTTEE OR TIBE NAME:

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—" for such proposals.)

RECEIVED
JUL 13 1979
O. C. C.
ARTESIA, OFFICE

1. OIL WELL [X] GAS WELL [ ] OTHER

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: Atlantic Richfield Company ✓

8. FARM OR LEASE NAME: Fren Oil Company

3. ADDRESS OF OPERATOR: P. O. Box 1710, Hobbs, New Mexico 88240

9. WELL NO.: 9

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 2310' FSL & 330' FEL (Unit letter I)

10. FIELD AND POOL, OR WILDCAT: Grayburg Jackson (QGSA)

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: 19-17S-31E

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 3611' DF

12. COUNTY OR PARISH: Eddy

13. STATE: N.M.

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[X]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			
(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

Rigged up, killed well, installed BOP & POH w/completion assy. RIH w/5½" cmt retr, set retr @ 2846'. Pmpd 100 sx Cl C Neat cmt below retr. MP 1600#. PO of retr & spotted cmt 2846-2786'. Circ hole w/heavy gelled mud. Spotted 108' Cl C cmt plug across 5½" liner top @ 1530' to 1422' inside 7" csg. Perf'd 7" OD csg @ 500' w/4 JS. RIH w/7" cmt retr, set @ 469' & pmpd 130 sx Cl C Neat below retr, PO of retr & spotted cmt on top of retr 469-440', MP 550#. Spotted 10 sx cmt @ surface & installed regulation dry hole marker, cleaned & leveled location. USGS & BLM to be notified when location is ready for final inspection. P&A eff 11/17/76.

RECEIVED
DEC 2 1976
U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

18. I hereby certify that the foregoing is true and correct

SIGNED [signature] TITLE Dist. Drlg. Supt. DATE 11/30/76

(This space for Federal or State office use)

APPROVED BY [signature] TITLE ACTING DISTRICT ENGINEER DATE JUL 11 1979

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

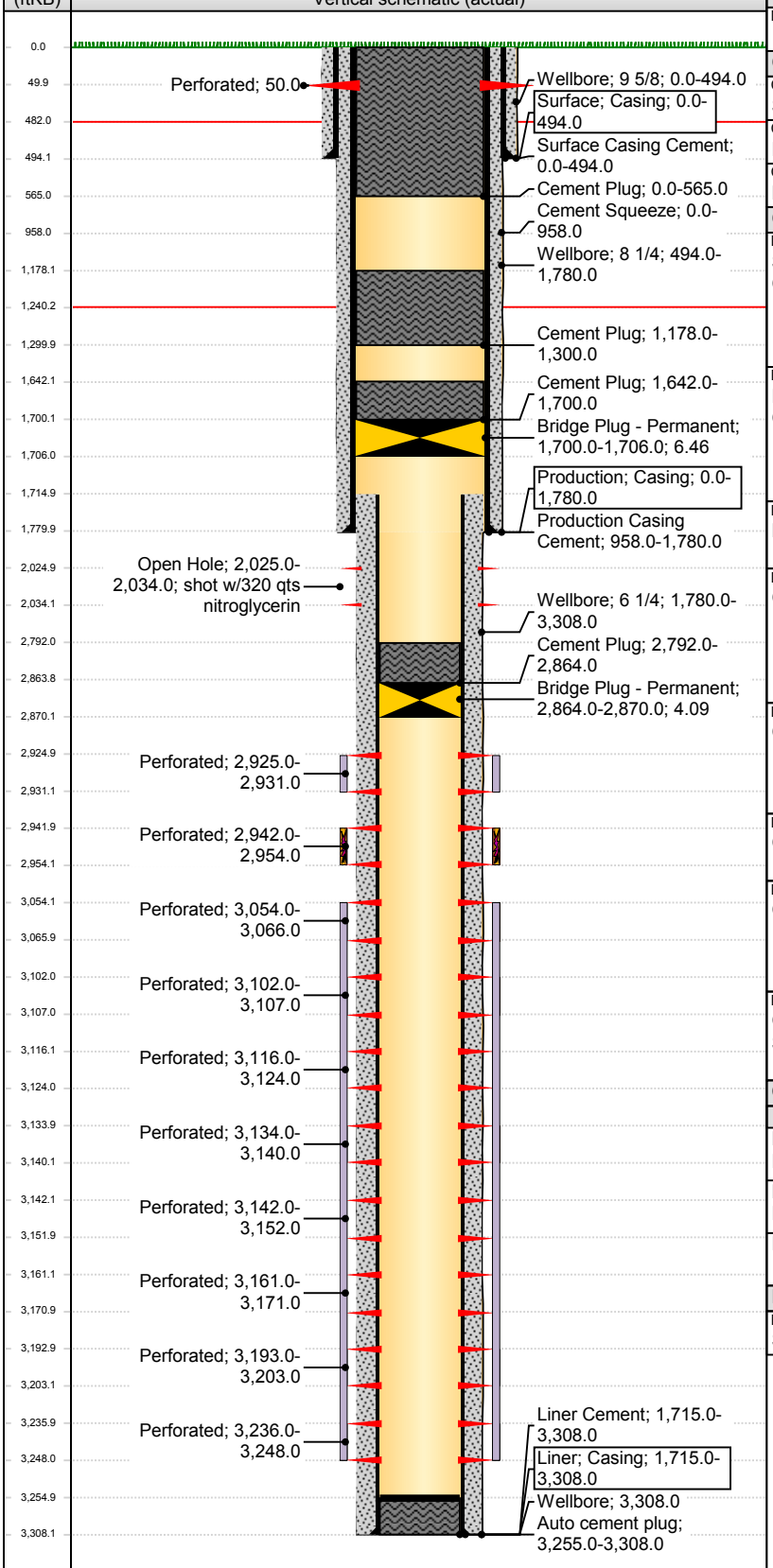
NM P&A Schematic

Well Name: FREN OIL CO 10

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
300150525800	PBNM - PB-GRAYBURG	Eddy	NM	19	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,601.00	3,601.00	0.00	1/5/1947	1/31/1947	1/28/1947			No

Original Hole, 1/19/2015 8:08:50 AM



Original Hole Data

Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag
990.0	FSL	350.0	FEL

Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Surface	494.0	8 5/8	8.097	24.00	J-55	1/5/1947
Production	1,780.0	7	6.456	20.00	J-55	1/28/1947
Liner	3,308.0	4 1/2	4.09	9.50	J-55	12/23/1963

Cement Stages

Description	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
Surface Casing Cement	0.0	494.0	Calculated	75 sx cmt TOC @ surface (calc). Assume 1.32 cu ft/sx and 50% fillup
Production Casing Cement	958.0	1,780.0	Calculated	130 sx cmt TOC @ 958' (calc). Assume 1.32 cu ft/sx and 50% fillup
Liner Cement	1,715.0	3,308.0	Tag	225 sx cmt. TOC @ liner top
Cement Plug	2,792.0	2,864.0	Calculated	cap 4 1/2" CIBP w/ 5 sx cmt TOC @ 2792' (calc). Assume 1.32 cu ft/sx
Cement Plug	1,642.0	1,700.0	Calculated	cap 7" CIBP w/10 sx cmt TOC @ 1642' (calc). Assume 1.32 cu ft/sx
Cement Plug	1,178.0	1,300.0	Tag	Spot cement plug 1178'-1300'
Cement Plug	0.0	565.0	Returns to Surface	Spot cmt plug 492'-565'. Then spotted 20 sx on top of plug and circulated cmt to surface
Cement Squeeze	0.0	958.0	Returns to Surface	Circulated cement through 7"-8 5/8" annulus to surface from 50' perfs

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Com
Bridge Plug - Permanent	2,864.0	2,870.0	11/20/2001	Capped w/5 sx cmt
Bridge Plug - Permanent	1,700.0	1,706.0	11/20/2001	Capped w/10 sx cmt
Note			11/20/2001	9.5 ppg mud spotted between cement plugs

Formations

Formation	Final Top...	Final Btm...	Comment
Salt	482.0	1,240.0	

N.M. Oil Cons. Div.
1625 N. French Dr.

Form 3160-5
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

5. Lease Serial No.
LC-031844

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA/Agreement, Name and/or No.
NA

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
Fren Oil Company #10

2. Name of Operator
Devon Energy Production Co., L P

9. API Well No.
30-015-05258

3a. Address
20 N. Broadway, Suite 1500, Okla City, OK 73102

3b. Phone No. *(include area code)*
(405)552-4528

10. Field and Pool, or Exploratory Area
Grayburg-Jackson Field

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
990' FSL & 330' FEL of Section 19-T17S-R31E Unit P

11. County or Parish, State
Eddy County,
New Mexico

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/ Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☒ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Permanently Plugged and Abandoned As Follows:

11/19/01 - POOH with rods and tubing and LD. Clean out 7" casing and 4 1/2" liner to 2,927' with bit and scraper.
11/20/01 - Set 4 1/2" CIBP at 2,864' and cap with 5 sxs cement.
Set 7" CIBP at 1,700' and cap with 10 sxs cement.
Spot cement plug 1,200'-1,300' (base of salt at 1,240').
Spotted cement plug 450'-565' (surface casing shoe at 494').
Shot four holes in 7" production casing at 50'. Established circulation in 7"- 8 5/8" annulus.
RIH and attempt to tag plug at 450', didn't tag. RIH to 1,300' to tag plug, didn't tag.
Spotted cement plug 1,200'- 1,300'. WOC.
11/21/01 - RIH and tagged plug at 1,178'.
Spotted cement plug 450'- 565'. WOC. Tagged plug at 492'. Spotted an additional 20 sxs on top of plug.
Establish circulation in 7"- 8 5/8" annulus. Circulated cement to surface in 7"- 8 5/8" annulus and 7" casing.
Cut casing off 3' below ground level, set dry hole marker, covered pit and cleaned up location.
NOTE: 9.5 ppg mud spotted between cement plugs.

14. I hereby certify that the foregoing is true and correct
Name *(Printed/Typed)*
Charles H. Carleton

Post PWA

Title
Senior Engineering Technician

Signature
Charles H Carleton

Date
11/26/2001

ACCEPTED FOR RECORD

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

LES BABYAK
PETROLEUM ENGINEER

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

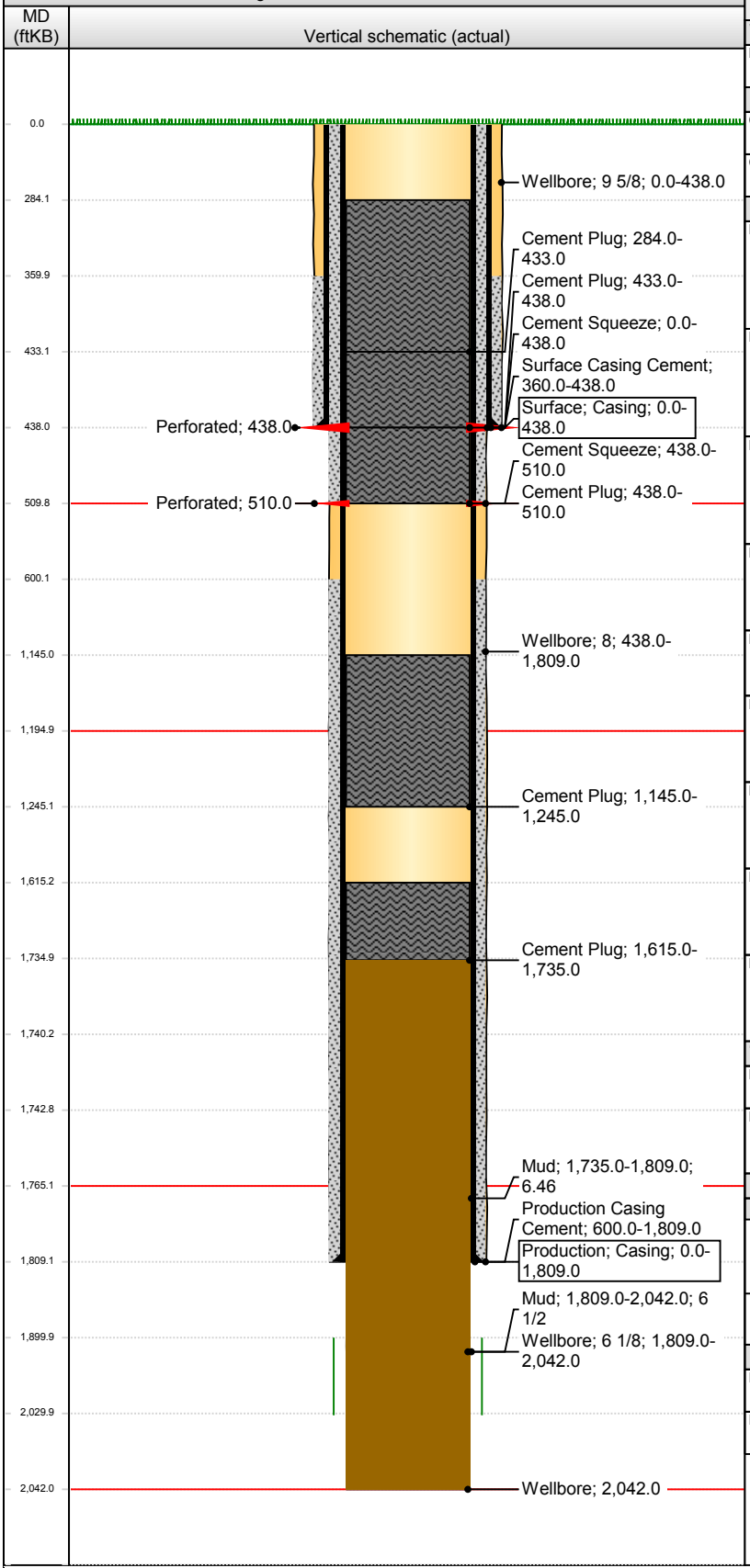
NM Regulatory Schematic

Well Name: FREN OIL CO 11

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
3001505259	PBNM - PB-GRAYBURG	Eddy	NM	19	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,609.00	3,609.00	0.00	5/4/1947		6/3/1947	32° 49' 8.976" N	103° 54' 4.176" W	Yes

Original Hole, 1/12/2015 8:43:50 AM



Original Hole Data

Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag
2,310.0	FSL	430.0	FEL

Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Surface	438.0	8 5/8	8.097	24.00	J-55	5/12/1947
Production	1,809.0	7	6.456	20.00	H-40	5/27/1947

Cement Stages

Prop Drill Out?	Des	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
	Surface Casing Cement	360.0	438.0	Calculated	Cemented w/ 50 sx. TOC @ 360' (calc). Assumes 1.32 cu ft/sx and 50% fillup.
	Production Casing Cement	600.0	1,809.0	Calculated	Cemented w/ 130 sx. TOC @ 600' (calc). Assumes 1.32 cu ft/sx and 50% fillup.
Yes	Cement Plug	1,615.0	1,735.0	Tag	Circ hole w/ 9.5 ppg mud. Spot plug w/ 25 sx cmt @ 1735'. Tagged @ 1615'.
Yes	Cement Plug	1,145.0	1,245.0	Calculated	Spot plug w/ 25 sx cmt @ 1245'. TOC @ 1145' (calc).
No	Cement Squeeze	438.0	510.0		Perf csg @ 510'. Sqz 35 sx cmt.
Yes	Cement Plug	438.0	510.0	Tag	Perf csg @ 510'. Sqz 35 sx cmt. Tag @ 438'.
No	Cement Squeeze	0.0	438.0	Calculated	Perf csg @ 438'. Sqz 70 sx cmt. TOC @ surface (calc).
Yes	Cement Plug	433.0	438.0	Tag	Perf csg @ 438'. Sqz 70 sx cmt. Tag @ 433'.
Yes	Cement Plug	284.0	433.0	Calculated	Spot plug w/ 25 sx cmt @ 433'. TOC @ 284' (calc).

Tubing Components

Prop Run?	Item Description	OD (in)	ID (in)	Wt (lb/ft)	Length (ft)
Yes	Tubing	2 3/8	1.995	4.60	1,740.00
Yes	Arrowset-1X (NP) Pkr w/ On/Off Tool	7			2.75

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Com
Mud	1,735.0	1,809.0	9/14/2004	Circulated hole w/9.5 ppg mud. PROPOSED: CLEAN OUT
Mud	1,809.0	2,042.0	9/14/2004	PROPOSED: CLEAN OUT

Formations

Formation	Final Top...	Final Btm...	Comment
Salt	510.0	1,195.0	
Seven Rivers	1,765.0	2,042.0	PROPOSED: INJECTION INTERVAL

OCD-ARTESIA

Form 3160-5
(April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

RECEIVED
JAN 30 2006
OCD-ARTESIA

5. Lease Serial No.
LC031844

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well
☐ Oil Well ☑ Gas Well ☐ Other

8. Well Name and No.
Fren Oil Company Well No. 11

2. Name of Operator
Merit Energy Company

9. API Well No.
30-015-05259

3a. Address
13727 Noel Road, Suite 500, Dallas, Texas 75240

3b. Phone No. *(include area code)*
972-628-1610

10. Field and Pool, or Exploratory Area
Grayburg-Jackson

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
2310' FSL & 430' FEL, Sec. 19, T-17-S, R-31-E

11. County or Parish, State
Eddy County, New Mexico

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☑ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☑ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

9/14/2004 - Drove crew to Hobbs. Moved rig & equipment to location near Artesia.
9/22/2004 - MIRU, NUBOP, RU Tongs. RIH w/tubing to 180', RU pump truck & cementer. SDFN, drove crew to Hobbs.
9/23/2004 - Drove crew to location. Mixed salt gel to frac tank, circulate hole w/9.5 ppg mud, tried to pump cement but had wrong water. Waited for fresh water. Pumped 25 sx cement, POOH w/tubing. Worked cement mixer and pump. SDFN. Drove crew to Hobbs.
9/24/2004 - Drove crew to location. RIH w/tubing, tag cement @ 1615', pull tubing to 1245', attempt to pump cement, unable due to problem with motor. WO mechanic. Spotted 25 sx cement @ 1245', calculate toc cement @ 1145'. POOH w/tubing, RU Slickline, RIH w/sl and perforate casing @ 510'. POOH w/slickline. RIH w/packer and tubing. Set packer @ 350', get injection rate, squeeze 35 sx cement, close well in, SDFN. Drove crew to Hobbs.
9/27/2004 - Drove crew to location. Unseat packer & tag plug @ 438'. POOH w/tubing and packer. Perforated @ 438'. RBIH w/packer and tubing, established injeciton rate, set packer @ 250', squeezed 70 sx cement @ 345',. SDFN. Drove crew to Hobbs.
9/28/2004 - Drove crew to location. Waited for dozer to clean location. RIH w/tubing, tag plug @ 433'. Set packer, tried to establish injection rate, unsuccessful. Pull packer & tubing. Spotted 25 sx cement plug @ 433', calculated TOC @ 284'. POOH w/tubing, RD tongs, NDBOP. Dig celler, cut off WH, Pumped surface plug. RDMO. Job complete. Cleaned location, ready for inspection.

14. I hereby certify that the foregoing is true and correct
Name *(Printed/Typed)*
Larry M. Sanders Title **Sr. Regulatory Analyst**

Signature Larry M. Sanders Date **01/18/2005**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by (ORIG. SGD.) DAVID R. GLASS Title PETROLEUM ENGINEER Date JAN 26 2006

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office Approved as to plugging of the well bore. Liability under bond is retained until surface restoration is completed.

NMOCD

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

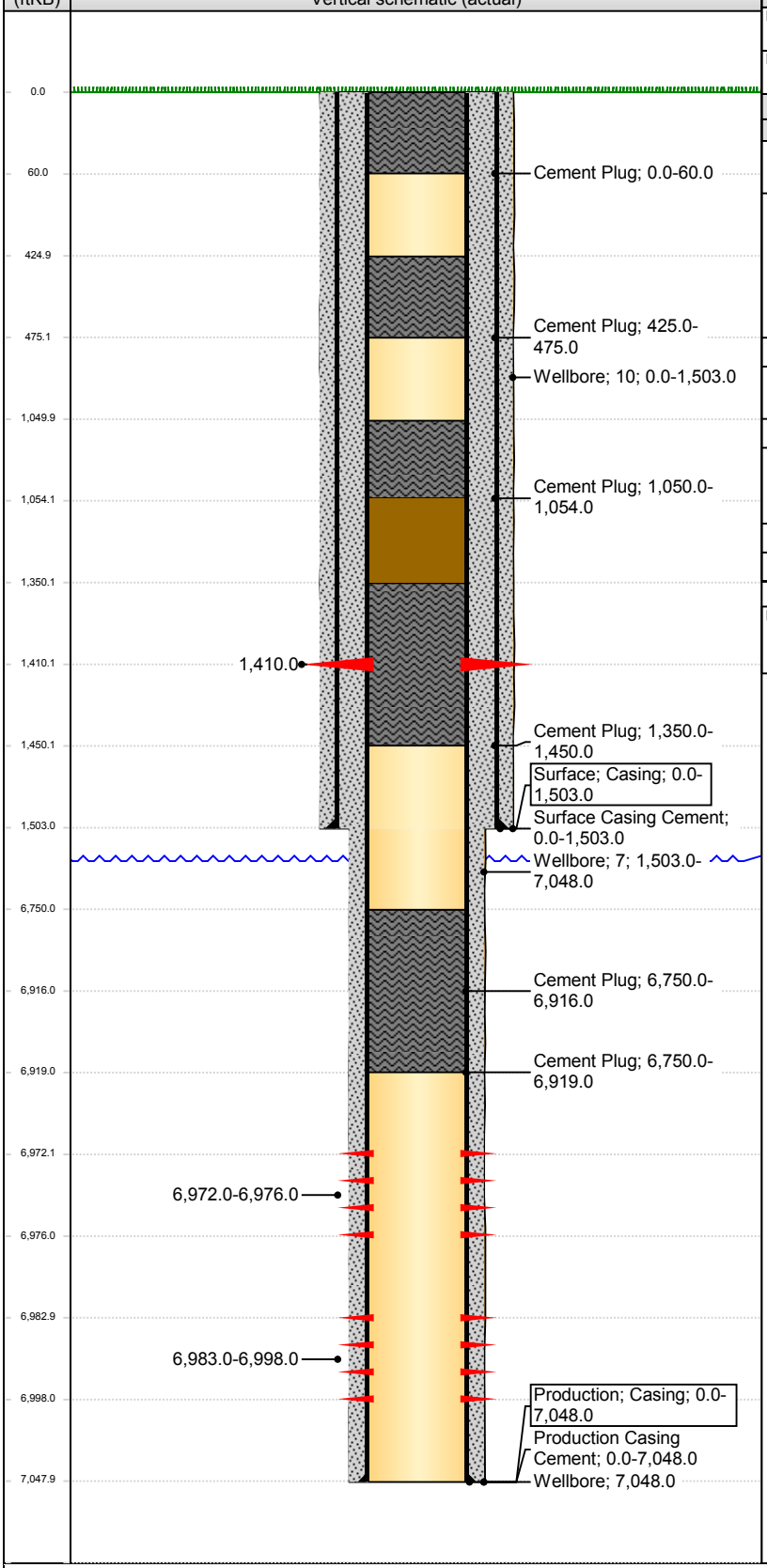
NM Sundry Schematic

Well Name: FREN OIL CO 16

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
300150526200	PB-GRAYBURG	Eddy	NM	19	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,600.00	3,600.00	0.00	8/25/1961					Yes

Original Hole, 12/15/2014 8:47:52 AM



Original Hole Data

Casing Strings

Run Date	Casing Description	Set Depth (ftKB)
	Surface	1,503.0
	Production	7,048.0

Cement Stages

Des	Top (ftKB)	Btm (ftKB)	Com
Surface Casing Cement	0.0	1,503.0	Cemented w/ 550 sxs of cmt.
Production Casing Cement	0.0	7,048.0	Cemented w/ 1050 sxs of cmt. Perfed and sqeezed 790 sx cmt @ 1410'. Circ to surf
Cement Plug	6,750.0	6,919.0	
Cement Plug	1,050.0	1,054.0	Spot w/ 40 sxs of cmt.
Cement Plug	425.0	475.0	
Cement Plug	0.0	60.0	Spot 10 sxs of cmt from 60' to surface. Set PA marker.
Cement Plug	1,350.0	1,450.0	
Cement Plug	6,750.0	6,916.0	

Other In Hole

Description	Top (ftKB)	Btm (ftKB)	OD (in)	Run Date	Comment
Mud	1,054.0	1,350.0	5.012		

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

MAR 1 9 1996

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.: LC-031844

6. If Indian, Allottee or Tribe Name:

7. If Unit or CA, Agreement Designation:

1. Type of Well: [XX] Oil Well [ ] Gas Well [ ] Other

8. Well Name and No.: Fren Oil Company #16

2. Name of Operator: Marbob Energy Corporation

9. API Well No.: 30-015-05262

3. Address and Telephone No.: P. O. Drawer 217

10. Field and Pool, or Exploratory Area: Cedar Lake Abo

4. Location of Well (Footage, Sec., T., R., M., or Survey Description): Sec.19 T-17-S R-31-E 990' FSL & 355' FEL Unit P

11. County or Parish, State: Eddy, NM

12 CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
[ ] Notice of Intent	[X] Abandonment	[ ] Change of Plans
[X] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[ ] Other _____	[ ] Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

1) T.A. 6-4-80 (A) Spot cement from 6916' - 6750' (B) Spot cement from 1450' - 1350'
2) 3-1-80 Hole in casing @ 140', perforated casing @ top of cement 1410', Squeezed with 790 sxs cement, tested to 1000 psi, O.K. no leaks
3) Load hole with mud, Tagged cement top @ 1054'
4) Spot 40 sxs cement @ 1054'
5) SPot 25 sxs cement @ 475'
6) Spot 10 sxs cement from 60' to surface - set PA marker
7) Job completed 3-4-96

RECEIVED
APR 18 1996
OIL CON. DIV.
DIST. 2

Approved as to plugging of the well bore.
Liability under bond is retained until
surface restoration is completed.

Post 4/11/96

14. I hereby certify that the foregoing is true and correct

Signed Elvira K. Clark Title Assistant Secretary Date 3/11/96

(This space for Federal or State office use)

Approved by Orig. Signed by Shannon J. Shaw Title PETROLEUM ENGINEER Date 4/15/96

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

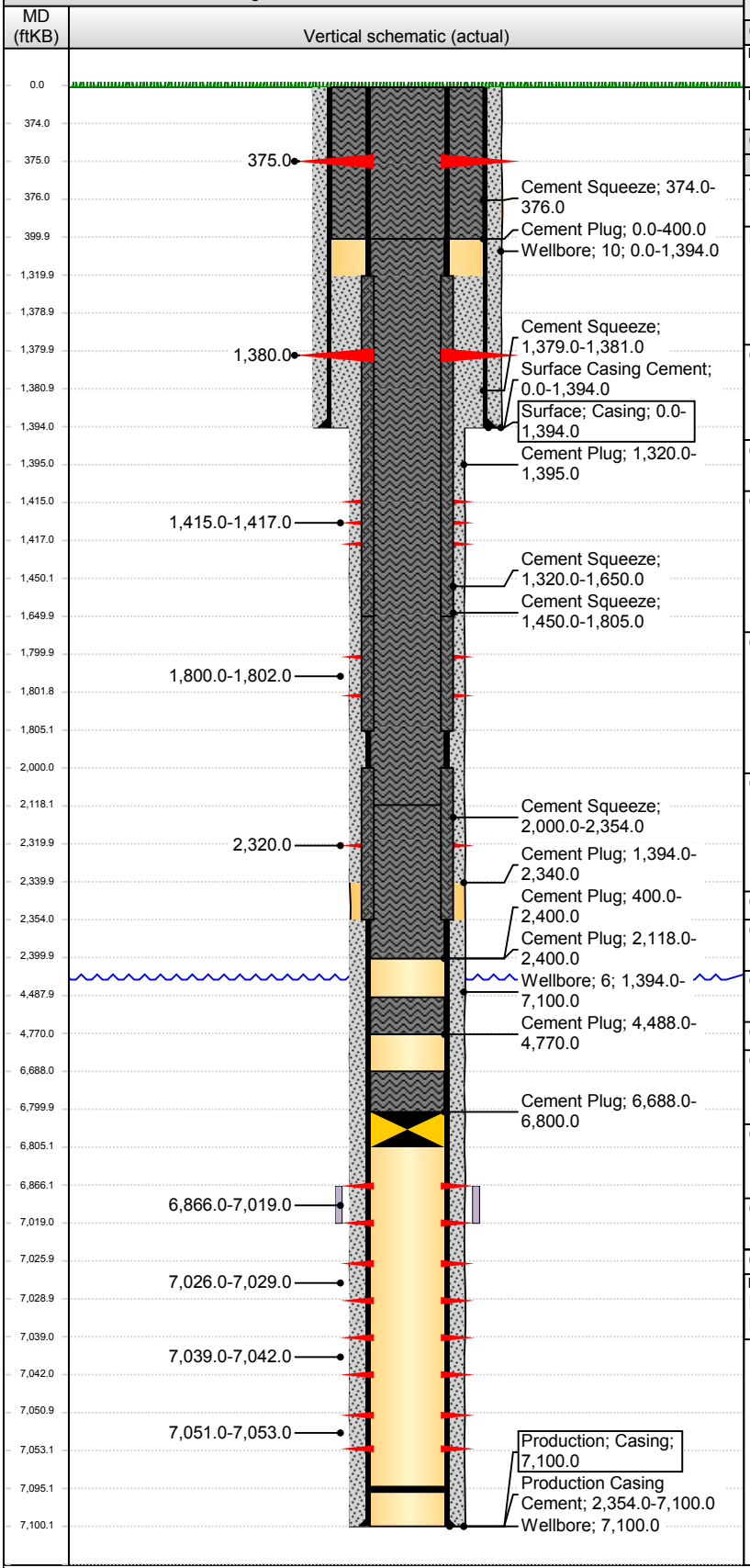
NM Sundry Schematic

Well Name: FREN OIL CO 19

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
300150526500	PB-GRAYBURG	Eddy	NM	19	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,604.00	3,604.00	0.00	3/11/1962					Yes

Original Hole, 12/15/2014 8:52:43 AM



Original Hole Data

Casing Strings

Run Date	Casing Description	Set Depth (ftKB)
3/11/1962	Surface	1,394.0
3/12/1962	Production	7,100.0

Cement Stages

Des	Top (ftKB)	Btm (ftKB)	Com
Surface Casing Cement	0.0	1,394.0	Cemented w/ 650 sxs of cmt.
Production Casing Cement	2,354.0	7,100.0	Cemented w/ 1200 sxs of cmt Ran CBL/VDL/GR log TOC @ 2354'
Cement Squeeze	2,000.0	2,354.0	sqz 200 sx class C cmt w/ 2% CaCL Run Temp Survey TOC @ 2000'
Cement Plug	6,688.0	6,800.0	Cemented w/ 3 sxs of cmt on top of BP.
Cement Squeeze	1,450.0	1,805.0	100 sx class C cmt w/ 19# salt/sk 100 sx class C cmt w/ 3% CaCL Ran Temp Survey TOC @ 1450'
Cement Squeeze	1,320.0	1,650.0	200 sx class C w/ 19# salt/sk 100 sx class C cmt w/ 3% CaCL Temp Survey TOC @ 1320'
Cement Plug	1,320.0	1,395.0	cement from 200 sx class C cement followed by 100 sx class C cmt w/ 3% CaCL sqz job
Cement Plug	2,118.0	2,400.0	25 sx class C cmt
Cement Squeeze	1,379.0	1,381.0	sqzd cement into perf
Cement Squeeze	374.0	376.0	sqzd cement into perf
Cement Plug	4,488.0	4,770.0	25 sx class C cmt
Cement Plug	400.0	2,400.0	255 sx Class "C" cmt. Stung out of retainer
Cement Plug	0.0	400.0	30 sx class C cmt from retainer to surface
Cement Plug	1,394.0	2,340.0	Cement from sqz jobs

Other In Hole

Description	Top (ftKB)	Btm (ftKB)	OD (in)	Run Date	Comment
Bridge Plug - Permanent	6,800.0	6,805.0	4		

Form 3160-5
(April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

FORM APPROVED
OM B No. 1004-0137
Expires: March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160 - 3 (APD) for such proposals.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

5. Lease Serial No.
NMLC031844

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well
☑ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
Fren Oil Company #19

2. Name of Operator **Marbob Energy Corporation**

9. API Well No.
30-015-05265

3a. Address
PO Box 227, Artesia, NM 88211-0227

3b. Phone No. *(include area code)*
505-748-3303

10. Field and Pool, or Exploratory Area
Cedar Lake; Abo

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
1650 FSL 990 FEL, Sec. 19-T17S-R31E, Unit I

11. County or Parish, State
Eddy Co., NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☑ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☑ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Plugged and abandoned as follows:

7/3/06 - Set CIBP @ 6800'. Shot 4 Squeeze holes @ 1380'. Shot 4 squeeze holes @ 375'.
7/5/06 - Spot 10 sx Class "C" neat cmt on top of CIBP. Circ 80 bbls 9# brine mud. Spot 25 sx Class "C" cmt @ 4770'. Tag plug @ 4488'. Spot 25 sx Class "C" cmt @ 2400'. Tag plug. Set retainer @ 400'. Pump 255 sx Class "C" cmt. Stung out of retainer. Spot 30 sx Class "C" cmt from the retainer @ 400' to surface.
7/6/06 - Install dry hole marker & reclaim location.

Approved as to plugging of the well bore.
Liability under bond is retained until
surface restoration is completed.

APPROVED
AUG 23 2006
/S/ ALEXIS C. SWOBODA
ALEXIS C. SWOBODA
PETROLEUM ENGINEER

14. I hereby certify that the foregoing is true and correct
Name *(Printed/Typed)* **Diana J. Briggs** Title **Production Analyst**

Signature Date **08/14/2006**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____ Title _____ Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Accepted for record
NMOCD

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

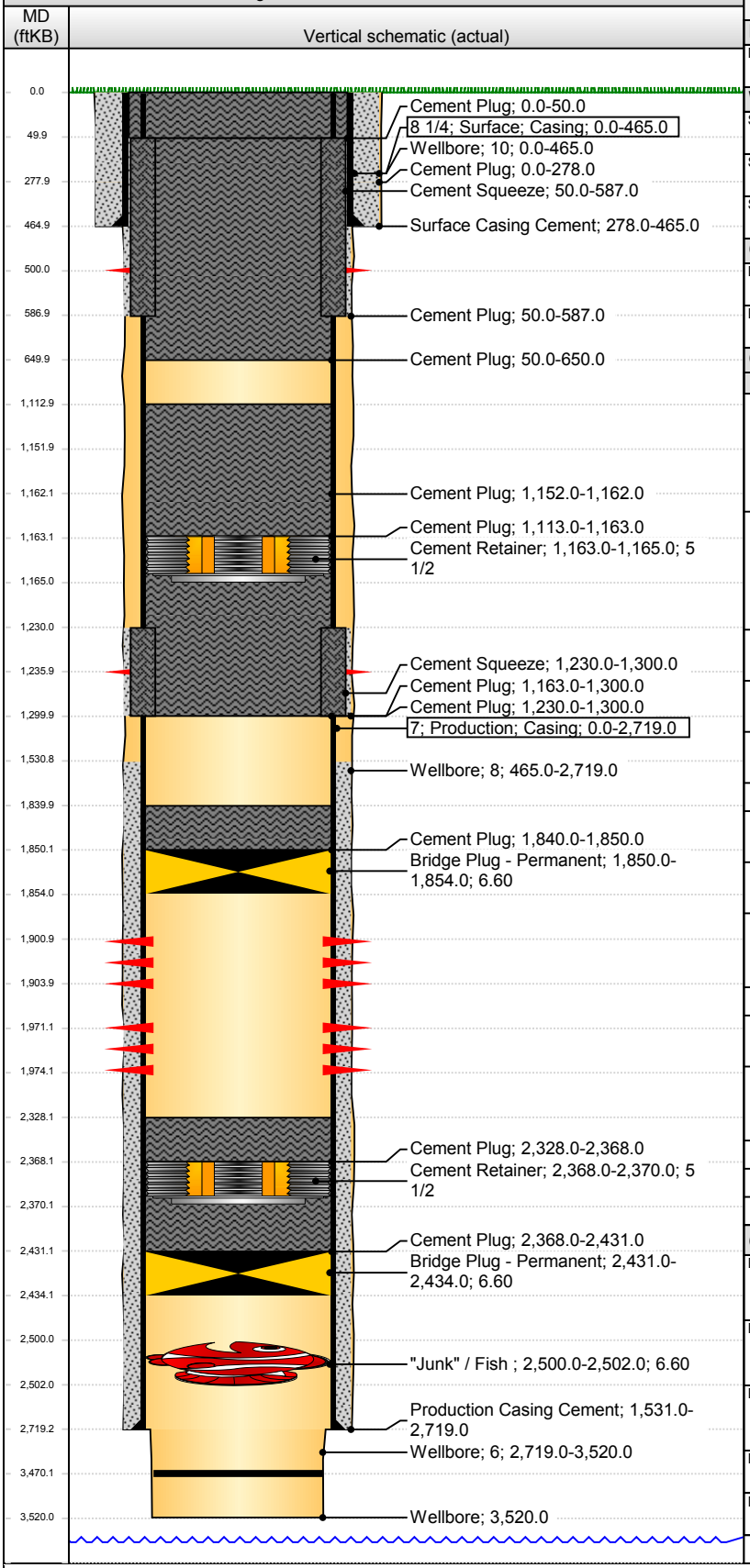
NM P&A Schematic

Well Name: FRIESS FEDERAL 1

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
300150526700	PB-GRAYBURG	Eddy	NM	19	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,609.00	3,609.00	0.00	9/15/1941					Yes

Original Hole, 12/4/2014 3:49:57 PM



Original Hole Data

Location & Lat/Long

NS Dist (ft)	NS Flag	EW Dist (ft)	EW Flag	Latitude (°)	Longitude (°)
2,310.0	FSL	1,650.0	FEL	32° 49' 8.884" N	103° 54' 21.252" W

Wellbore Sections

Start Date	Section Description	Size (in)	Act Btm (ft...
9/15/1941	Surface	10	465.0
9/16/1941	Production	8	2,719.0
9/16/1941	Openhole	6	3,520.0

Casing Strings

Run Date	Casing Description	Set Depth (ftKB)	OD (in)
9/15/1941	Surface	465.0	8 1/4
9/16/1941	Production	2,719.0	7

Cement Stages

Prop?	Des	Top (ftKB)	Btm (ftKB)	Com
	Surface Casing Cement	278.0	465.0	Cemented w/ 50 sxs of class "C" cement using Halliburton method. TOC (calc) 278'
	Production Casing Cement	1,531.0	2,719.0	Cemented w/ 100 sxs of class "C" cement using Halliburton method. TOC (calc) 1531'
	Cement Plug	2,368.0	2,431.0	Dumped 300 sxs below retainer.
	Cement Plug	2,328.0	2,368.0	10 sxs of cmt on top of retainer.
	Cement Plug	1,840.0	1,850.0	Dumped 10 sxs of cmt ontop of CIBP.
	Cement Plug	1,113.0	1,163.0	10 sx on top of retainer
	Cement Plug	1,163.0	1,300.0	100 sxs class C under retainer and thru perfs
	Cement Plug	1,152.0	1,162.0	Dumped 10 sxs of cmt on top of retainer.
	Cement Squeeze	50.0	587.0	Dumped 200 sxs of class "C" cmt down 7" & displaced w/ 15 bbls mud.
	Cement Plug	0.0	50.0	spot plug
	Cement Squeeze	1,230.0	1,300.0	Dumped 100 sxs of cmt through perfs
	Cement Plug	50.0	650.0	Dumped 200 sxs of class C cmt down 7" & displaced w/ 15 bbls mud
	Cement Plug	1,230.0	1,300.0	cement from sqz job
	Cement Plug	50.0	587.0	cement from sqz job
	Cement Plug	0.0	278.0	spot surface plug

Other In Hole

Prop...	Description	Btm (ftKB)	Comment
	Bridge Plug - Permanent	2,434.0	Baker BP.
	"Junk" / Fish	2,502.0	Unable to clean the junk out of the hole.
	Bridge Plug - Permanent	1,854.0	
	Cement Retainer	2,370.0	
	Cement Retainer	1,165.0	

Form 3160-5

UNITED STATES

(June 1990)

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
☐ Oil Well ☐ Gas Well ☒ Other P & A'd

2. Name of Operator
DEVON ENERGY CORPORATION (NEVADA)

3. Address and Telephone No.
20 NORTH BROADWAY, SUITE 1500, OKLAHOMA CITY, OKLAHOMA 73102 (405) 235-3611

4. Location of Well (Footage. Sec., T., R., M., or Survey Description)
2310' FSL & 1650' FEL, Sec. 19-17S-31E

5. Lease Designation and Serial No.
LC-060409

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
Friess Federal #1

9. API Well No.
30-015-05267

10. Field and Pool, or Exploratory Area
Grayburg Jackson

11. County or Parish, State
Eddy County, NM

CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
☐ Notice of Intent	☒ Abandonment	☐ Change of Plans
☒ Subsequent Report	☐ Recompletion	☐ New Construction
☐ Final Abandonment Notice	☐ Plugging Back	☐ Non-Routine Fracturing
	☐ Casing Repair	☐ Water Shut-Off
	☐ Altering Casing	☐ Conversion to Injection
	☐ Other _____	☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Plans were to convert this well to water injection.

Pool ID-2
7-11-97
P+A

1/10/97 to 1/20/97 - Cleaned out to 2502', unable to clean junk out of hole.

The well was **plugged and abandoned** as follows:

6/4/97 - Ran 6 1/4" bit to 2500'.

6/5/97 - Set cement retainer @ 2368'. Pumped 300 sxs cement under retainer & dumped 10 sxs on top of retainer. Set CIBP @ 1854' & dumped 10 sxs cmt on top of CIBP. Shot 4 holes @ 1236'.

6/6/97 - Set cmt retainer @ 1163'. Pumped 100 sxs "C" under retainer & thru perfs. Dumped 10 sxs on top of retainer. Perf'd 4 holes @ 500'. Pumped 200 sxs "C" down 7" & displaced w/15 bbls mud.

6/7/97 - Spotted 50' plug back to surface. Welded on dry hole marker. **Well P&A 6/7/97.**

14. I hereby certify that the foregoing is true and correct

Signed Karen Byers Title Engineering Technician Date 6/26/97
Karen Byers

(This space for Federal or State office use)

Approved by (ORIG. SGD.) DAVID R. GLASS Title PETROLEUM ENGINEER Date JUL 02 1997

Conditions of approval, if any:

Approval of this plug of the well bore is not granted until

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representatio to any matter within its jurisdiction.

***See Instruction on Reverse Side**

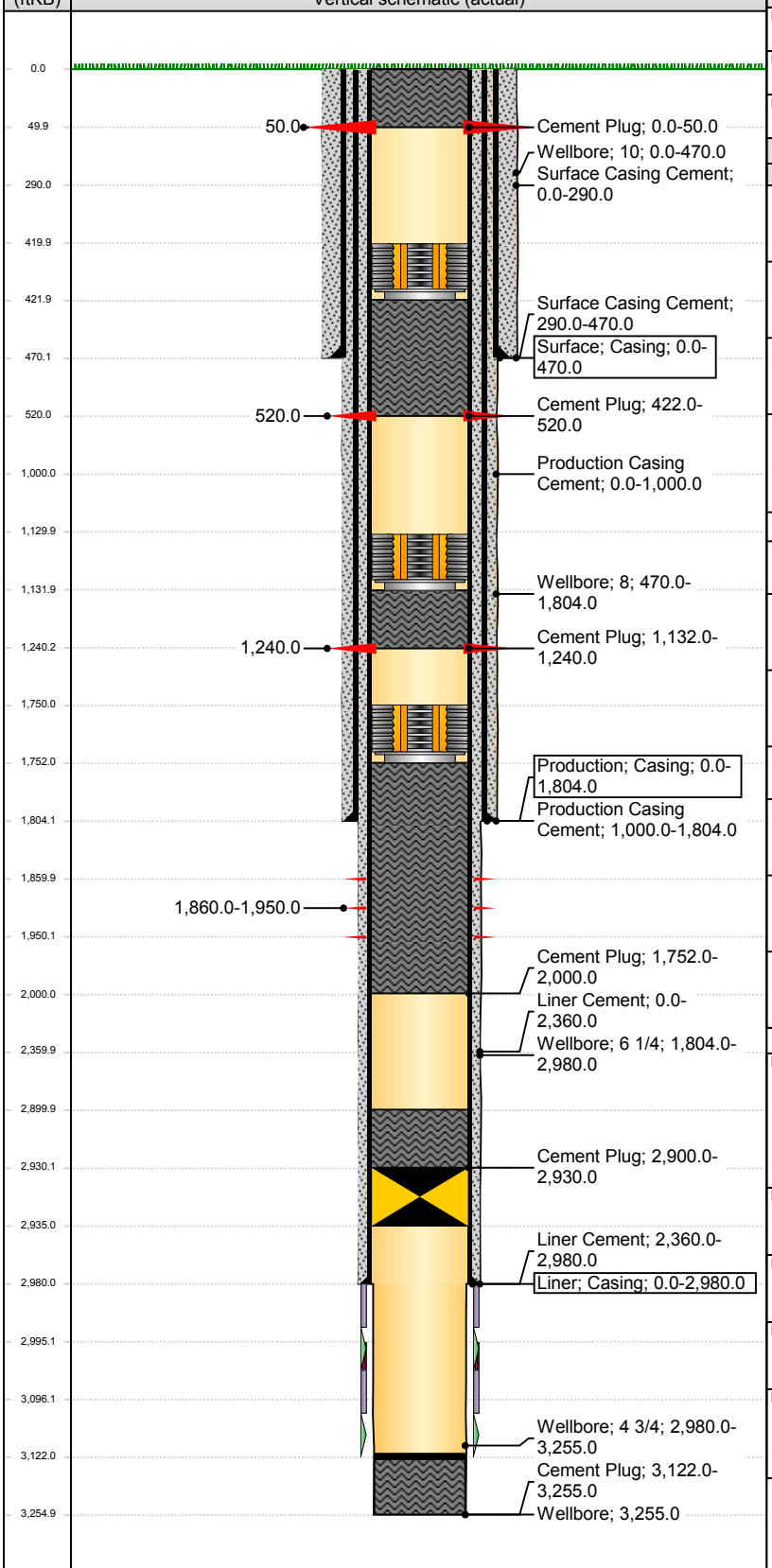
NM Sundry Schematic

Well Name: FRIESS FEDERAL 2

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
300150526800	PBNM - PB-GRAYBURG	Eddy	NM	19	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,605.00	3,605.00	0.00	7/17/1944	8/26/1944	8/15/1944			No

Original Hole, 12/15/2014 9:00:45 AM



Original Hole Data

Casing Strings

Run Date	Casing Description	Set Depth (ftKB)
	Surface	470.0
	Production	1,804.0
6/20/1955	Liner	2,980.0

Cement Stages

Des	Top (ftKB)	Btm (ftKB)	Com
Production Casing Cement	1,000.0	1,804.0	100 sx cmt TOC @ 1000' (calc)
Production Casing Cement	0.0	1,000.0	cement to surface from perforations during P&A
Surface Casing Cement	290.0	470.0	50 sx cmt TOC @ 290' (calc)
Surface Casing Cement	0.0	290.0	pump cement to surface from perforation during P&A
Cement Plug	3,122.0	3,255.0	PBTD
Cement Plug	2,900.0	2,930.0	dump 5 sx cmt on top of CIBP @ 2930'
Cement Plug	1,752.0	2,000.0	pump 200 sx cmt below retainer @ 1750'
Cement Plug	1,132.0	1,240.0	pump 50 sx cmt below retainer @ 1130'
Cement Plug	422.0	520.0	pump 150 sx below retainer @ 420'
Cement Plug	0.0	50.0	pump plug from surface to 50' with 50 sx
Liner Cement	2,360.0	2,980.0	45 sx cmt TOC @ 2360' (calc)
Liner Cement	0.0	2,360.0	cemented to surface from perforations during P&A

Other In Hole

Description	Top (ftKB)	Btm (ftKB)	OD (in)	Run Date	Comment
Bridge Plug - Permanent	2,930.0	2,935.0	5.012	11/27/2001	ATTEMPTED TO JET CUT 5 1/2" CSG @ 1,850' AND 1,846' WITH NO SUCCESS
Cement Retainer	1,750.0	1,752.0	4 1/4	11/30/2001	
Cement Retainer	1,130.0	1,132.0	4 1/4	11/30/2001	
Cement Retainer	420.0	422.0	4 1/4	12/3/2001	
Note				12/3/2001	9.5 ppg mud spotted between cement plugs

Form 3160-5
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Oil Cons.
N.M. DIV-Dist. 2
1301 W. Grand Avenue
Artesia, NM 88210

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

c/st

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

5. Lease Serial No.
LC-068409

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA/Agreement, Name and/or No.
NA

1. Type of Well
☐ Oil Well ☐ Gas Well ☒ Other Water Injection Well

8. Well Name and No.
Friess Federal #2

2. Name of Operator
Devon Energy Production Co., L P

9. API Well No.
30-015-05268

3a. Address
20 N. Broadway, Suite 1500, Okla. City, OK 73102

3b. Phone No. *(include area code)*
(405)552-4528

10. Field and Pool, or Exploratory Area
Grayburg-Jackson Field

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
1,980' FSL & 1,980' FEL of Section 19-T17S-R31E Unit J

RECEIVED
OCD ARTESIA

11. County or Parish, State
Eddy County,
New Mexico

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/ Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☒ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Permanitly Plugged and Abandon As Follows:

11/27/01 - Set CIBP at 2,930' and cap with 5 sxs cement.
Attempt to jet cut and pull 5 1/2" casing at 1,850', no success. Jet cut at 1,846', casing still wouldn't pull.
11/30/01 - Set cement retainer at 1,750', pump 200 sxs cement below retainer.
Perforate 5 1/2" casing with 4 shots at 1,240' (base of salt at 1,190').
Set cement retainer at 1,130', pump 50 sxs below retainer.
12/03/01 - Perforate 5 1/2" casing with 4 shots at 520' (surface casing shoe at 470').
Set cement retainer at 420', pump 150 sxs below retainer. Unable to circulate cement to surface in annulus.
Perforate 5 1/2" casing with 4 shots at 50'.
Pump cement plug from surface to 50' with 50 sxs. Circulated cement to surface in 5 1/2"- 7" and 7"- 8 1/4" annulus(unable to circulate cement outside of 8 1/4" surface casing).
Cut off casing, set dry hole marker and cleaned up location.
NOTE: 9.5ppg mud spotted between cement plugs.

surface

14. I hereby certify that the foregoing is true and correct
Name *(Printed/Typed)*
Charles H. Carleton

Title
Senior Engineering Technician

Signature
Charles H Carleton

Date
12/04/2001

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by
(ORIG. SGD.) ALEXIS C. SWOBODA

Title
PETROLEUM ENGINEER

Date
DEC 1 2001

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

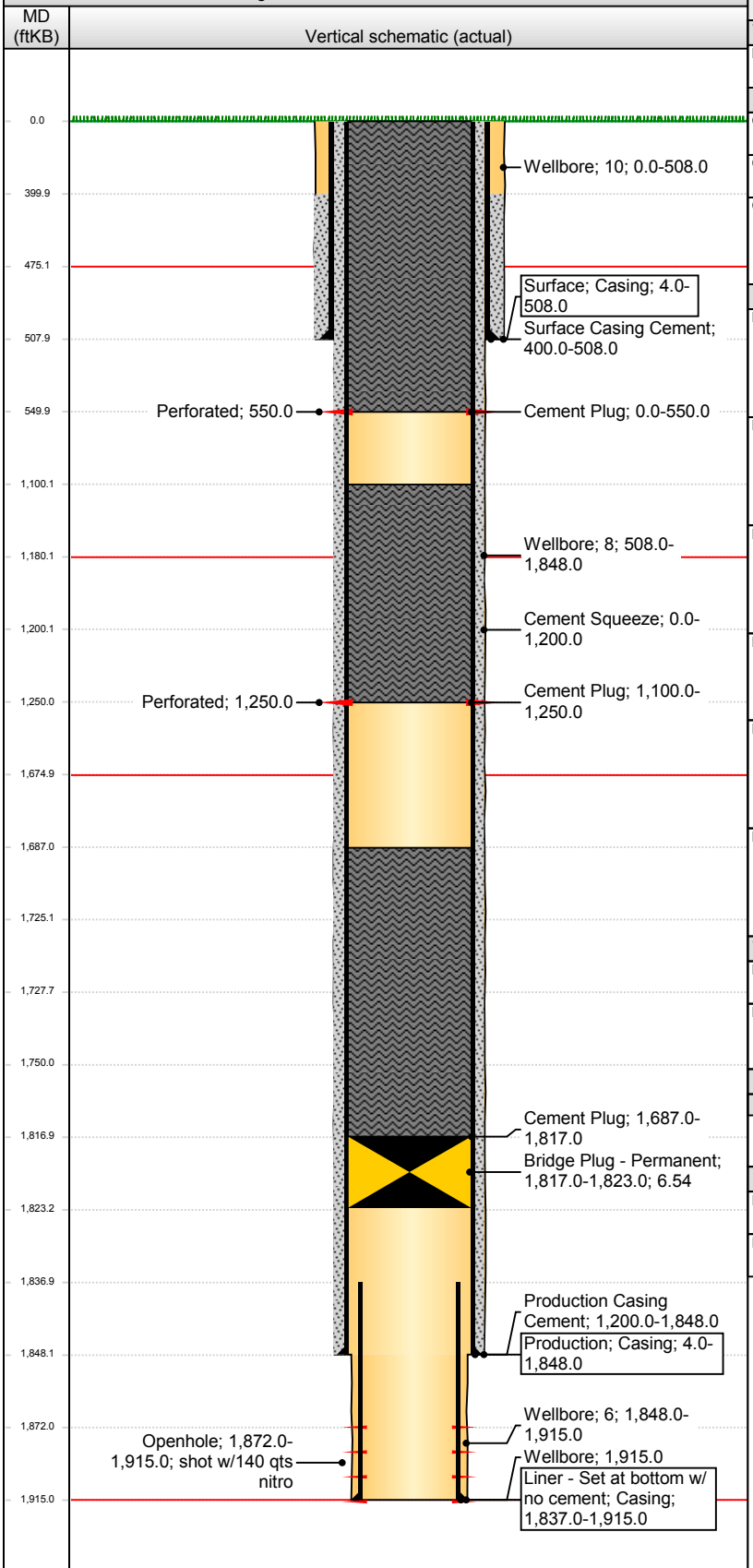
Record only

NM Regulatory Schematic

Well Name: TURNER A 25

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
300150527600	PBNM - PB-GRAYBURG	Eddy	NM	19	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,642.00	3,642.00	0.00	10/24/1952	12/8/1952	12/8/1952			Yes



Original Hole Data

Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag
990.0	FNL	2,310.0	FEL

Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Surface	508.0	8 5/8	8.017	28.00	H-40	10/24/1952
Production	1,848.0	7	6.538	17.00	H-40	12/6/1952
Liner - Set at bottom w/ no cement	1,915.0	5 1/2	5.012	14.00	H-40	12/6/1952

Cement Stages

Prop Drill Out?	Des	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
No	Surface Casing Cement	400.0	508.0	Calculated	Cemented w/ 50 sx. TOC @ 400' (calc). Assumes 1.32 cu ft/sx and 50% fillup.
No	Production Casing Cement	1,200.0	1,848.0	Calculated	Cemented w/ 100 sx. TOC @ 1200' (calc). Assumes 1.32 cu ft/sx and 50% fillup.
Yes	Cement Plug	0.0	550.0	Tag	Squeezed 200 sx class C cmt thru perf @ 550'. PROPOSED: DRILL OUT
No	Cement Squeeze	0.0	1,200.0	Tag	Perf @ 550' Squeezed 200 sx class C cmt
Yes	Cement Plug	1,100.0	1,250.0	Tag	Squeezed 125 sx cmt thru perf @ 1250'. PROPOSED: DRILL OUT
Yes	Cement Plug	1,687.0	1,817.0	Tag	Spot 25 sx class C plug on top of CIBP. PROPOSED: DRILL OUT

Tubing Components

Prop Run?	Item Description	OD (in)	ID (in)	Wt (lb/ft)	Length (ft)
Yes	IPC Tubing	2 3/8	1.995	4.60	1,725.00
Yes	Arrowset-1X (NP) Pkr w/ On/off Tool	6			2.75

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Com
Bridge Plug - Permanent	1,817.0	1,823.0	8/30/1985	PROPOSED: DRILL OUT

Formations

Formation	Final Top...	Final Btm...	Comment
Salt	475.0	1,180.0	
Seven Rivers	1,675.0	1,915.0	PROPOSED: INJECTION INTERVAL

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM OIL CONS COMMISSION
Drawer DD
Artesia, NM 88210

FORM APPROVED
Budget Bureau No. 1004-0135
Expires March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
DEVON ENERGY OPERATING CORPORATION

3. Address and Telephone No.
20 NORTH BROADWAY, SUITE 1500, OKLAHOMA CITY, OKLAHOMA 73102 (405)552-4530

4. Location of Well (Footage. Sec., T., R., M., or Survey Description)
990' FNL & 2310' FEL Sec 19-17S-31E

5. Lease Designation and Serial No.
LC 029395-A

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
NA

8. Well Name and No.
Turner "A" #25

9. API Well No.
30-015-05276

10. Field and Pool, or Exploratory Area
GRAYBURG-JACKSON

11. County or Parish, State
EDDY COUNTY, NM

CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ Notice of Intent	☐ Abandonment	☐ Change of Plans	
☒ Subsequent Report	☐ Recompletion	☐ New Construction	
☐ Final Abandonment Notice	☐ Plugging Back	☐ Non-Routine Fracturing	
	☐ Casing Repair	☐ Water Shut-Off	
	☐ Altering Casing	☐ Conversion to Injection	
	☒ Other P & A	☐ Dispose Water	

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

On 8-7-94, this well was P & A by spotting 25 sx Class "C" cmt plug (approx 130' in length) in the 7" prod casing on top of existing CIBP @1817'. The 7" prod casing was perforated at 1250' (approx 50' below the base of the salt) and squeezed w/125 sx of Class "C" cement. The 7" casing was then perforated at 550' (approximately 50' below the 8 5/8" surface casing show) and squeezed w/200 sacks of Class "C" cement. All casing and annulus were filled with cement. All casings were cut off 4' below ground level and the appropriate dry hole marker installed.

JAN 17 '95

Post ID-2
3-3-95
P+A

14. I hereby certify that the foregoing is true and correct

Signed Jo Ann Hooks Title JO ANN HOOKS ENGINEERING TECHNICIAN Date November 11, 1994

(This space for Federal or State office use)

Approved by [illegible] Title Petroleum Engineer Date 1/13/95

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

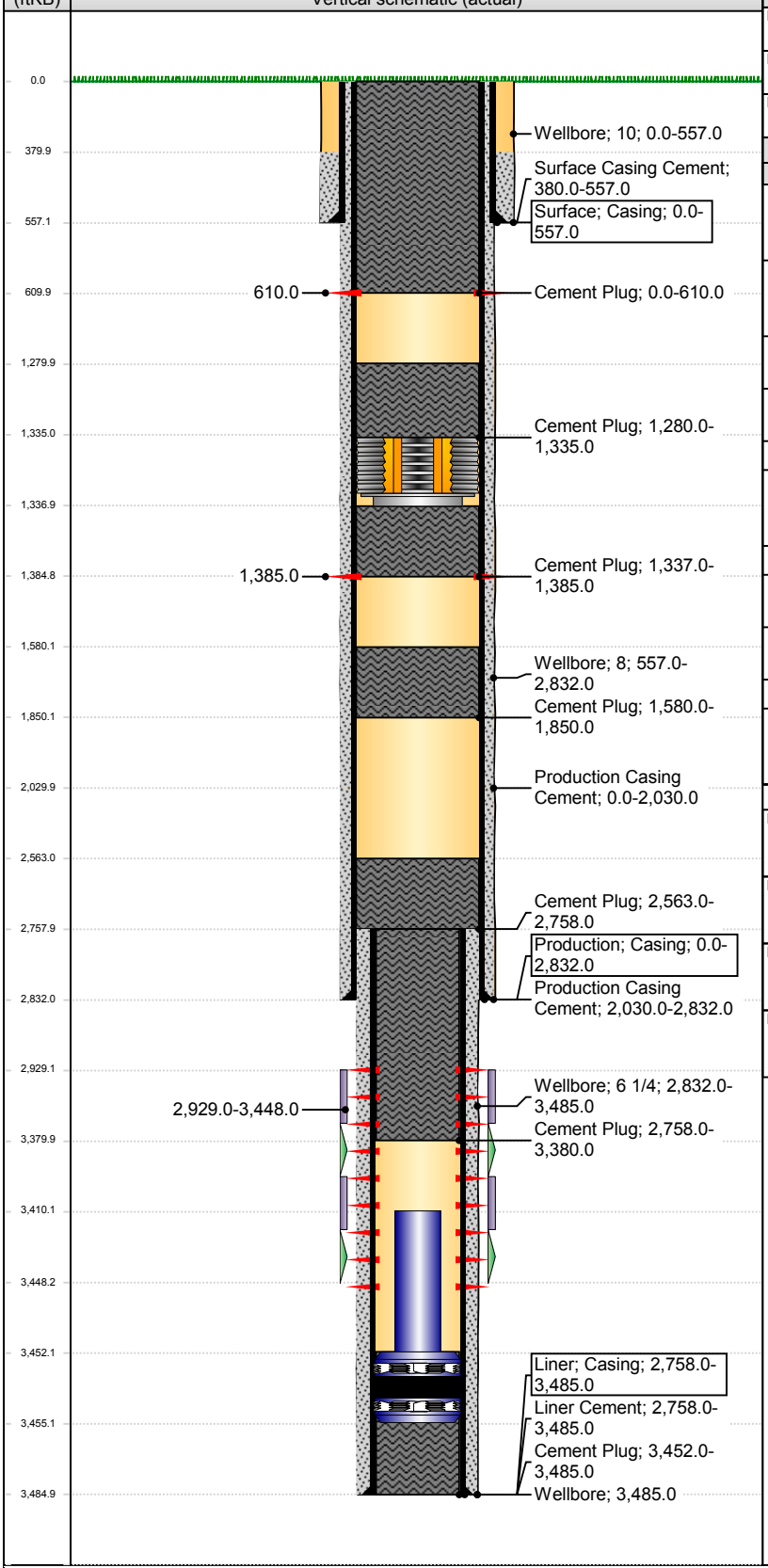
NM Sundry Schematic

Well Name: TURNER B 9

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
300150528100	PBNM - PB-GRAYBURG	Eddy	NM	20	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,710.00	3,710.00	0.00	7/28/1942	10/14/1942	10/14/1942			No

Original Hole, 12/17/2014 9:43:01 AM



Original Hole Data

Casing Strings

Run Date	Casing Description	Set Depth (ftKB)
8/5/1942	Surface	557.0
10/10/1942	Production	2,832.0
8/28/1973	Liner	3,485.0

Cement Stages

Des	Top (ftKB)	Btm (ftKB)	Com
Surface Casing Cement	380.0	557.0	50 sx cmt TOC @ 380' (calc)
Production Casing Cement	2,030.0	2,832.0	100 sx cmt TOC @ 2030' (calc)
Production Casing Cement	0.0	2,030.0	cmt to surface through perfs
Liner Cement	2,758.0	3,485.0	cemented to top of liner
Cement Plug	3,452.0	3,485.0	PBTD
Cement Plug	2,758.0	3,380.0	125 sx class C plug TOC @ 2563'
Cement Plug	2,563.0	2,758.0	
Cement Plug	0.0	610.0	pump 150 sx class C cmt to surface
Cement Plug	1,280.0	1,335.0	dump 10 sx cmt on top of retainer
Cement Plug	1,580.0	1,850.0	50 sx class C plug
Cement Plug	1,337.0	1,385.0	squeeze 100 sx class C under retainer @ 1335'

Other In Hole

Description	Top (ftKB)	Btm (ftKB)	OD (in)	Run Date	Comment
Note					Parted 7" casing @ 1800'
Fish	3,410.0	3,452.0	2 3/8	8/29/1973	Broken joint of 2 3/8" tubing
Lynes Packer	3,452.0	3,455.0	4.4	8/29/1973	(milled and unable to remove)
Cement Retainer	1,335.0	1,337.0	5.4	1/15/1998	

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division
811 S. 1st Street
Artesia, NM 88210-2834

FORM APPROVED
Budget Bureau No. 1004-0135
Expires March 31, 1993

dsf

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
☐ Oil Well ☐ Gas Well ☒ Other P&A

2. Name of Operator
DEVON ENERGY CORPORATION (NEVADA)

3. Address and Telephone No.
20 NORTH BROADWAY, SUITE 1500, OKLAHOMA CITY, OKLAHOMA 73102 (405) 235-3611

4. Location of Well (Footage. Sec., T., R., M., or Survey Description)
660' FNL & 660' FEL, Sec. 20-17S-31E

5. Lease Designation and Serial No.
LC-029395-B

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
Turner "B" #9

9. API Well No.
30-015-05281

10. Field and Pool, or Exploratory Area
Grayburg Jackson

11. County or Parish, State
Eddy County, NM

CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
☐ Notice of Intent	☒ Abandonment	☐ Change of Plans
☒ Subsequent Report	☐ Recompletion	☐ New Construction
☐ Final Abandonment Notice	☒ Plugging Back	☐ Non-Routine Fracturing
	☐ Casing Repair	☐ Water Shut-Off
	☐ Altering Casing	☐ Conversion to Injection
	☐ Other ___	☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

Post ID-2
1-8-99
P&A

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Plans were to convert this well to water injection. Found casing parted & decided to plug and abandon this well as follows:

11/17/97 to 11/26/97 – Attempted to run bit & scraper. Found tight spot @ 1800'. Ran impression block & determined casing had parted.

1/13/98 to 1/14/98 – RIH w/2 3/8" tubing to 3380'. Pumped 125 sx "C". Tagged top of plug @ 2563'. Pulled tubing to 1850' & pumped 50 sx "C". Tagged plug #2 @ 1580'.

1/15/98 – Perf'd 4 squeeze holes @ 1385'. Set cement retainer @ 1335' & squeezed w/100 sx "C". Spotted 10 sx cement on top of cement retainer.. Perf'd squeeze holes @ 610'. Pumped 120 sx "C". Pumped 10 sx "C" at surface. Spotted another 10 sx "C" after cement fell.

1/16/98 – Welded on dry hole marker. **Plugged & abandoned.**

Approved as to plugging of the well bore
Liability under bond is retained until
surface restoration is completed.

14. I hereby certify that the foregoing is true and correct

Signed Karen Byers Title Engineering Technician Date 1/26/98
Karen Byers

(This space for Federal or State office use)

Approved by (ORIG. SGD.) LES BABYAK Title PETROLEUM ENGINEER Date FEB 10 1998

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as any matter within its jurisdiction.

***See Instruction on Reverse Side**

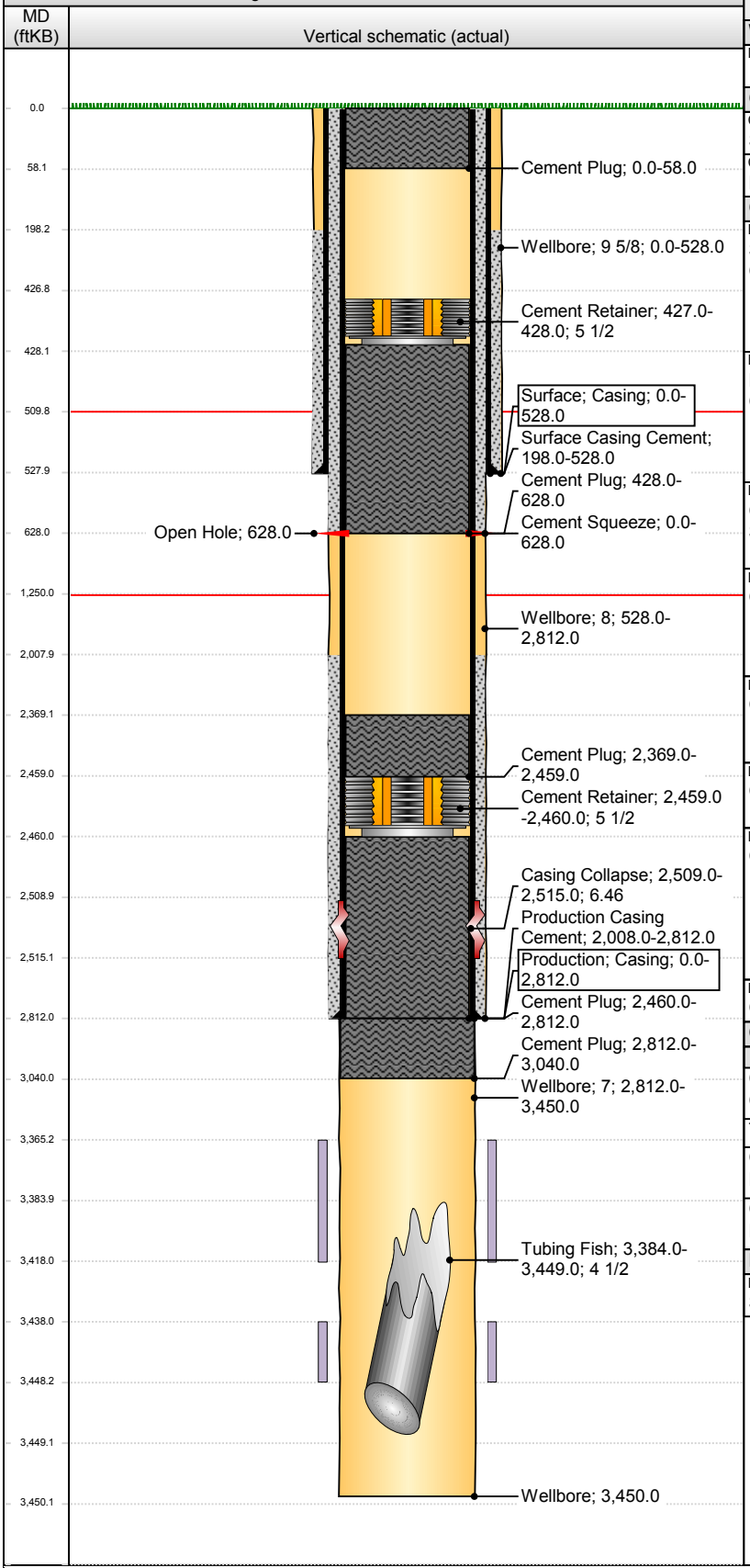
NM P&A Schematic

Well Name: TURNER B 10

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
300150528200	PB-GRAYBURG	Eddy	NM	20	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,677.00	3,677.00	0.00	10/22/1942		12/14/1942			Yes

Original Hole, 1/13/2015 10:55:48 AM



Original Hole Data

Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag
1,980.0	FNL	1,980.0	FEL

Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Surface	528.0	8 5/8	8.097	25.00	J-55	10/22/1942
Production	2,812.0	7	6.456	20.00	J-55	12/14/1942

Cement Stages

Description	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
Surface Casing Cement	198.0	528.0	Calculated	Cemented w/ 50 sxs. TOC @ 198' (calc). Assumes 1.32 cu ft/sx and 50% fillup
Production Casing Cement	2,008.0	2,812.0	Calculated	Cemented w/ 100 sxs. TOC @ 2008' (calc). Assumes 1.32 cu ft/sx and 50% fillup
Cement Squeeze	0.0	628.0	Circulated	Squeeze 55 sx cmt thru 628' plug. Circulate to surface
Cement Plug	0.0	58.0	Calculated	10 sxs. for surface plug. Assume 1.32 cu ft/sx and 0% fillup
Cement Plug	428.0	628.0	Tagged	Remaining 55 sx cmt in casing from 628' perf squeeze
Cement Plug	2,369.0	2,459.0	Tagged	Cemented 90' on top of retainer.
Cement Plug	2,460.0	2,812.0	Calculated	100 sx class C w/4% gel below retainer. Bottom of cmt ~3040' (calc) Assumes 1.32 cu ft/sx and 0% fillup
Cement Plug	2,812.0	3,040.0	Calculated	Cont. of 1st plug

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Com
Casing Collapse	2,509.0	2,515.0	11/22/1976	
Tubing Fish	3,384.0	3,449.0	7/9/1977	
Cement Retainer	2,459.0	2,460.0	7/9/1977	
Cement Retainer	427.0	428.0	7/9/1977	

Formations

Formation	Final Top...	Final Btm...	Comment
Salt	510.0	1,250.0	

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.: LC 029395 (b)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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—" for such proposals.)

RECEIVED
AUG 8 1979
O. C. C.
ARTESIA, OFFICE

1. OIL WELL [X] GAS WELL [ ] OTHER P&A

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: Atlantic Richfield Company

8. FARM OR LEASE NAME: Turner "B"

3. ADDRESS OF OPERATOR: P. O. Box 1710, Hobbs, New Mexico 88240

9. WELL NO.: 10

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1980' FNL & 1980' FEL (Unit letter G)

10. FIELD AND POOL, OR WILDCAT: Grayburg Jackson QGSA

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: 20-17S-31E

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 3677.64' DF

12. COUNTY OR PARISH: Eddy

13. STATE: N.M.

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other) Plug & Abandon			[X]
(Other)			[ ]	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

RU 7/9/77. Killed well & install BOP. RIH w/CI retr, set retr @ 2460'. Cmtd thru retr w/100 sx Cl C cmt cont'g 4% gel. Pmpd cmt below retr w/2000#. PO of retr & spotted 90' cmt on top of retr. Perf'd 7" csg @ 628'. RIH w/7" cmt retr, set retr @ 428'. Pmpd 55 sx cmt thru retr, cmt circ in 8-5/8" X 7" annulus to surface. Spotted 10 sx cmt in top of 7" OD csg @ surface. Installed regulation dry hole marker, cleaned & leveled location. Well P&A Eff 7/14/77.

RECEIVED
JUL 28 1977
U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

18. I hereby certify that the foregoing is true and correct

SIGNED [signature] TITLE Dist. Drlg. Supt. DATE 7/26/77

(This space for Federal or State office use)

APPROVED BY [signature] TITLE ACTING DISTRICT ENGINEER DATE AUG 7 - 1979

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

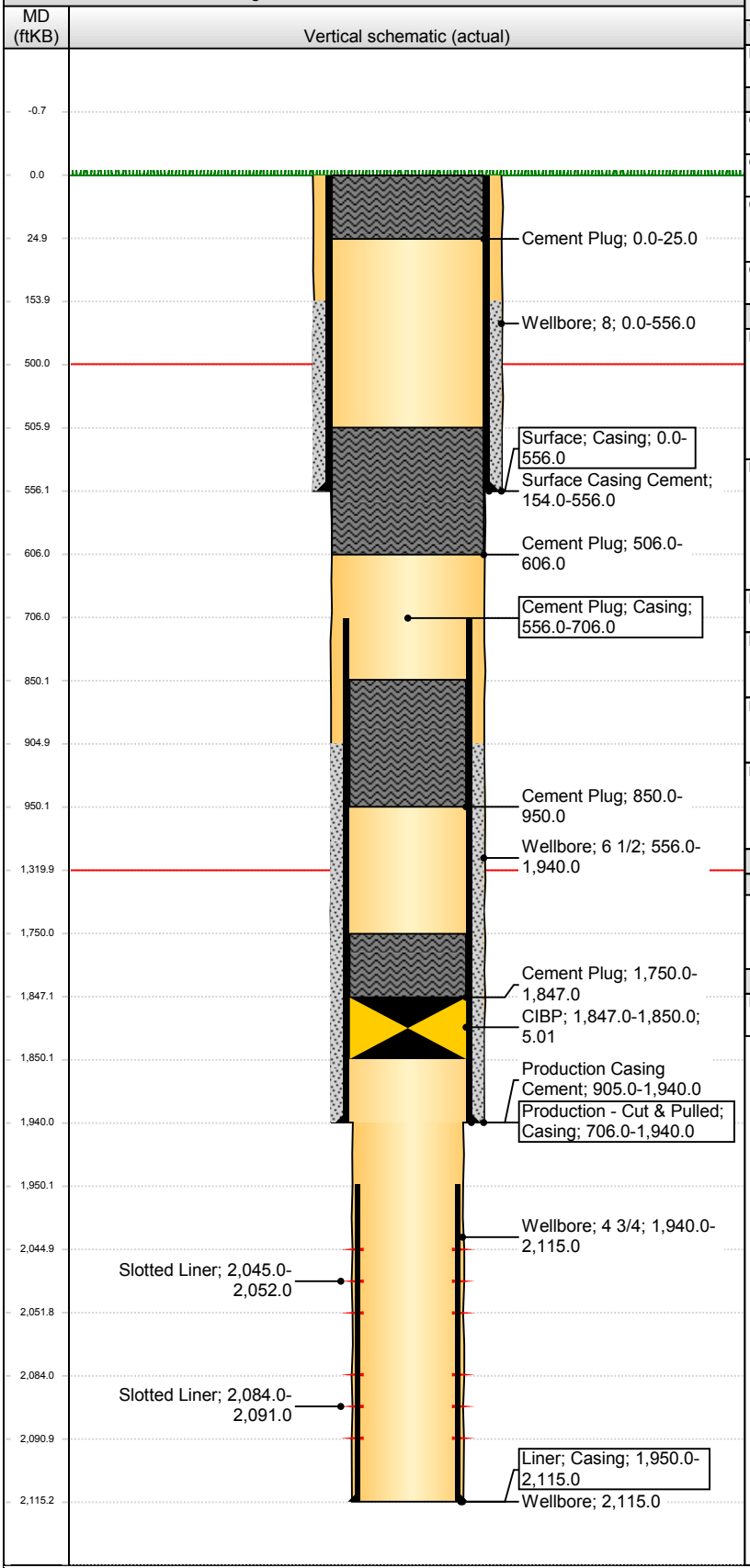
NM P&A Schematic

Well Name: TURNER B 14

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
300150528600	PB-GRAYBURG	Eddy	NM	20	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,667.00	3,667.00	0.00	6/15/1944		8/16/1944			Yes

Original Hole, 1/13/2015 11:39:40 AM



Original Hole Data

Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag
660.0	FSL	1,980.0	FWL

Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Surface	556.0	7	6.456	20.00	J-55	6/15/1944
Cement Plug	706.0		6 1/2			3/15/1976
Production - Cut & Pulled	1,940.0	5 1/2	5.012	14.00	J-55	8/16/1944
Liner	2,115.0	4 1/2	4.09	9.50	J-55	8/17/1944

Cement Stages

Description	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
Surface Casing Cement	154.0	556.0	Calculated	Cemented w/ 50 sx TOC @ 154' (calc). Assume 1.32 cu ft/sx and 50% fillup
Production Casing Cement	905.0	1,940.0	Calculated	Cemented w/ 100 sx TOC @ 935' (calc). Assume 1.35 cu ft/sx and 50% fillup
Cement Plug	0.0	25.0	Tag	10 sx cmt surface plug
Cement Plug	506.0	606.0	Tag	35 sx class H cmt across 7" csg shoe (Tagged)
Cement Plug	850.0	950.0	Tag	35 sx class H cmt (Tagged)
Cement Plug	1,750.0	1,847.0	Tag	35 sx cmt on top of CIBP

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Com
CIBP	1,847.0	1,850.0	3/15/1976	Spotted 35 sx cmt on top of plug. TOC @ 1750' (tag)

Formations

Formation	Final Top...	Final Btm...	Comment
Salt	500.0	1,320.0	

Corey & SF

(May 1963)

DEPARTMENT OF THE INTERIOR (Other instructions on reverse side)

GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R1424.

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—" for such proposals.)

RECEIVED
AUG 26 1976
O. C. D.
ARTESIA, OFFICE

5. LEASE DESIGNATION AND SERIAL NO.: LC 029395 (b)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1. OIL WELL [X] GAS WELL [ ] OTHER

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: Atlantic Richfield Company

8. FARM OR LEASE NAME: Turner "B"

3. ADDRESS OF OPERATOR: P. O. Box 1710, Hobbs, New Mexico 88240

9. WELL NO.: 14

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 660' FSL & 1980' FWL (Unit Letter N)

10. FIELD AND POOL, OR WILDCAT: Fren Seven Rivers

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: 20-17S-31E

14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.)	12. COUNTY OR PARISH	13. STATE
	3667' DF	Eddy	N.M.

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other) Plug & Abandon			[X]
(Other)			[ ]	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

Rigged up on 3/15/76, installed BOP. POH w/69 jts 2-3/8" OD EUE tbg. WIH w/5½" CIBP on WL, set BP @ 1850'. Spotted 35 sx Cl H cmt on top of BP. Top of cmt plug @ 1750'. Stretched 5½" csg, free point indicated @ 840'. WIH w/jet cutter on WL & cut 5½" csg @ 700'. Pulled & recovered. Circ hole w/heavy gelled mud. Spotted 35sx Cl H cmt across 5½" OD csg stub @ 706' (100' plug 850-950'). Spotted 35 sx Cl H cmt across 7" csg shoe & top of salt (100' plug 506-606'). Spotted 10 sx Cl H cmt @ surface. Installed regulation dry hole marker. P&A eff 3/16/76. Cleaned & levelled location in accordance w/USGS & BLM stipulations. Your office to be notified when location is ready for inspection.

RECEIVED
MAR 26 1976
U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

18. I hereby certify that the foregoing is true and correct

SIGNED _____ TITLE Dist. Drlg. Supv. DATE 3/24/76

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

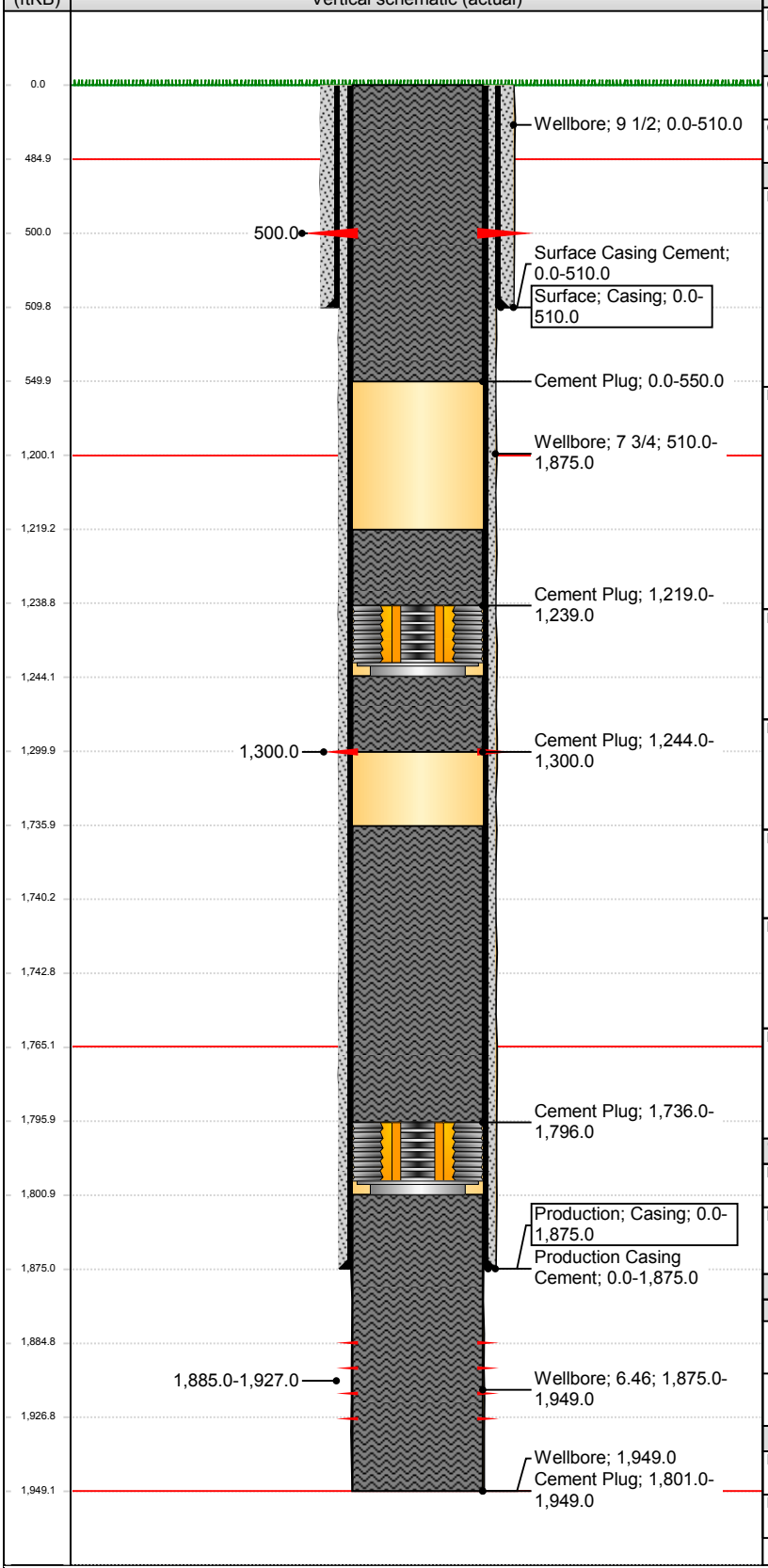
NM Regulatory Schematic

Well Name: TURNER B 15

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
300150528700	PBNM - PB-GRAYBURG	Eddy	NM	20	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,626.00	3,626.00	0.00	8/31/1944	10/19/1944	10/19/1944			Yes

Original Hole, 1/12/2015 11:46:41 AM



Original Hole Data

Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag
1,980.0	FNL	660.0	FWL

Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Surface	510.0	8 1/4	7 3/4	28.00	H-40	9/11/1944
Production	1,875.0	7	6.456	20.00	H-40	10/9/1944

Cement Stages

Prop Drill Out?	Des	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
No	Surface Casing Cement	0.0	510.0	Calculated & Tagged	Cemented w/ 50 sx. TOC @ 160' (calc). Assumes 1.32 cu ft/sx and 50% fillup. Fillled backside w/150 sx class H neat to surface during P&A
No	Production Casing Cement	0.0	1,875.0	Calculated & Tagged	Cemented w/ 100 sx. TOC @ 1535' (calc). Assumes 1.32 cu ft/sx and 50% fillup. Squeezed cement thru perfs @ 1535' w/150 + 353 sx cmt to surface during P&A
Yes	Cement Plug	0.0	550.0	Tag	Squeezd cement thru perfs @ 550'. PROPOSED: DRILL OUT
Yes	Cement Plug	1,219.0	1,239.0	Tag	Cap cement retainer w/20' cement. PROPOSED: DRILL OUT
Yes	Cement Plug	1,244.0	1,300.0	Tag	Set cmt plug @ 1300'. PROPOSED: DRILL OUT
Yes	Cement Plug	1,736.0	1,796.0	Tag	Capped cmt. retainer w/60' cmt. PROPOSED: DRILL OUT
Yes	Cement Plug	1,801.0	1,949.0	Tag	Cement OH w/150 sx class H neat. PROPOSED: DRILL OUT

Tubing Components

Prop Run?	Item Description	OD (in)	ID (in)	Wt (lb/ft)	Length (ft)
Yes	IPC Tubing	2 3/8	1.995	4.60	1,740.00
Yes	Arrowset-1X (NP) Pkr w/ On/off Tool	2 3/8			2.75

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Com
Retainer	1,796.0	1,801.0	10/7/1986	PROPOSED: DRILL OUT
Retainer	1,239.0	1,244.0	10/7/1986	PROPOSED: DRILL OUT

Formations

Formation	Final Top...	Final Btm...	Comment
Salt	485.0	1,200.0	
Seven Rivers	1,765.0	1,949.0	PROPOSED: INJECTION INTERVAL

Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.: LC 029395 (b)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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—" for such proposals.)

RECEIVED BY
DEC 12 1986
O. C. D.
ARTESIA, OFFICE

7. UNIT AGREEMENT NAME:

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: ARCO Oil and Gas Company

8. FARM OR LEASE NAME: Turner "B"

3. ADDRESS OF OPERATOR: P. O. Box 1610, Midland, Texas 79702

9. WELL NO.: 15

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1980' FNL & 660' FWL (Unit E)

10. FIELD AND POOL, OR WILDCAT: Fren Seven Rivers

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: 20-17S-31E

14. PERMIT NO: API #30-015-05287

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 3625 GR

12. COUNTY OR PARISH: Eddy

13. STATE: NM

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF [ ]	PULL OR ALTER CASING [ ]	WATER SHUT-OFF [ ]	REPAIRING WELL [ ]
FRACTURE TREAT [ ]	MULTIPLE COMPLETE [ ]	FRACTURE TREATMENT [ ]	ALTERING CASING [ ]
SHOOT OR ACIDIZE [ ]	ABANDON* [ ]	SHOOTING OR ACIDIZING [ ]	ABANDONMENT* [X]
REPAIR WELL [ ]	CHANGE PLANS [ ]	(Other) [ ]	
(Other)		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

10-7-86 MIRU PU. POH w/28 jts 5-1/2" inner liner & hook wall pkr. RIH w/CICR on WS & set @ 1801'. Cmtd OH f/1801-1949' w/150 sx Cl "H" Neat. Unsting & CO cmt w/9.5# BW. Dmpd 60' cmt on CICR. (OH Plug). Perf'd 7" csg w/4 shots @ 1300'. RIH w/CICR on WS & set @ 1244'. Cmt'd holes @ 1300' w/150 sx Cl "H" Neat. Dmpd 20' cmt on CR (B-Salt). Perf 7" & 8-5/8" csg @ 500'. Cmt'd down 7" csg thru holes @ 500' w/353 sx Cl "H" Neat. Cmt circ'd to cellar via 8-5/8" csg annulus, not 8-5/8" x 7" annulus. (7" csg was previously split). RIH w/WS OE. Tag'd @ 404'. Spot'd 128 sx Cl "H" Neat to fill 7" csg f/0-404'. Cut-off WH & weld on P&A marker. Pmpd via 1" tbg w/150 sx Cl "H" Neat to fill 8-5/8" x OH. Well P&A'd 10-10-86.



18. I hereby certify that the foregoing is true and correct

SIGNED Kenneth Gosnell TITLE Engr. Tech. Spec. 915-688-5672 DATE 12-2-86

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE 12-9-86

CONDITIONS OF APPROVAL, IF ANY:

Liability under bond is retained until surface restoration is completed.

Post ID-2
12-19-86
P+A

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

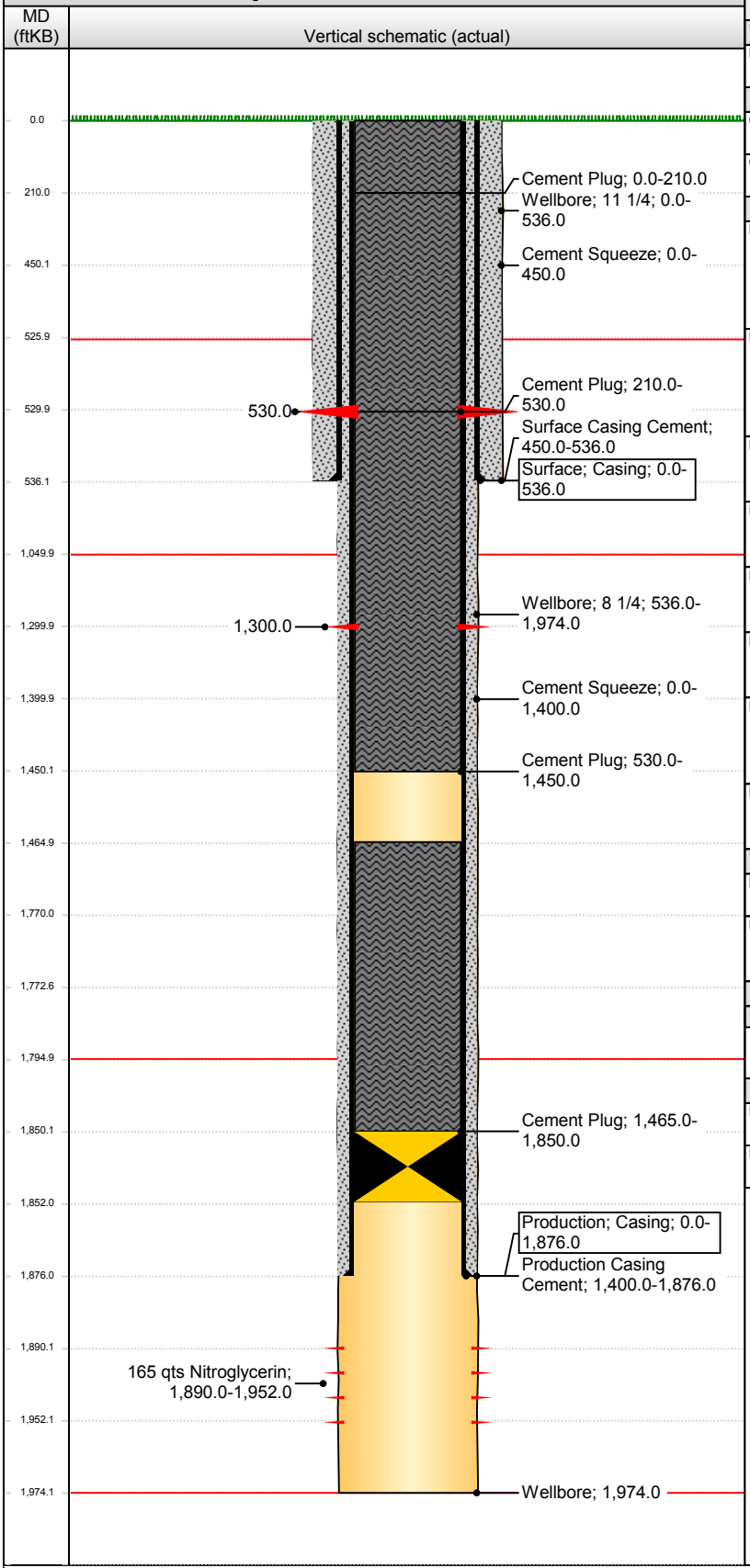
NM Regulatory Schematic

Well Name: TURNER B 16

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
300150528800	PBNM - PB-GRAYBURG	Eddy	NM	20	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,639.52	3,639.52	0.00	11/2/1944		12/16/1944			Yes

Original Hole, 1/12/2015 12:50:16 PM



Original Hole Data

Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag
1,980.0	FNL	1,980.0	FWL

Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Surface	536.0	8 5/8	8.017	28.00	H-40	11/12/1944
Production	1,876.0	7	6.456	20.00	H-40	12/14/1944

Cement Stages

Prop Drill Out?	Des	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
No	Surface Casing Cement	450.0	536.0	Calculated	50 sx cmt TOC (calc) @ 450'. Assumes 1.32 cu ft/sx and 50% fillup.
No	Production Casing Cement	1,400.0	1,876.0	Calculated	100 sx cmt TOC (calc) @ 1400'. Assumes 1.32 cu ft/sx and 50% fillup.
No	Cement Squeeze	0.0	1,400.0	Tag	200 sx cmt Circ cmt to surf.
No	Cement Squeeze	0.0	450.0	Tag	200 sx cmt Circ cmt to surf
Yes	Cement Plug	0.0	210.0	Tag	50 sx cmt
Yes	Cement Plug	210.0	530.0	Tag	200 sx cmt
Yes	Cement Plug	530.0	1,450.0	Tag	Could not pump into perf @ 1300' Spot 195 sx cmt
Yes	Cement Plug	1,465.0	1,850.0	Tag	Dumped 115 sx on CIBP

Tubing Components

Prop Run?	Item Description	OD (in)	ID (in)	Wt (lb/ft)	Length (ft)
Yes	IPC Tubing	2 3/8	1.995	4.70	1,770.00
Yes	Arrowset-1X (NP) Pkr w/ On/off Tool	7			2.75

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Com
CIBP	1,850.0	1,852.0	7/2/1986	PROPOSED: DRILL OUT

Formations

Formation	Final Top...	Final Btm...	Comment
Salt	526.0	1,050.0	
Seven Rivers	1,795.0	1,974.0	PROPOSED: INJECTION INTERVAL

Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM OIL CONSERVATION DIVISION (Other instructions on reverse side)
Artesia, NM 88210

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.: LC 029395 B

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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—" for such proposals.)

RECEIVED BY
DEC 12 1986
O. C. D.

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: ARCO Oil and Gas Company

3. ADDRESS OF OPERATOR: P. O. Box 1610, Midland, Texas 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1980 FNL & 1980 FWL (Unit F)

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Turner "B"

9. WELL NO.: 16

10. FIELD AND POOL, OR WILDCAT: Fren Seven Rivers

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: 20-17S-31E

14. PERMIT NO.: 30-015-05288

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 3713 GR

12. COUNTY OR PARISH: Eddy

13. STATE: NM

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[X]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)	[ ]		[ ]
(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

7-2-86 RU PU. P&A'd as follows:

Plug	Cmt	Interval	
1	115sx	1465-1850	Spot on top CIBP @ 1850. WOC. Tag TOC @ 1465.
2	195sx	530-1450	Perf @ 1300. Could not pump into. Spot f/1450-530.
3	250sx	0- 530	Perf @ 530. Pumped 200sx cmt down 7" csg followed by 5 bbls water. Circ cmt to surface. Spot 50sx f/210-0.

Well P&A'd 7-3-86

18. I hereby certify that the foregoing is true and correct

SIGNED Ken W Gosnell TITLE Engr. Tech. Spec. 915-688-5672 DATE 9-3-86

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE 12-9-86

CONDITIONS OF APPROVAL, IF ANY:

Approved as to plugging of the well bore. Liability under bond is retained until surface restoration is completed.

Post ID-2
9-19-86
P+A

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

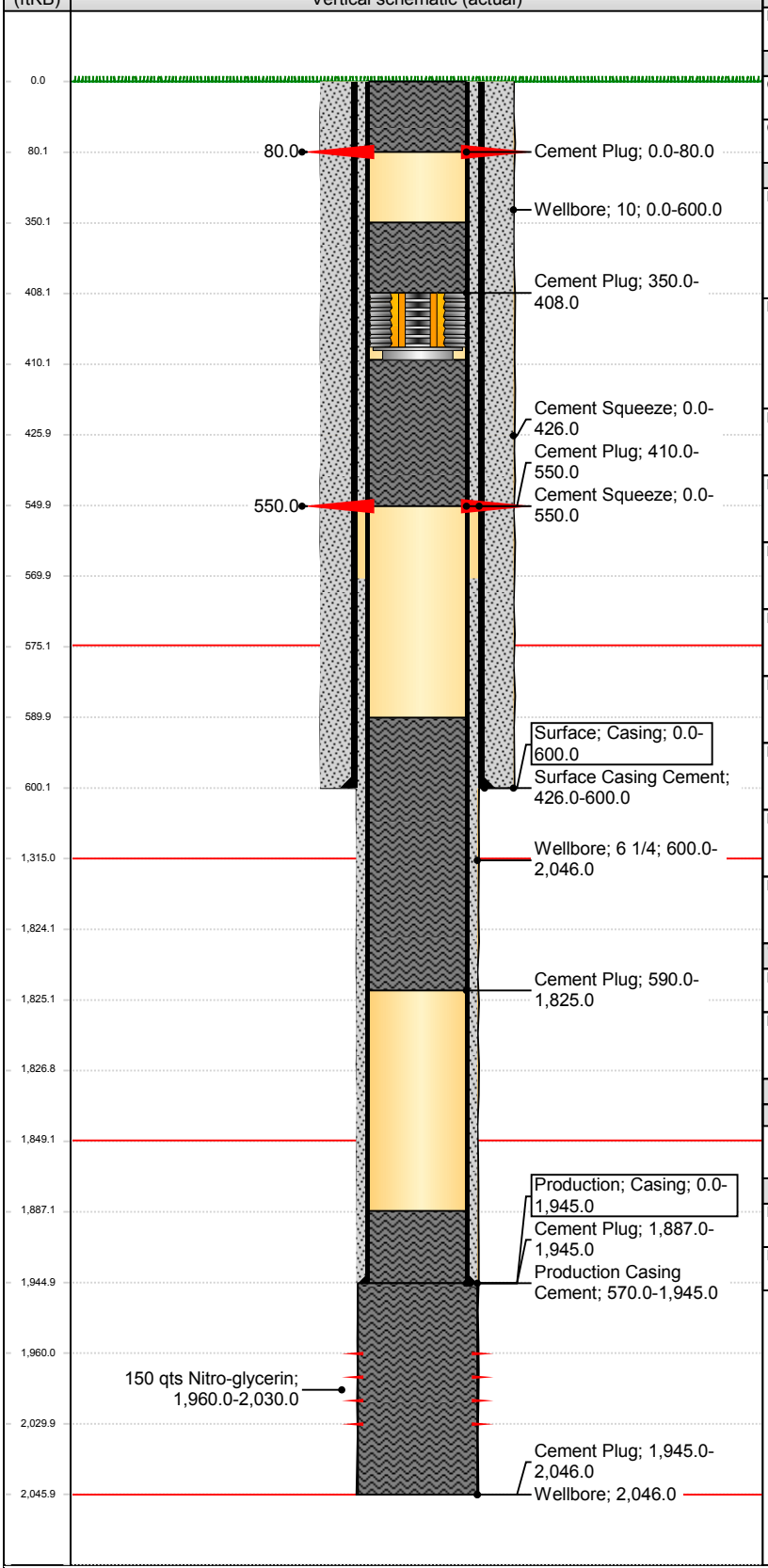
NM Regulatory Schematic

Well Name: TURNER B 17

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
300150528900	PBNM - PB-GRAYBURG	Eddy	NM	20	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,662.24	3,662.24	0.00	11/12/1944		12/31/1944			Yes

Original Hole, 1/12/2015 1:03:28 PM



Original Hole Data

Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag
1,980.0	FSL	1,980.0	FWL

Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Surface	600.0	7	6.366	24.00	J-55	11/23/1944
Production	1,945.0	5 1/2	5.012	14.00	J-55	12/29/1944

Cement Stages

Prop Drill Out?	Des	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
No	Surface Casing Cement	426.0	600.0	Calculated	50 sx cmt TOC (calc) @ 426'. Assumes 1.32 cu ft/sx and 50% fillup.
No	Production Casing Cement	570.0	1,945.0	Calculated	100 sx cmt TOC (calc) @ 570'. Assumes 1.32 cu ft/sx and 50% fillup.
No	Cement Squeeze	0.0	550.0	Tag	100 sx cmt
No	Cement Squeeze	0.0	426.0	Tag	180 sx cmt Circ cmt
Yes	Cement Plug	0.0	80.0	Tag	180 sx cmt Circ cmt
Yes	Cement Plug	350.0	408.0	Tag	Dumped 15 sx on CR
Yes	Cement Plug	410.0	550.0	Tag	100 sx cmt
Yes	Cement Plug	590.0	1,825.0	Tag	125 sx cmt
Yes	Cement Plug	1,887.0	1,945.0	Tag	110 sx cmt
Yes	Cement Plug	1,945.0	2,046.0	Tag	110 sx cmt

Tubing Components

Prop Run?	Item Description	OD (in)	ID (in)	Wt (lb/ft)	Length (ft)
Yes	IPC Tubing	2 3/8	1.995	4.60	1,824.00
Yes	Arrowset-1X (NP) Pkr w/ On/off Tool	5 1/2			2.75

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Com
Cement Retainer	408.0	410.0	11/11/1986	PROPOSED: DRILL OUT

Formations

Formation	Final Top...	Final Btm...	Comment
Salt	575.0	1,315.0	
Seven Rivers	1,849.0	2,046.0	PROPOSED: INJECTION INTERVAL

Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES NM OIL CONS. COMMISSION
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT Artesia, NM 88210

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.: LC 029395 (b)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

c/sf

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—" for such proposals.)

RECEIVED BY
JAN 19 1987
O. C. D.
ARTESIA, OFFICE

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: ARCO Oil and Gas Company

3. ADDRESS OF OPERATOR: P. O. Box 1610, Midland, Texas 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface: 1980' FSL & 1980' FWL (Unit K)

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Turner "B"

9. WELL NO.: 17

10. FIELD AND POOL, OR WILDCAT: Fren Seven Rivers

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: 20-17S-31E

12. COUNTY OR PARISH: Eddy

13. STATE: NM

14. PERMIT NO.: 30-015-05289

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[X]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			
(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

11-11-86. RU PU.

Plug	Interval	Cmt	Remarks
1	1887-2046'	110 sx	CR @ 1887'. (Seven Rivers OH)
2	590-1825'	125 sx	Spot.
3	350-550'	100 sx	Perf @ 550. CR @ 408'. Circ cmt out 5½" x 7" ann. Dumped 15 sx on CR.
4	0-80'	180 sx	Perf 5½" & 7" @ 80'. Circ cmt behind 7" csg.

Cut off 7" & 5-1/2" csg. Weld on plate & dry hole marker. P&A'd 11-12-86. Plug witnessed by A. W. Nelson.

RECEIVED
DEC 29 1986
SUPERVISOR, DISTRICT II
ARTESIA, OFFICE

18. I hereby certify that the foregoing is true and correct

SIGNED Ken W Gosnell TITLE Engr. Tech. Spec. 915-688-5672 DATE 12-23-86

(This space for Federal or State office use)

APPROVED BY Acting Area Manager TITLE _____ DATE 1-15-87

CONDITIONS OF APPROVAL, IF ANY:

Post ID-2
1-23-87
P+A

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

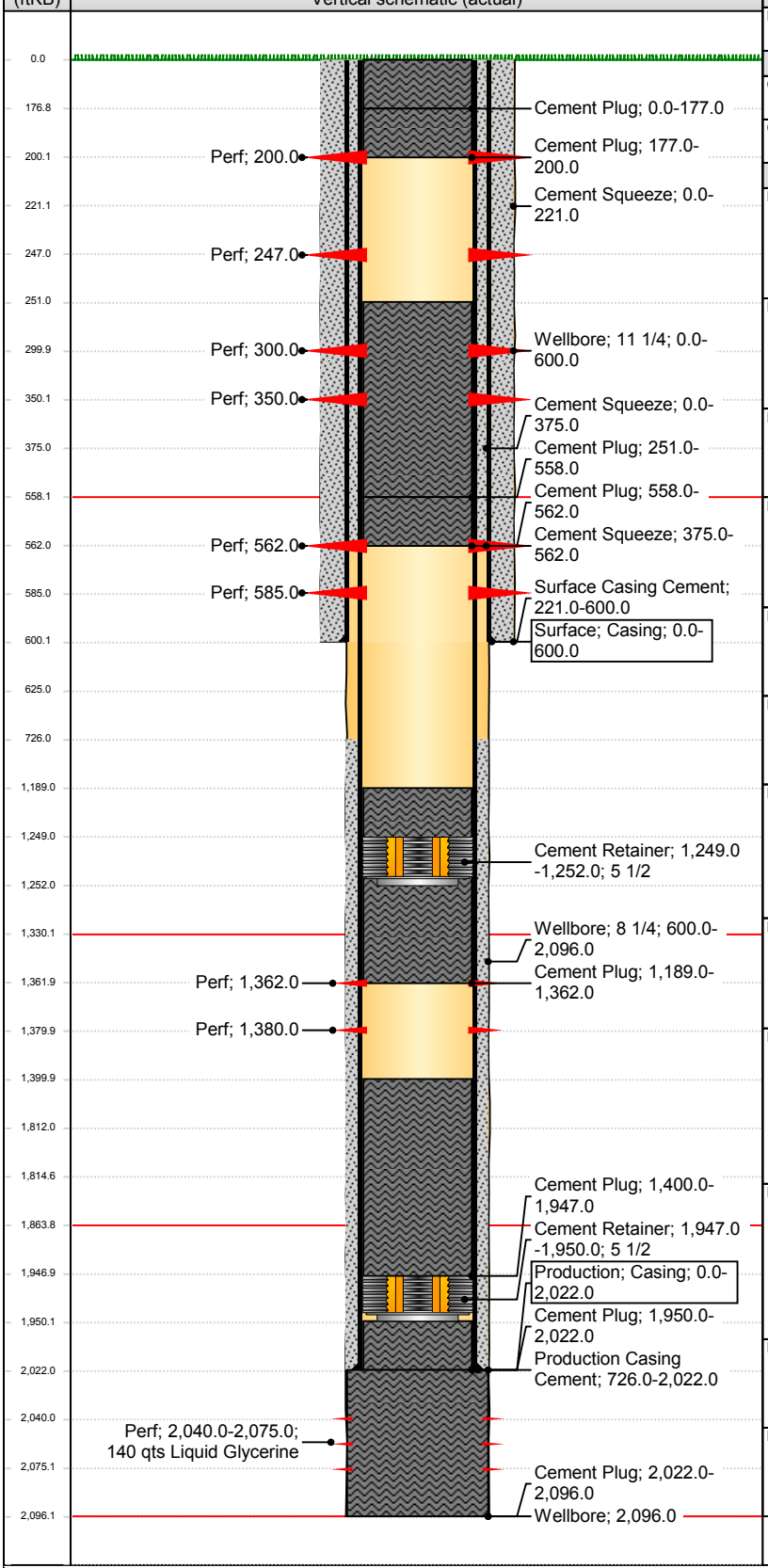
NM Regulatory Schematic

Well Name: TURNER B 19

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
300150529100	PBNM - PB-GRAYBURG	Eddy	NM	20	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,725.89	3,725.89	0.00	7/16/1945		8/26/1945			Yes

Original Hole, 2/25/2015 7:23:33 AM



Original Hole Data

Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag
1,980.0	FSL	660.0	FEL

Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Surface	600.0	8 5/8	8.097	24.00	J-55	7/30/1945
Production	2,022.0	7	6.456	20.00	J-55	8/25/1945

Cement Stages

Prop Drill Out?	Des	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
No	Surface Casing Cement	221.0	600.0	Calculated	Cemented w/ 50 sx. TOC @ 221' (calc). Assumes 1.32 cu ft/sx and 50% fillup.
No	Production Casing Cement	726.0	2,022.0	Calculated	Cemented w/ 100 sx. TOC @ 726' (calc). Assumes 1.32 cu ft/sx and 50% fillup.
No	Cement Squeeze	0.0	375.0	Tag	Pump 40 sx cmt & 25 sx thixotropic cmt down 7" annulus.
No	Cement Squeeze	375.0	562.0	Tag	Squeeze 400 sx cmt into @ 562' perfs. TOC @ 375' (temp survey)
No	Cement Squeeze	0.0	221.0	Tag	Pump 25x thixotropic down 8-5/8" annulus. Circ to surface.
Yes	Cement Plug	0.0	177.0	Tag	47 sx cmt. PROPOSED: DRILL OUT
Yes	Cement Plug	177.0	200.0	Tag	250 sx class C cmt Estab PIR w/no returns @ 247'. PROPOSED: DRILL OUT
Yes	Cement Plug	251.0	558.0	Tag	153 sx class C cmt. Tagged @ 251' PROPOSED: DRILL OUT
Yes	Cement Plug	558.0	562.0	Tag	300 sx class C cmt + 100 sx thixotropic cmt. Could not Pump in Perf @ 585'. PROPOSED: DRILL OUT
Yes	Cement Plug	1,189.0	1,362.0	Tag	150 sx cmt Could not Pump in Perf @ 1380' 60 ft cmt on top of CR. PROPOSED: DRILL OUT
Yes	Cement Plug	1,400.0	1,947.0	Tag	74 sx cmt. PROPOSED: DRILL OUT
Yes	Cement Plug	1,950.0	2,022.0	Tag	150 sx cmt. (1950-2046') PROPOSED: DRILL OUT

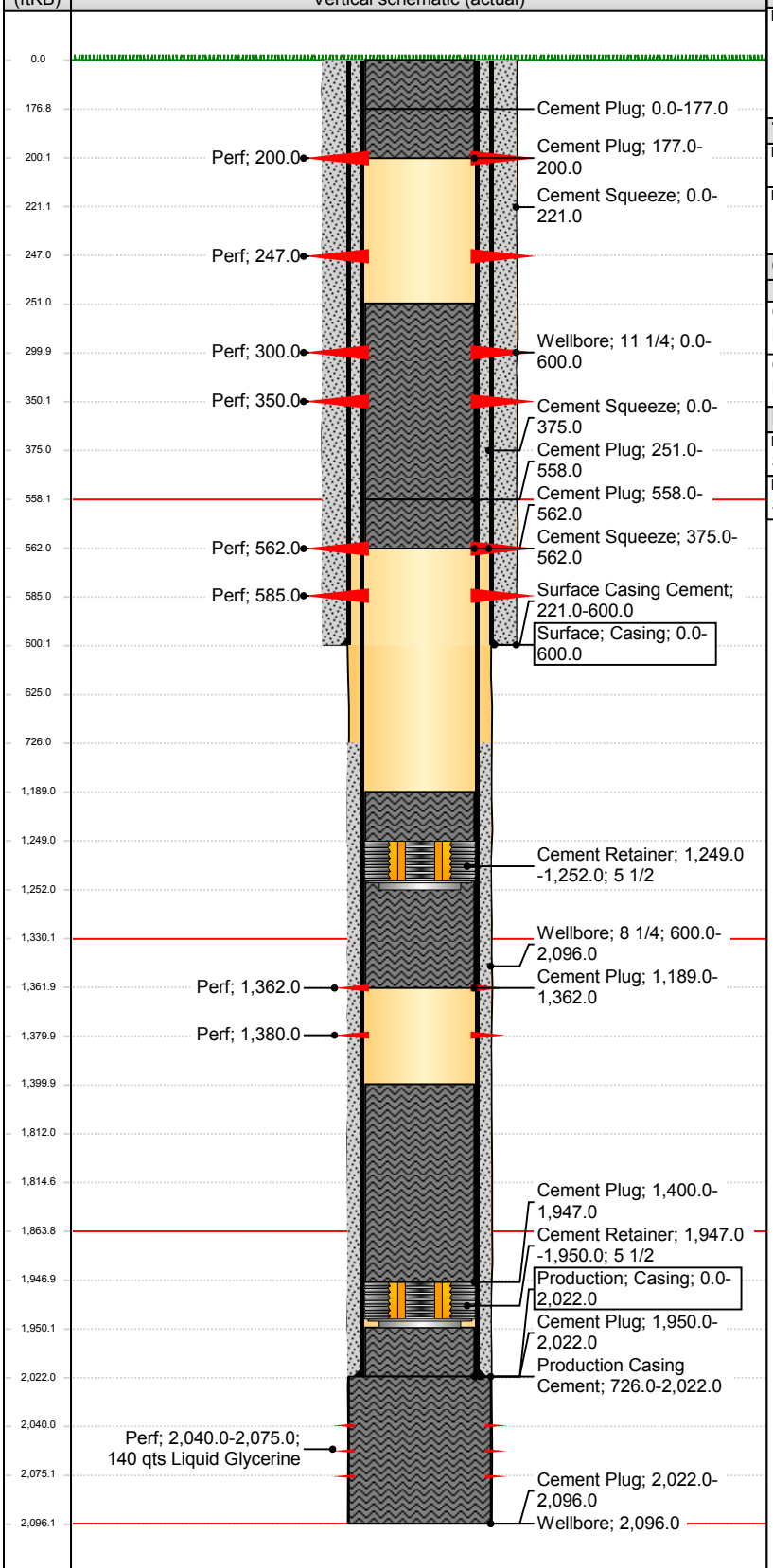
NM Regulatory Schematic

Well Name: TURNER B 19

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
300150529100	PBNM - PB-GRAYBURG	Eddy	NM	20	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,725.89	3,725.89	0.00	7/16/1945		8/26/1945			Yes

Original Hole, 2/25/2015 7:23:33 AM



Original Hole Data

Cement Stages

Prop Drill Out?	Des	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
Yes	Cement Plug	2,022.0	2,096.0	Tag	150 sx cmt OH Plug. (1950-2046') PROPOSED: DRILL OUT

Tubing Components

Prop Run?	Item Description	OD (in)	ID (in)	Wt (lb/ft)	Length (ft)
Yes	IPC Tubing	2 3/8	1.995	4.60	1,812.00
Yes	Arrowset-1X (NP) Pkr w/ On/off Tool	7			2.75

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Com
Cement Retainer	1,249.0	1,252.0	11/13/1986	60 ft cmt on top
Cement Retainer	1,947.0	1,950.0	11/13/1986	

Formations

Formation	Final Top...	Final Btm...	Comment
Salt	558.0	1,330.0	
Seven Rivers	1,864.0	2,096.0	PROPOSED: INJECTION INTERVAL

Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE* (Other instructions reverse side)

Artesia, NM 88210

Budget Bureau No. 1004-0
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO. LC 029395 (b)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME: Turner "B"

9. WELL NO.: 19

10. FIELD AND POOL, OR WILDCAT: Fren Seven Rivers

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: 20-17S-31E

12. COUNTY OR PARISH: Eddy

13. STATE: NM

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—" for such proposals.)

RECEIVED
DEC 24 1986
DIST. 2 N.M.
RECEIVED BY
JAN -9 1987
O. C. D.
ARTESIA, OFFICE

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: ARCO Oil and Gas Company

3. ADDRESS OF OPERATOR: P. O. Box 1610, Midland, Texas 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface: 1980 FSL & 660 FEL (Unit I)

14. PERMIT NO.: 30-015-05291

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 3726 DF

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF [ ]	PULL OR ALTER CASING [ ]	WATER SHUT-OFF [ ]	REPAIRING WELL [ ]
FRACTURE TREAT [ ]	MULTIPLE COMPLETE [ ]	FRACTURE TREATMENT [ ]	ALTERING CASING [ ]
SHOOT OR ACIDIZE [ ]	ABANDON* [ ]	SHOOTING OR ACIDIZING [ ]	ABANDONMENT* [X]
REPAIR WELL [ ]	CHANGE PLANS [ ]	(Other) [ ]	
(Other)		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

RU PU 11-13-86. P&A'd as follows:

Plug	Interval	Cmt	Remarks
1	1947-2096	150sx	CR @ 1947. (OH plug)
2	1400-1947	74sx	PO CR & spot 74 sx.
3	1189-1362	150sx	Perf @ 1380. Could not pump into.
			Perf @ 1362. CR @ 1249 w/60 ft cmt on top. (B-salt)
4	0- 562		Perf @ 585. Could not pump into.
			Perf @ 562. Pumped 300sx Cl "C". WOC. Pumped 100sx thixotropic cmt.
			TS indicate TOS @ 375.
			Perf @ 350. Estab PIR w/no returns.
			Perf @ 300. Estab PIR w/slight blow on ann.
			Spot cmt f/558-250 w/153sx Cl "C". WOC.
			Tag TOC @ 251.
			Perf @ 247. Estab PIR w/no returns.
			Perf @ 200. Estab PIR w/circ to surf.
			Cmt holes @ 200 w/250sx CL "C". Broke circle outside surf. csg. WOC.
			Tag TOC @ 177. Spot 47sx cmt f/0-177. Pumped 20 sx down 7" ann. WOC.
			Pumped add'l 20 sx down 7" ann. WOC. Pumped 25sx thixotropic down 7" ann. Circ.
			out 8-5/8 ann. Pumped 25sx thixotropic into 8-5/8" ann. Pumped 30 sx down 7" ann.

CO Wellhd. Install Dryhole marker. Well P&A'd 11-19-86

18. I hereby certify that the foregoing is true and correct

SIGNED Ken W Gosnell TITLE Engr. Tech. Spec. 915-688-5672 DATE 12-22-86

(This space for Federal or State office use)

APPROVED BY Orig. Sgd. Charles S. Dickson TITLE _____ DATE 1-7-87

CONDITIONS OF APPROVAL, IF ANY:

Approved as to plugging of the well bore. Liability under bond is retained until surface restoration is completed.

Post ID-2
1-16-87
P&A

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

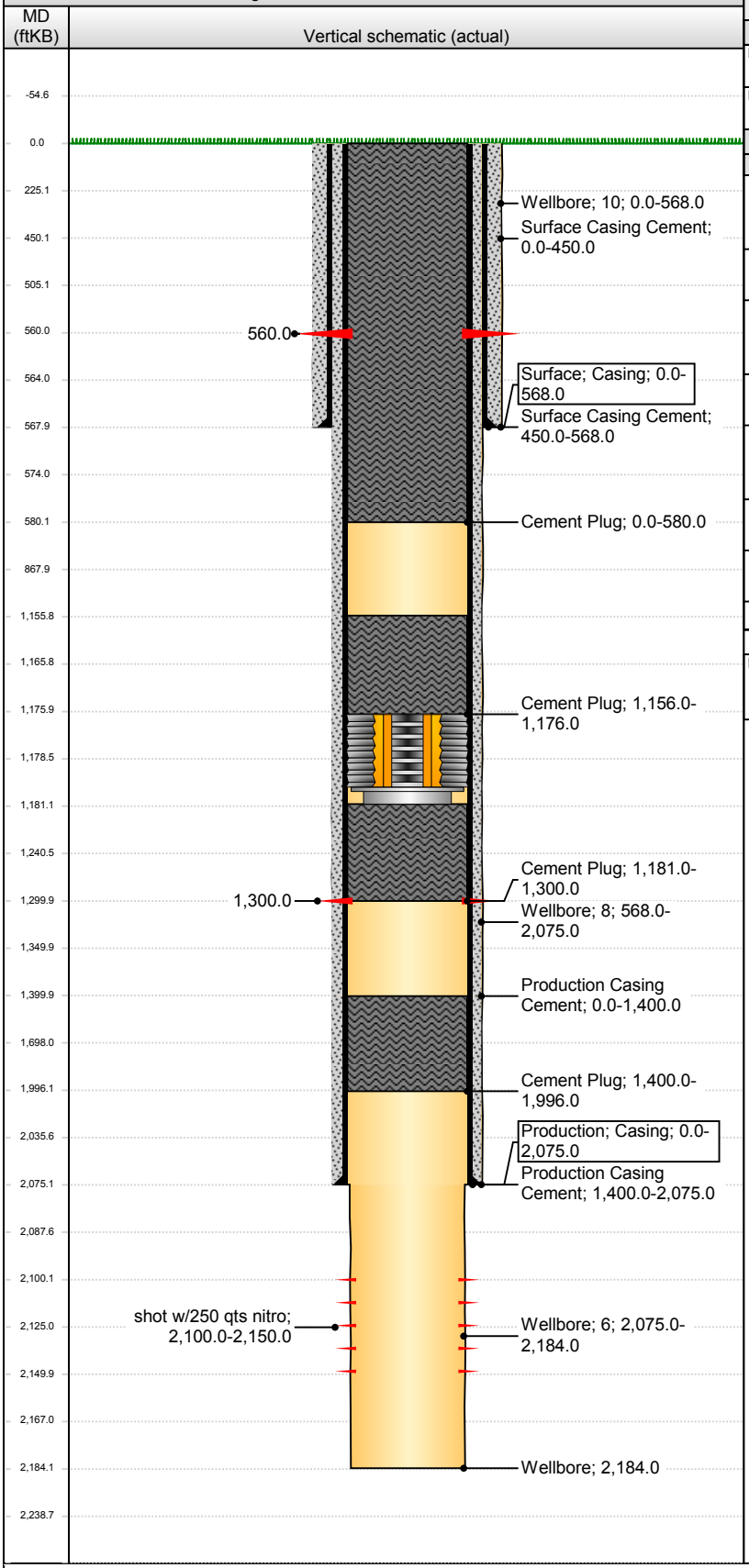
NM Sundry Schematic

Well Name: TURNER B 20

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
300150529200	PBNM - PB-GRAYBURG	Eddy	NM	20	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,751.00	3,751.00	0.00	10/13/1945	11/23/1945	11/23/1945			Yes

Original Hole, 12/17/2014 8:58:34 AM



Original Hole Data

Casing Strings

Run Date	Casing Description	Set Depth (ftKB)
	Surface	568.0
	Production	2,075.0

Cement Stages

Des	Top (ftKB)	Btm (ftKB)	Com
Surface Casing Cement	450.0	568.0	50 sx cmt TOC @ 450' (calc)
Surface Casing Cement	0.0	450.0	cmt'd to surface during P&A
Production Casing Cement	1,400.0	2,075.0	100 sx cmt TOC @ 1400' (calc)
Production Casing Cement	0.0	1,400.0	cmt'd to surface during P&A
Cement Plug	0.0	580.0	230 sx class H neat squeezed in perfs @ 560
Cement Plug	1,156.0	1,176.0	dump 20' cmt on top of CR
Cement Plug	1,400.0	1,996.0	114 sx class H neat plug
Cement Plug	1,181.0	1,300.0	

Other In Hole

Description	Top (ftKB)	Btm (ftKB)	OD (in)	Run Date	Comment
Retainer	1,176.0	1,181.0	5 1/2	6/19/1986	

Form 3160-5
(July 1989)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONTACT RECEIVING OFFICE FOR NUMBER OF COPIES REQUIRED (Other instructions on reverse side)

BLM Roswell District
Modified Form No.
NM060-3160-4

C/S1

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—" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO.: LC 029395 (B)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

1. OIL WELL [XX] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: Socorro Petroleum Company ✓

3a. Area Code & Phone No.: 505-677-2360

8. FARM OR LEASE NAME: Turner "B"

3. ADDRESS OF OPERATOR: P.O. Box 38, Loco Hills, NM 88255

9. WELL NO.: 20

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface

760' FSL & 330' FEL (Unit P)

RECEIVED
MAY 24 '90
O. C. D.
ARTESIA, OFFICE

10. FIELD AND POOL, OR WILDCAT: Fren Seven Rivers

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: 20-17S-31E

14. PERMIT NO.: API# 30-015-05292

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 3751 GR

12. COUNTY OR PARISH: Eddy

13. STATE: NM

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[XX]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			
(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

6/20/86 RIH w/pkr. & tbg. to 1996'. Est. pump in rate of 2 BPM @ 1600 psi. POH. Set retainer on tbg. @ 1996'. Tstd. tbg. to 4000 psi. Est. PIR down 2 7/8" tbg. & had communication out 2 7/8" x 7" annulus. SDFN.

6/21/86 POH w/stinger. RIH w/2 7/8" tbg. to 1996'. Sptd. 114 sx. Cl. H from 1996'-1400'. POH. Perf. 4 - .43" holes @ 1300'. WIH w/pkr. on 2 7/8" tbg. & set @ 1176'. Sqzd. perfs. @ 1300' w/150 sx. cmt. Dumped 20' cmt. on retainer. POH. Perf. 4 - .43" holes @ 560'. Sqzd. perfs. down 7" csg. w/230 sx. Cl. H. No. circ. Welded plate on csg. & set DHM.

NOTE: This work performed by Arco Oil & Gas Company 6-20 & 6-21-86.

Well was P&A on 6-21-1986

18. I hereby certify that the foregoing is true and correct

SIGNED Dennis Boulet TITLE Manager DATE 4/11/90

(This space for Federal or State office use)

APPROVED BY _____ TITLE PETROLEUM ENGINEER DATE 5-17-90

CONDITIONS OF APPROVAL, IF ANY:

Approved as to plugging of the well bore. Liability under bond is retained until surface restoration is completed.

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

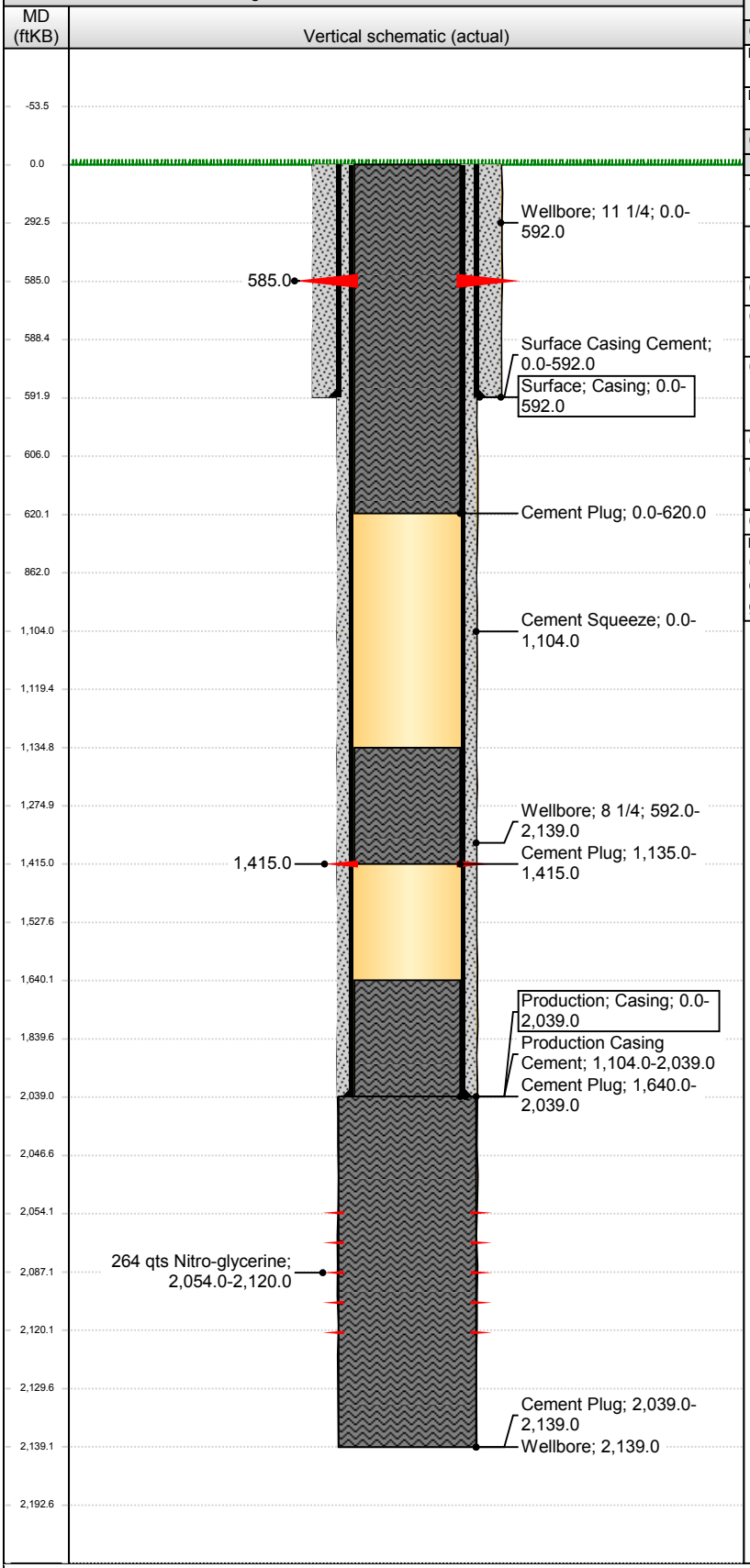
NM Sundry Schematic

Well Name: TURNER B 21

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
300150529300	PBNM - PB-GRAYBURG	Eddy	NM	20	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,702.69	3,702.69	0.00	12/6/1945		1/30/1946			Yes

Original Hole, 12/17/2014 8:51:10 AM



Original Hole Data

Casing Strings

Run Date	Casing Description	Set Depth (ftKB)
12/15/1945	Surface	592.0
1/28/1946	Production	2,039.0

Cement Stages

Des	Top (ftKB)	Btm (ftKB)	Com
Surface Casing Cement	0.0	592.0	50 sx cmt TOC (calc) @
Production Casing Cement	1,104.0	2,039.0	100 sx cmt TOC (calc) @ 1104'
Cement Plug	2,039.0	2,139.0	240 sx class H cmt
Cement Plug	1,640.0	2,039.0	240 sx class H cmt Tag'd & TOC 1640'
Cement Plug	1,135.0	1,415.0	160 sx class H cmt Tag'd & TOC @ 1135'
Cement Plug	0.0	620.0	225 sx class H cmt
Cement Squeeze	0.0	1,104.0	225 sx class H cmt Circ cmt

Other In Hole

Description	Top (ftKB)	Btm (ftKB)	OD (in)	Run Date	Comment
OH Perf w/ 264 qts Nitro-glycerine	2,054.0	2,120.0		1/30/1946	

Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Drawer DD
Artesia, NM 88210

Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.: LC 029395 (B)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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—" for such proposals.)

RECEIVED BY
SEP 15 1986
O. C. D.
ARTESIA, OFFICE

1. OIL WELL [X] GAS WELL [ ] OTHER

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: ARCO Oil and Gas Company, a Division of Atlantic Richfield Co.

8. FARM OR LEASE NAME: Turner "B"

3. ADDRESS OF OPERATOR: P. O. Box 1610, Midland, Texas 79702

9. WELL NO.: 21

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface: 660 FSL & 1980 FEL (Unit O)

10. FIELD AND POOL, OR WILDCAT: Fren Seven Rivers

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: 20-17S-31E

14. PERMIT NO: API #30-015-05293

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 3702.69 DF

12. COUNTY OR PARISH: Eddy | 13. STATE: NM

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[X]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			
(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

8-14-86 MIRU. NU BOP.

8-15-86 Set 7" CR @ 1594'. Cmt'd OH f/2039'-2139' w/240sx Cl "H". POH. Tag'd TOC @ 1640'. Perf'd 4 holes @ 1415' in 7" csg. Cmt'd holes @ 1415' w/160 sx Cl "H". (B-Salt) POH. Tag'd TOC @ 1135'. Perf'd 4 holes @ 585' in 7" csg. Cmt'd perfs @ 585' w/225sx Cl "H". (T-Salt, shoe, surface) Circulated cmt. Left 7" csg full of cmt f/0-585' & 8-5/8" X 7" annulus full of cmt f/0-585'. Cut off WH. Welded on cap over 8-5/8" csg. Installed dry hole marker.

Well P&A'd 8-16-86

Post FD-2
9-19-86
P&A

18. I hereby certify that the foregoing is true and correct

SIGNED Ken W. Gosnell TITLE Engr. Tech. Spec. 915-688-5672 DATE 9-2-86

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the

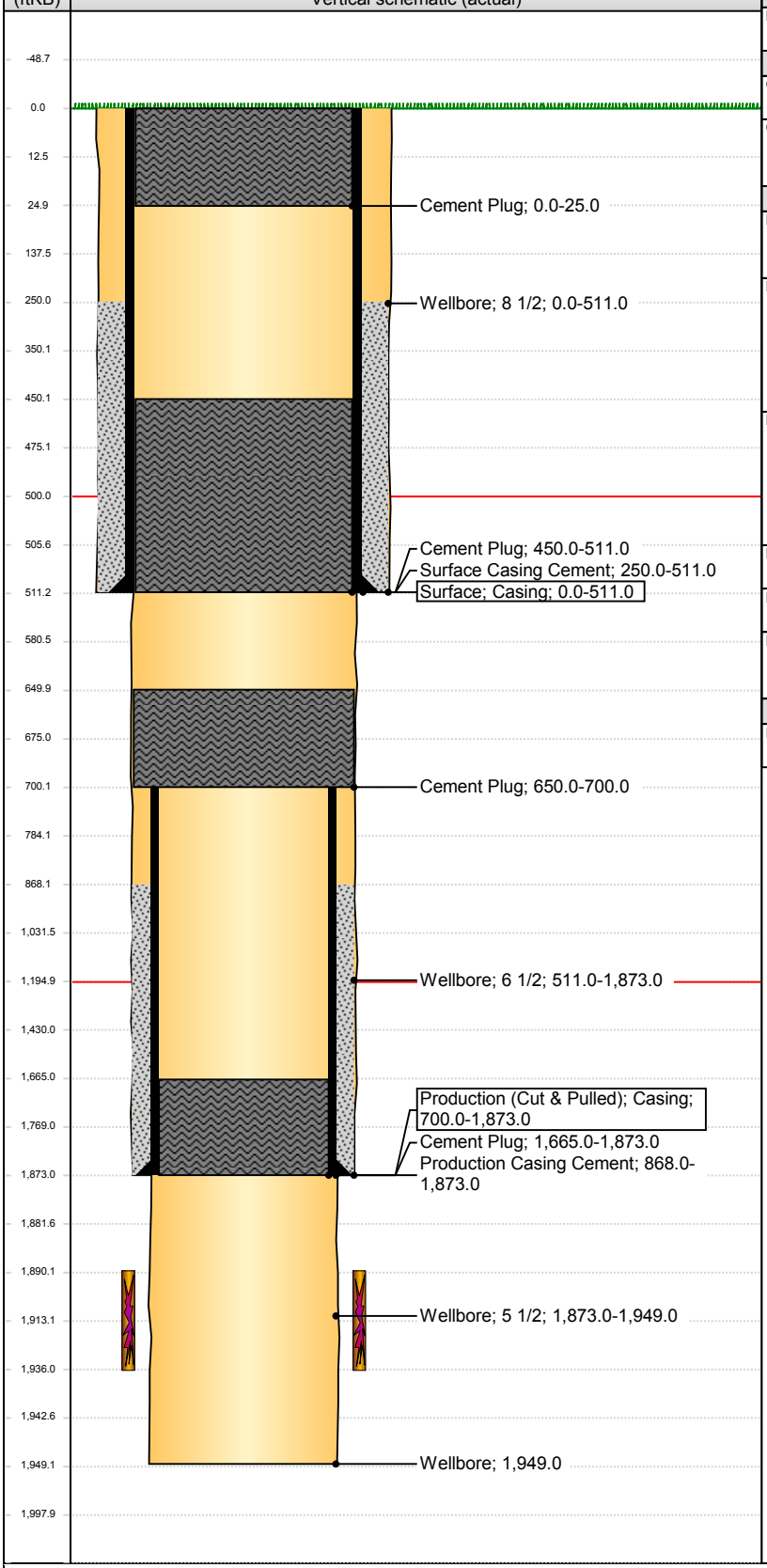
NM P&A Schematic

Well Name: TURNER B 28

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
300150529600	PB-GRAYBURG	Eddy	NM	20	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,617.00	3,617.00	0.00	4/22/1948		6/7/1948			Yes

Original Hole, 1/13/2015 2:36:40 PM



Original Hole Data

Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag
2,310.0	FNL	330.0	FWL

Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Surface	511.0	7	6.456	20.00	J-55	4/22/1948
Production (Cut & Pulled)	1,873.0	5 1/2	5.012	14.00	J-55	6/7/1948

Cement Stages

Description	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
Cement Plug	650.0	700.0	Tag	Spot 35 sx class H plug across 5 1/2" csg stub
Surface Casing Cement	250.0	511.0	Calculated	50 sx cmt TOC @ 250' (calc). Assumes 1.32 cu ft/sx and 50% fillup
Production Casing Cement	868.0	1,873.0	Calculated	100 sx cmt. TOC @ 868' (calc). Assumes 1.32 cu ft/sx and 50% fillup
Cement Plug	0.0	25.0	Tag	10 sx surface plug
Cement Plug	450.0	511.0	Tag	40 sx class H plug
Cement Plug	1,665.0	1,873.0	Tag	Spot 30 sx class H plug 1665'-1873' (tagged)

Formations

Formation	Final Top...	Final Btm...	Comment
Salt	500.0	1,195.0	

Copy to SF

(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

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—" for such proposals.)

RECEIVED
AUG 26 1976
O. C. C.
ARTESIA, OFFICE

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: Atlantic Richfield Company ✓

3. ADDRESS OF OPERATOR: P. O. Box 1710, Hobbs, New Mexico 88240

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface: 2310' FNL & 330' FWL (Unit letter E)

5. LEASE DESIGNATION AND SERIAL NO.: LC 029395 (b)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Turner "B"

9. WELL NO.: 28

10. FIELD AND POOL, OR WILDCAT: Fren Seven Rivers

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: 20-17S-31E

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 3617' GR

12. COUNTY OR PARISH: Eddy

13. STATE: N.M.

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other) Plug & Abandon			[X]
(Other)			[ ]	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

1. On 3/3/76 rigged up & pld rods & pump. Installed BOP. Pulled tbg & MA.
2. Ran 2-3/8" OD EUE tbg OE to 1830' & spotted 30 sx Cl H cmt plug (208') 1665-1873' in btm of 5½" csg. Tagged top of cmt plug @ 1665'.
3. Circ hole w/heavy gelled mud. POH w/tbg.
4. Stretched csg, free pt indicated @ 829'. Cut 5½" OD csg @ 700' & pulled & recovered.
5. WIH w/tbg & spotted 35 sx Cl H cmt across 5½" OD csg stub @ 700'. Tagged cmt plug @ 650'
6. Spotted 40 sx Cl H cmt across 7" OD csg shoe & top of salt @ 511'. Tagged top of cmt plug @ 450'.
7. Spotted 10 sx Cl H cmt plug @ surf & installed regulation dry hole marker. Cleaned & levelled location per USGS & BLM stipulations. P&A eff 3/8/76. Final Report.

Note: Your office to be notified when location is ready for inspection.

RECEIVED
MAR 11 1976
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

18. I hereby certify that the foregoing is true and correct

SIGNED [signature] TITLE Dist. Drlg. Supv. DATE 3/9/76

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

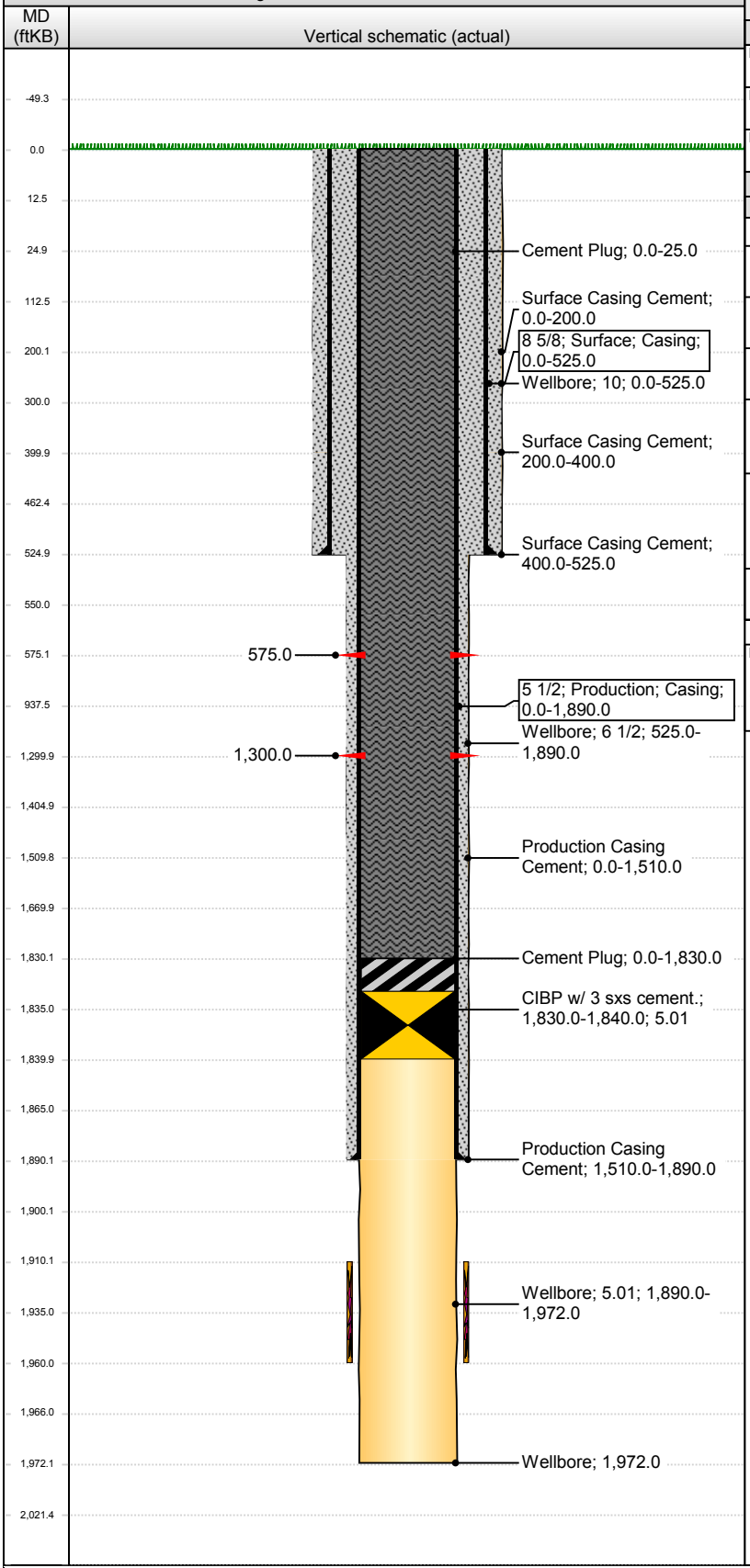
NM Sundry Schematic

Well Name: TURNER B 29

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
300150529700	PB-GRAYBURG	Eddy	NM	20	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,665.00	3,665.00	0.00	11/30/1948		12/30/1948			Yes

Original Hole, 11/3/2014 2:04:58 PM



Original Hole Data

Casing Strings

Run Date	Casing Description	Set Depth (ftKB)
11/30/1948	Surface	525.0
4/7/1998	Production	1,233.0
12/30/1948	Production	1,890.0

Cement Stages

Des	Top (ftKB)	Btm (ftKB)	Com
Surface Casing Cement	400.0	525.0	Cemented w/ 50 sxs.
Surface Casing Cement	200.0	400.0	75 sxs. pumped into casing.
Surface Casing Cement	0.0	200.0	100 sxs. pumped into casing.
Production Casing Cement	1,510.0	1,890.0	Cemented w/ 100 sxs.
Production Casing Cement	0.0	1,510.0	pumped 325 sx cmt into csg total. Assume to surf.
Cement Plug	0.0	1,830.0	Pumped 425 sx cmt total down csg. Assume it fills entire csg to surf
Cement Plug	0.0	25.0	10 sxs for surface plug.

Other In Hole

Description	Top (ftKB)	Btm (ftKB)	OD (in)	Run Date	Comment
CIBP w/ 3 sxs cement.	1,830.0	1,840.0	5.012	2/12/1998	Originally for temporary abandonment.

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division
811 S. 1st Street
Artesia, NM 88210-2834

FORM APPROVED
Budget Bureau No. 1004-0135
Expires March 31, 1993

c/s/f

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
☐ Oil Well ☐ Gas Well ☒ Other P&A

2. Name of Operator
DEVON ENERGY CORPORATION (NEVADA)

3. Address and Telephone No.
20 NORTH BROADWAY, SUITE 1500, OKLAHOMA CITY, OKLAHOMA 73102 (405) 235-3611

RECEIVED
OCD
ARTESIA

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
660' FNL & 660' FWL, Sec. 20-17S-31E

5. Lease Designation and Serial No.
LC-029395-B

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
Turner "B" #29

9. API Well No.
30-015-05297

10. Field and Pool, or Exploratory Area
Grayburg Jackson

11. County or Parish, State
Eddy County, NM

CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
☐ Notice of Intent	☒ Abandonment	☐ Change of Plans
☒ Subsequent Report	☐ Recompletion	☐ New Construction
☐ Final Abandonment Notice	☐ Plugging Back	☐ Non-Routine Fracturing
	☐ Casing Repair	☐ Water Shut-Off
	☐ Altering Casing	☐ Conversion to Injection
	☐ Other ___	☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Post ID-2
4-9-99
P&A

This well was **plugged and abandoned** as follows:

4/7/98 – Perf'd 4 holes @ 1300'. Set cement retainer @ 1233' and pumped 100 sx cement.

Perf'd 4 holes @ 575'. Pumped 150 sxs cement down 5 ½" csg & displaced to 500'.

Tied onto 8 5/8" csg & pumped 75 sx cement.

4/8/98 – Tied onto 8 5/8" surface csg & pumped 100 sx cement.

Pumped 10 sx in 5 ½" csg for surface plug.

Installed dry hole marker.

Approved as to plugging of the well bore. Liability under bond is retained until surface restoration is completed.

14. I hereby certify that the foregoing is true and correct

Signed Karen Byers Title Engineering Technician Date 4/13/98

Karen Byers

(This space for Federal or State office use)

Approved by (ORIG. SGD.) ALEXIS C. SWOBODA Title PETROLEUM ENGINEER Date APR 21 1998

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as any matter within its jurisdiction.

***See Instruction on Reverse Side**

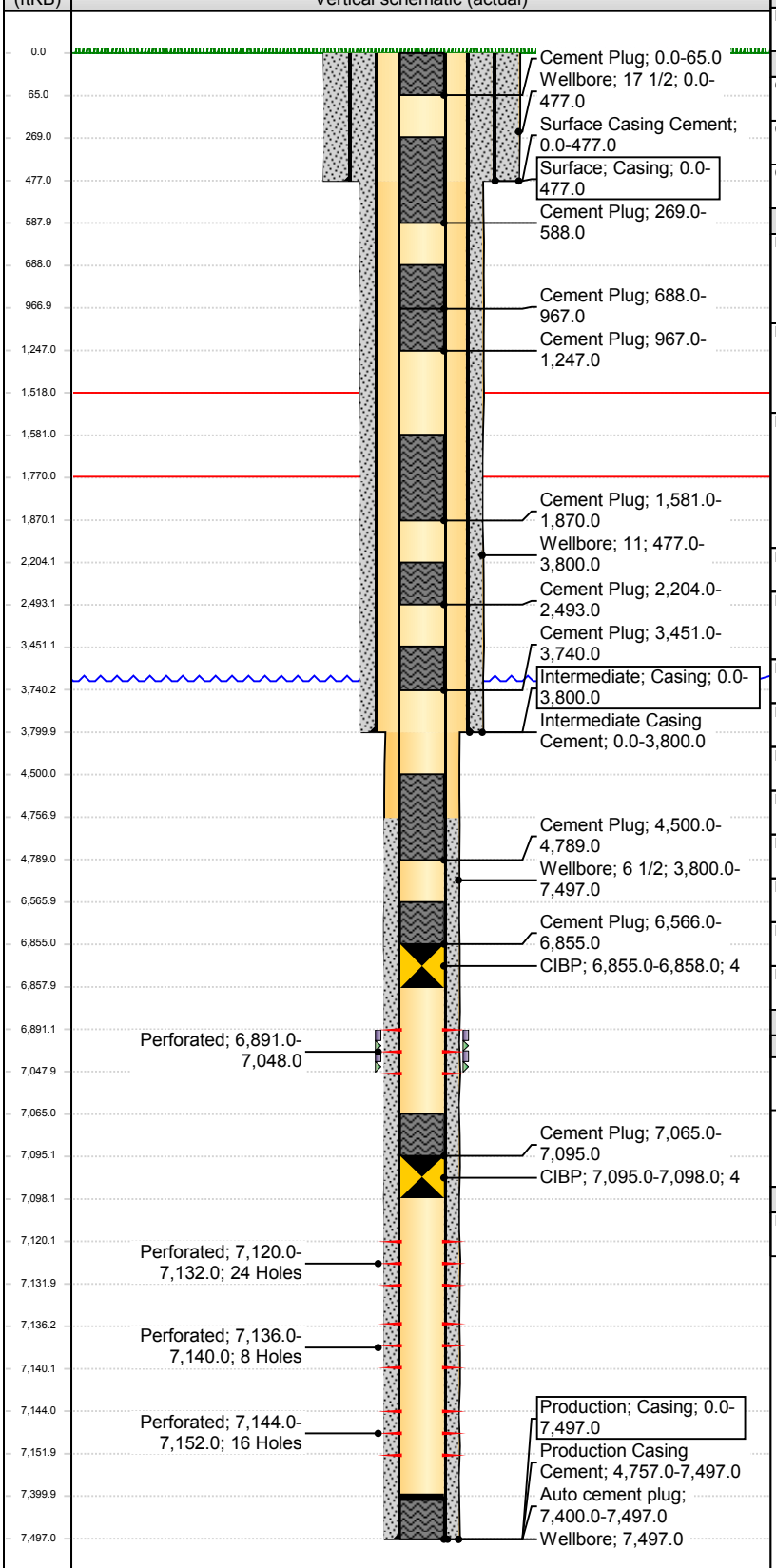
NM P&A Schematic

Well Name: TURNER B 65

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
300150529900	PB-GRAYBURG	Eddy	NM	20	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,676.00	3,676.00	0.00	3/25/1960		5/13/1960			Yes

Original Hole, 1/13/2015 2:35:50 PM



Original Hole Data

Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag
330.0	FSL	1,980.0	FWL

Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Surface	477.0	13 3/8	12.715	48.00	H-40	4/1/1960
Intermediate	3,800.0	8 5/8	7.921	32.00	J-55	4/15/1960
Production	7,497.0	4 1/2	4	11.60	J-55	5/13/1960

Cement Stages

Description	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
Surface Casing Cement	0.0	477.0	Returns to Surface	795 sx cmt circulated to surface. Assume 1.32 cu ft/sx and 50% fillup
Intermediate Casing Cement	0.0	3,800.0	Returns to Surface	3,300 sx circulated to surface. Assume 1.32 cu ft/sx and 50% fillup
Production Casing Cement	4,757.0	7,497.0	Calculated	500 sx cmt TOC @ 4757' (calc). Assume 1.32 cu ft/sx and 50% fillup
Cement Plug	7,065.0	7,095.0	Tag	30' plug on top of CIBP
Cement Plug	6,566.0	6,855.0	Tag	20 sxs. Cl C on top of CIBP
Cement Plug	4,500.0	4,789.0	Tag	20 sxs. Cl C plug.
Cement Plug	3,451.0	3,740.0	Tag	20 sxs. Cl C plug
Cement Plug	2,204.0	2,493.0	Tag	20 sxs. Cl C plug.
Cement Plug	1,581.0	1,870.0	Tag	20 sxs. Cl C plug.
Cement Plug	967.0	1,247.0	Tag	20 sxs. Cl C plug.
Cement Plug	688.0	967.0	Tag	20 sxs. Cl C plug.
Cement Plug	269.0	588.0	Tag	20 sxs. Cl C plug.
Cement Plug	0.0	65.0	Tag	10 sxs. Cl C surface plug.

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Com
CIBP	7,095.0	7,098.0	12/18/1992	Set 30' cmt plug on top of CIBP
CIBP	6,855.0	6,858.0	8/3/1998	Spot 20 sx class C neat plug on top of CIBP (tag @ 6566')

Formations

Formation	Final Top...	Final Btm...	Comment
Salt	1,518.0	1,770.0	

N. M. Oil Cons. Div.
811 S. 1ST ST.
ARTESIA, NM 88210-2834

c/s P

Form 3160-5
(November 1994)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires July 31, 1996

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

5. Lease Serial No.
LC-029395B

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
Turner "B" #65

2. Name of Operator
Marbob ENergy Corp.

9. API Well No.
30-015-05299

3a. Address
Box 227,Artesia,N.M.88211-0227

3b. Phone No. (include area code)

10. Field and Pool, or Exploratory Area
Cedar Lake ABO

4. Location of Well (*Footage, Sec., T., R., M., or Survey Description*)
Unit Letter N,330 FSL, 1980FWL
Sec. 20, T.17S., R.31E.

11. County or Parish, State
Eddy,NM

RECEIVED
AUG 1999
OCD - ARTESIA

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☒ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

1. 8-3-98 Set CIBP @6855 Ft.
2. 8-3-98 Circ. hole w/mudlaiden fluid.
3. 8-3-98 Spot 20 sx. class "C" NEAT cmt.@6855 Ft. to @6566 Ft.
4. 8-3-98 Spot 20 sx. class "C" NEAT cmt.@4789 Ft. to 4500 Ft.
5. 8-3-98 Spot 20 sx. class "C" NEAT cmt. @ 3740 Ft. to @ 3451 Ft.
6. 8-3-98 Spot 20 sx. class "C" NEAT cmt. @ 2493 Ft. to @ 2204 Ft.
7. 8-4-98 Spot 20 sx. class "C" NEAT cmt. @ 1870 Ft. to @ 1581 Ft.
8. 8-4-98 Spot 20 sx. class "C" NEAT cmt. @ 1247 Ft. WOC 4 Hrs. No tag.
9. 8-4-98 Spot 20 sx. Class "C" NEAT cmt.@ 1247 Ft. WOC overnite.Tagged @688
10. 8-5-98 Spot 20 sx. Class "C" NEAT cmt. @588 Ft. to @269 Ft.
11. 8-5-98 Circ 10 sx. class "C" NEAT cmt.@65 Ft. to surf.
12. 8-6-98 Cut off well head. Weld on steel plate. Install dry hole marker.

Post ID-2
8-27-99
P&A

Approved as to plugging of the well bore.
Liability under bond is retained until
surface restoration is completed.

14. I hereby certify that the foregoing is true and correct
Name (*Printed/Typed*)

Title

Signature
Loyce Bucker

Date
8-6-98

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by
(ORIG. SGD.) ALEXIS C. SWOBODA

Title PETROLEUM ENGINEER

AUG 16 1999

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(*Instructions on reverse*)

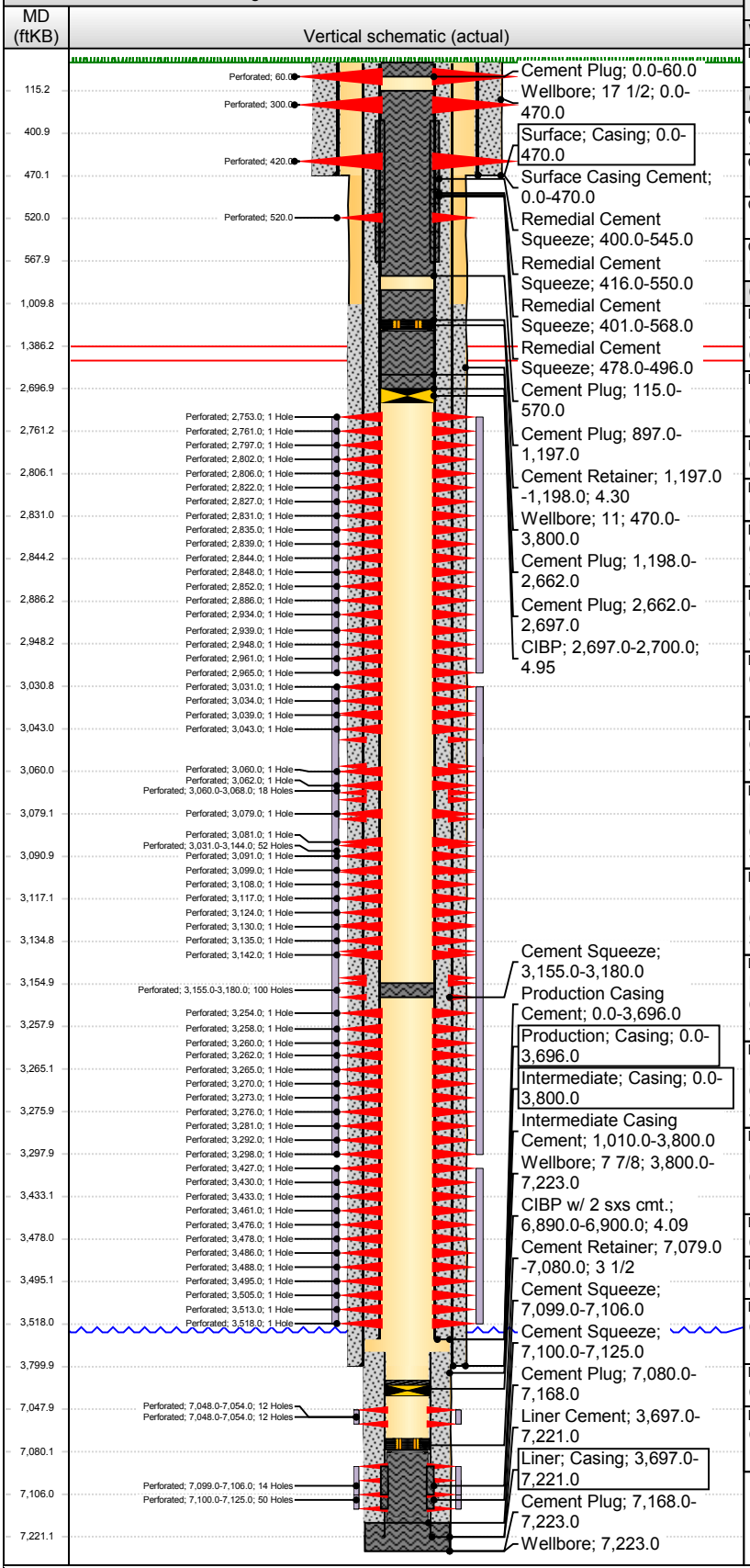
NM P&A Schematic

Well Name: TURNER B 67

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
300150530000	PB-GRAYBURG	Eddy	NM	20	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,625.00	3,625.00	0.00	6/27/1960		7/10/1960			Yes

Original Hole, 1/15/2015 10:40:10 AM



Original Hole Data

Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag
1,650.0	FSL	660.0	FWL

Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Surface	470.0	13 3/8	12.715	48.00	H-40	6/30/1960
Production	3,696.0	5 1/2	4.95	15.50	J-55	4/15/1997
Intermediate	3,800.0	8 5/8	8.097	24.00	J-55	7/3/1960
Liner	7,221.0	4 1/2	4.09	9.50	J-55	7/13/1960

Cement Stages

Description	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
Surface Casing Cement	0.0	470.0	Returns to Surface	Cemented w/ 525 sxs.
Intermediate Casing Cement	1,010.0	3,800.0	Temperature Log	Cemented w/ 900 sxs.
Cement Plug	7,168.0	7,223.0		PBTD
Liner Cement	3,697.0	7,221.0	Tag	Cemented w/ 910 sxs.
Cement Squeeze	7,100.0	7,125.0		Squeezed w/ 13 sxs.
Cement Squeeze	7,099.0	7,106.0		Squeezed w/ 14 sxs.
Cement Plug	7,080.0	7,168.0	Tag	125 sxs pumped below retainer.
Cement Squeeze	3,155.0	3,180.0		Squeezed w/ 100 sxs.
Remedial Cement Squeeze	478.0	496.0		squeezed hole in casing w/ 250 sxs Class "C" cmt.
Remedial Cement Squeeze	400.0	545.0		Squeezed w/ plug, then drilled out. 50 sxs Cl "H" cmt.
Remedial Cement Squeeze	416.0	550.0		Squeezed w/ 75 sxs cmt.
Remedial Cement Squeeze	401.0	568.0		Spotted 50 sxs. cmt.
Production Casing Cement	0.0	3,696.0	Returns to Surface	Cemented w/ 300 sxs Cl "C" + 200 sxs Cl "H" w/ 10% Gypsum.
Cement Plug	2,662.0	2,697.0	Tag	35' plug on top of CIBP
Cement Plug	897.0	1,197.0	Tag	300' plug above retainer.
Cement Plug	1,198.0	2,662.0	Tag	dumped 35 sxs. below retainer.
Cement Plug	115.0	570.0	Tag	Spot plug.
Cement Plug	0.0	60.0	Returns to Surface	Surface plug

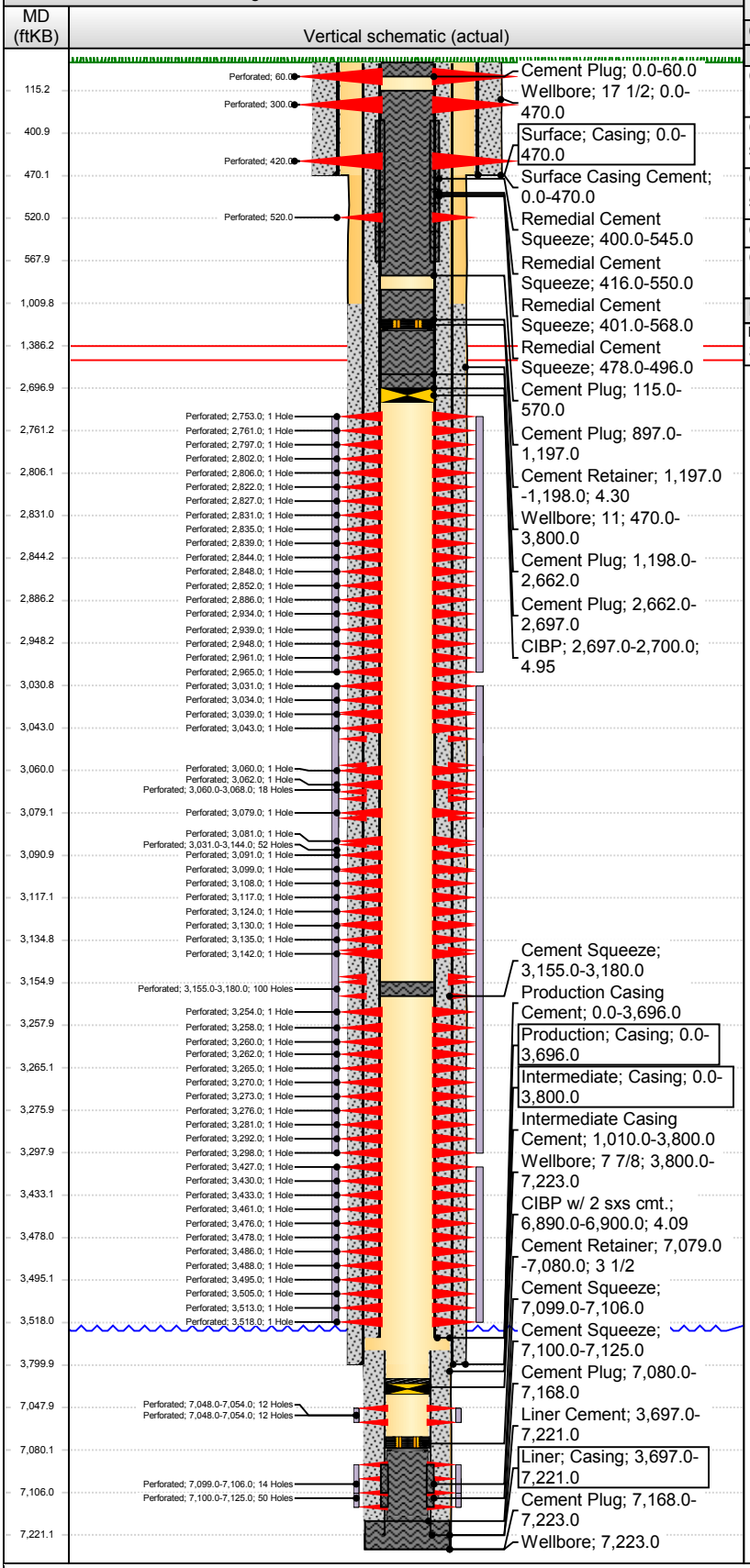
NM P&A Schematic

Well Name: TURNER B 67

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
300150530000	PB-GRAYBURG	Eddy	NM	20	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,625.00	3,625.00	0.00	6/27/1960		7/10/1960			Yes

Original Hole, 1/15/2015 10:40:10 AM



Original Hole Data

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Com
Cement Retainer	7,079.0	7,080.0	7/28/1960	
CIBP w/ 2 sxs cmt.	6,890.0	3,900.0	3/31/1969	
CIBP w/ 2 sxs cmt.	6,890.0	6,900.0	3/31/1969	
CIBP	2,697.0	2,700.0	6/2/2009	
Cement Retainer	1,197.0	1,198.0	6/2/2009	

Formations

Formation	Final Top...	Final Btm...	Comment
Salt	1,386.0	1,717.0	

Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA
JUN -9 2009

FORM APPROVED
OMB No 1004-0137
Expires July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE – *Other instructions on page 2.*

5 Lease Serial No
NMLC 029395B

6 If Indian, Allottee or Tribe Name

7. If Unit of CA/Agreement, Name and/or No

1 Type of Well
☐ Oil Well ☐ Gas Well ☑ Other Wtr. Inj.

8 Well Name and No
Turner "B" #67

2. Name of Operator
Merit Energy Company

9 API Well No.
30-015-05300-00-S1

3a. Address
13727 Noel Rd. Suite 500
Dallas, Texas 75240

3b Phone No *(include area code)*
972-628-1569

10. Field and Pool or Exploratory Area
Grayburg Jackson Q-G-SA

4. Location of Well *(Footage, Sec , T.,R.,M , or Survey Description)*
1650' FSL & 660' FWL
Sec. 20-T17S-R31E

11 Country or Parish, State
Eddy Co , New Mexico

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☑ Subsequent Report	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☑ Plug-and-Abandon	☐ Temporarily Abandon	
☐ Final Abandonment Notice	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Bled pressure off well. Install BOP. Unset pkr. Lost pkr. Latched on pkr. @ 900'. RU WL. Fished for lost tools. Could not catch. RD. RIH w/CIBP & set @ 2700'. Dump bail 4 sxs. or 35' cmt. TIH w/fullbore pkr. @ set @ 1198'. PU cmt. retainer. RIH to 1198'. Circ salt water gel. Set retainer. Pmpd 35 sxs. Class C cmt. below retainer w/300' cap above retainer. POOH. RIH w/tbg. Tag cmt. @ 880'. LD tbg. RU WL. Shot holes @ 520'. Could not pump in. Shot holes @ 420'. Could not pump in. Shot holes @ 300'. Could not pump in. RIH w/tbg. Spot plug from 570' - 115'. Watch set-up for 4 hrs. Tag w/WL @ 115'. Shot holes @ 60'. Could not pump in. Circulated cmt. to surface. RD WL. Well Plug & Abandoned.

Approved as to plugging of the well bore.
Liability under bond is retained until
Surface restoration is completed.

APPROVED
JUN 7 2009
JAMES A. AMOS
SUPERVISOR-EPS

6/9/09

14. I hereby certify that the foregoing is true and correct Name *(Printed/Typed)*
Lynne Moon

Title Regulatory Manager

Signature Lynne Moon

Date 06/02/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon

Office

Title 18 U S C Section 1001 and Title 43 U S C Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

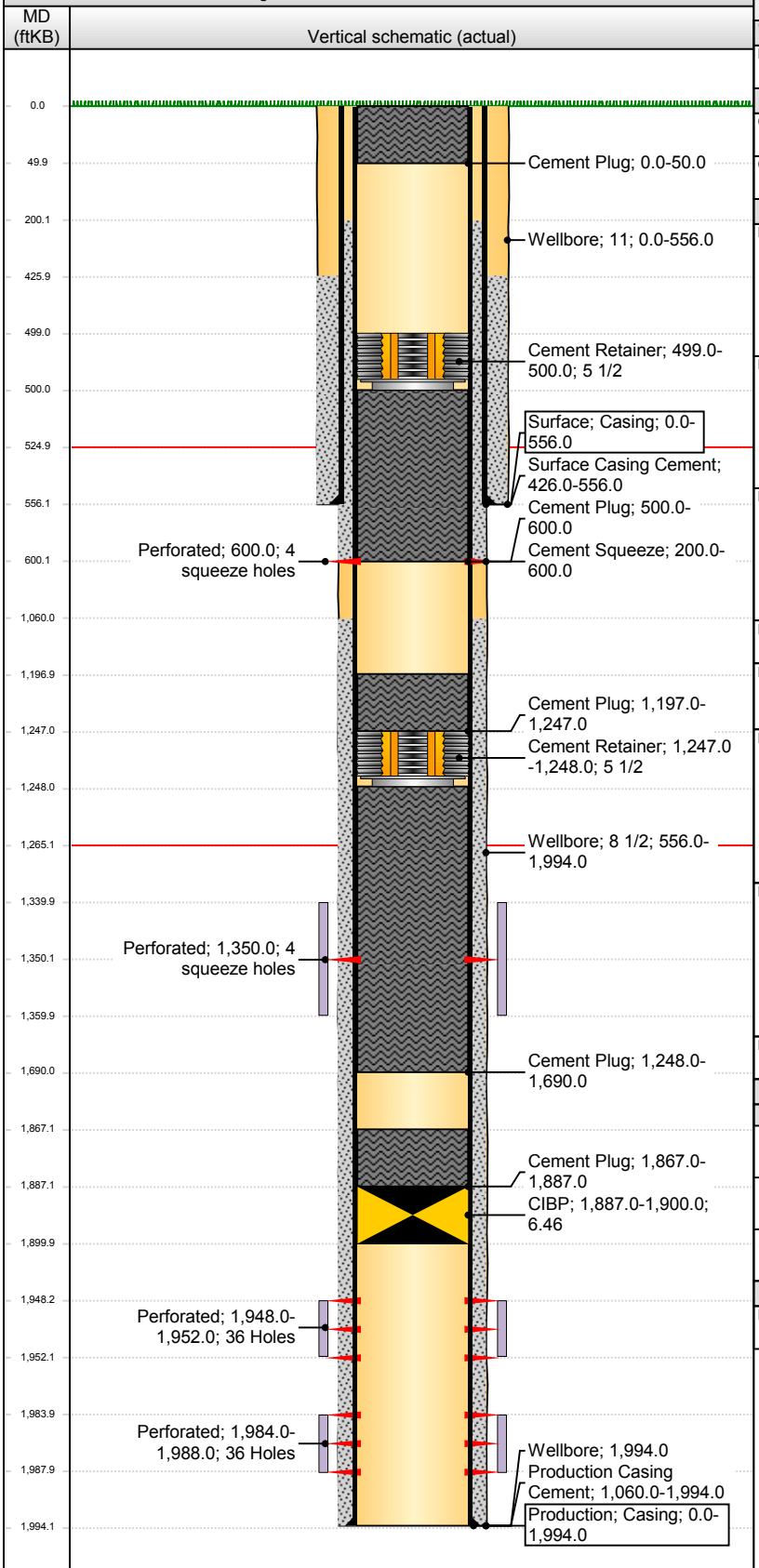
NM P&A Schematic

Well Name: TURNER B 36

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
300150530700	PB-GRAYBURG	Eddy	NM	20	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,678.00	3,678.00	0.00	11/12/1951		12/20/1951			Yes

Original Hole, 1/14/2015 7:06:50 AM



Original Hole Data

Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag
990.0	FNL	1,650.0	FEL

Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Surface	556.0	8 5/8	8.017	28.00	H-40	11/12/1951
Production	1,994.0	7	6.456	20.00	J-55	12/20/1951

Cement Stages

Description	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
Surface Casing Cement	426.0	556.0	Calculated	Cemented w/ 50 sxs. TOC @ 426' (calc). Assumes 1.32 cu ft/sx and 50% fillup
Production Casing Cement	1,060.0	1,994.0	Calculated	Cemented w/ 100 sxs. TOC @ 1474' (calc). Assumes 1.32 cu ft/sx and 50% fillup
Cement Squeeze	200.0	600.0		Pump 53 bbls cement behind 7" csg @ 600'. Cement did not circulate. TOC unknown.
Cement Plug	0.0	50.0	Tag	50' surface plug.
Cement Plug	500.0	600.0		remainder of 53 bbls cmt squeezed in 7" csg
Cement Plug	1,197.0	1,247.0	Calculated	10 sxs on top of bottom retainer. TOC @ 1197' (calc). Assume 1.32 cu ft/sx and 0% fillup
Cement Plug	1,248.0	1,690.0	Calculated	90 sxs. below bottom retainer BOC @ 1690' (calc). Assume 1.32 cu ft/sx and 0% fillup
Cement Plug	1,867.0	1,887.0	Tag	20' cmt on top of CIBP.

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Com
CIBP	1,887.0	1,900.0	2/6/1998	20' cmt dumped on top of CIBP
Cement Retainer	1,247.0	1,248.0	2/7/1998	90 sx below. 10 sx above
Cement Retainer	499.0	500.0	2/7/1998	

Formations

Formation	Final Top...	Final Btm...	Comment
Salt	525.0	1,265.0	

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division
311 S. 1st Street
Artesia, NM 88210-2834

c/SF

FORM APPROVED
Budget Bureau No. 1004-0135
Expires March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
☐ Oil Well ☐ Gas Well ☒ Other P&A

2. Name of Operator
DEVON ENERGY CORPORATION (NEVADA)

3. Address and Telephone No.
20 NORTH BROADWAY, SUITE 1500, OKLAHOMA CITY, OKLAHOMA 73102 (405) 235-3611

1998 FEB
RECEIVED
OCD ARTESIA

4. Location of Well (Footage. Sec., T., R., M., or Survey Description)
990' FNL & 1650' FEL, Sec. 20-17S-31E

5. Lease Designation and Serial No.
LC-029395-B

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
Turner "B" #36

9. API Well No.
30-015-05307

10. Field and Pool, or Exploratory Area
Grayburg Jackson

11. County or Parish, State
Eddy County, NM

CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
☐ Notice of Intent	☒ Abandonment	☐ Change of Plans
☒ Subsequent Report	☐ Recompletion	☐ New Construction
☐ Final Abandonment Notice	☐ Plugging Back	☐ Non-Routine Fracturing
	☐ Casing Repair	☐ Water Shut-Off
	☐ Altering Casing	☐ Conversion to Injection
	☐ Other ___	☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Post ID-2
3-4-98
PxA

This well was plugged and abandoned as follows:

2/6/98 – Dumped 20' of cement on top of CIBP @ 1900'. Shot 4 squeeze holes @ 1350'.
2/7/98 – Acidized squeeze holes @ 1350' w/500 gals 15% HCl acid. Set cement retainer @ 1248', pumped 90 sx Class "C" cement below retainer, and spotted 10 sx cement on top of retainer. Shot 4 squeeze holes @ 600', set cement retainer @ 500', pumped 53 bbls cement, did not circ cement. Spotted a 50' surface plug.
2/9/98 – Welded on dry hole marker. Cleaned location.

Approved as to plugging of the well bore.
Liability under bond is retained until
surface restoration is completed.

14. I hereby certify that the foregoing is true and correct

Signed Karen Byers Title Engineering Technician Date 2/11/98

(This space for Federal or State office use)

Approved by (ORIG. SGD.) LES BABYAK Title PETROLEUM ENGINEER Date FEB 19 1998

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as any matter within its jurisdiction.

***See Instruction on Reverse Side**

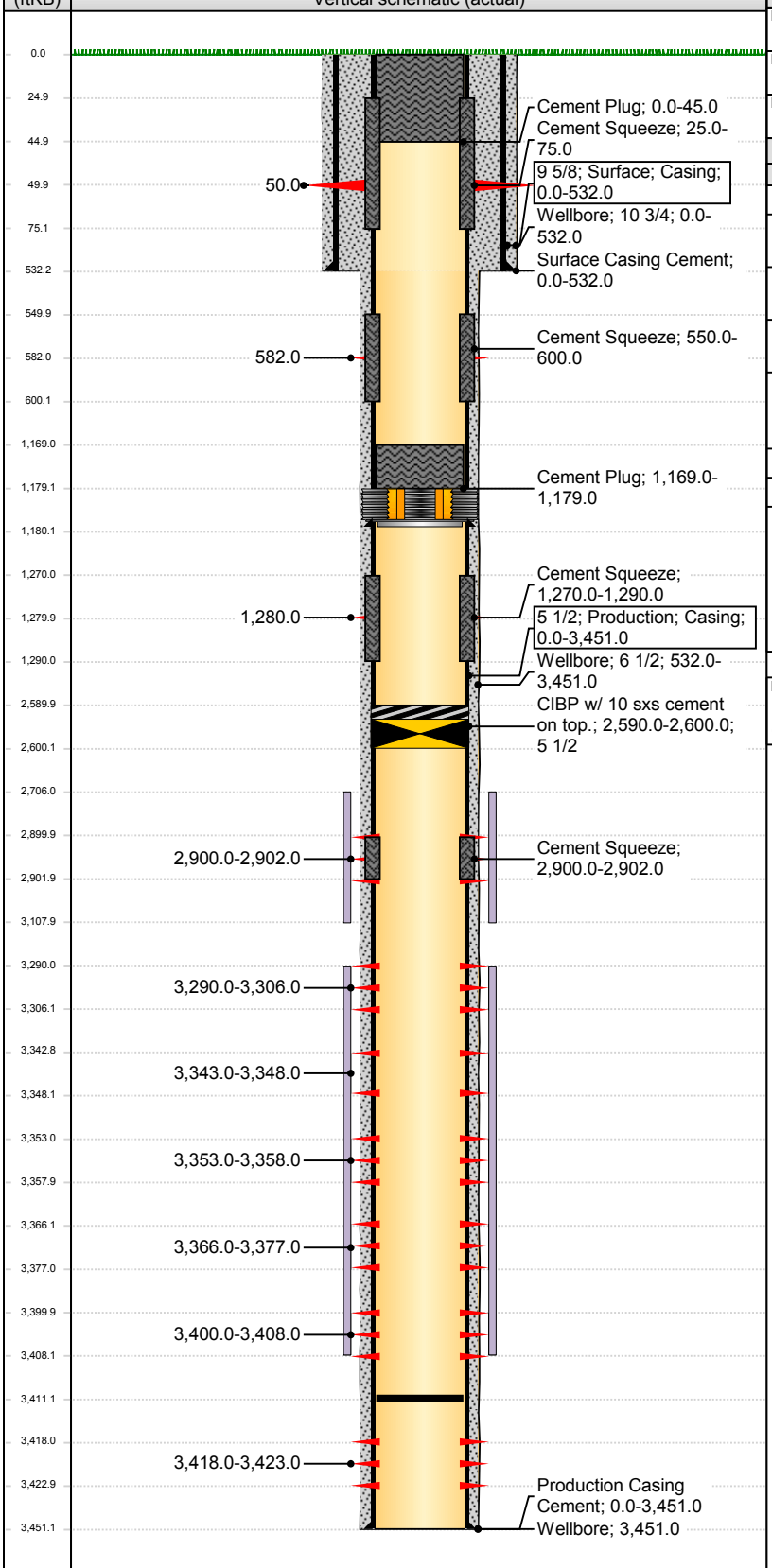
NM Sundry Schematic

Well Name: TURNER B 41

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
300150531000	PB-GRAYBURG	Eddy	NM	20	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,639.00	3,639.00	0.00	5/14/1953		7/13/1953			Yes

Original Hole, 11/3/2014 2:09:24 PM



Original Hole Data

Casing Strings

Run Date	Casing Description	Set Depth (ftKB)
5/14/1953	Surface	532.0
11/19/2003	Production	1,180.0
7/13/1953	Production	3,451.0

Cement Stages

Des	Top (ftKB)	Btm (ftKB)	Com
Surface Casing Cement	0.0	532.0	Cemented w/ 50 sxs.
Production Casing Cement	0.0	3,451.0	Cemented w/ 200 sxs.
Cement Squeeze	2,900.0	2,902.0	Squeezed w/ 25 sxs, reversed out 15 sxs.
Cement Plug	1,169.0	1,179.0	5 sxs on top of cmt. retainer.
Cement Squeeze	1,270.0	1,290.0	Squeezed perfs below cmt. retainer w/ 75 sxs.
Cement Squeeze	550.0	600.0	Sqzd w/ 45 sxs.
Cement Squeeze	25.0	75.0	Resqzd w/ 80 sxs.
Cement Plug	0.0	45.0	110' plug, could only get to 45'. Proposed cmt plug across csg shoe but did not report.

Other In Hole

Description	Top (ftKB)	Btm (ftKB)	OD (in)	Run Date	Comment
CIBP w/ 10 sxs cement on top.	2,590.0	2,600.0	5 1/2	11/18/2003	

Oil Cons.
N.M. DIV-Dist. 2
1301 W. Grand Avenue
Artesia, NM 88210

Form 3160-5
(September 2001)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires: January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160 - 3 (APD) for such proposals.

SUBMIT IN TRIPLICATE *- Other instructions on reverse side.*

1. Type of Well
☑ Oil Well ☐ Gas Well ☐ Other

RECEIVED
APR 0 7 2004
OCD ARTESIA

2. Name of Operator **MERIT ENERGY COMPANY**

3a. Address **13727 NOEL RD STE 500**

3b. Phone No. (include area code) **972-628-1625**

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
SE NW SEC 20 T17S R31E UNIT F 1650' FNL & 1650' FWL

5. Lease Serial No. **NML CO 29395 B**

6. If Indian, Allottee or Tribe Name **NA**

7. If Unit or CA/Agreement, Name and/or No. **NA**

8. Well Name and No. **TURNER B #41**

9. API Well No. **30-015-05310**

10. Field and Pool, or Exploratory Area **GRAYBURG JACKSON FIELD**

11. County or Parish, State **EDDY CO NM**

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☑ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☑ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

11/14/03 MIRU, UNFLANGED WELL, NUBOP, UNSEAT PKR @ 2544' SDFN
11/18/03 POOH W/TBG PU 2 7/8 WORKSTRING & RIH W/CIBP & SET @ 2600'/SDFN
11/19/03 CIRCULATED HOLE W/9.5 #MUD FROM 2660' TO SURF. CAPPED CIBP W/10 SXS CMT. PERFED 1280' RUN IN HOLE W/CR @ 1180' & CIRCULATED TO SURF. SDFN
11/26/03 SQZD PERFS W/75 SXS UNDER 5 1/2 CR. SPOT 5 SX CMT ON TOP OF CR @ 1180'. POOH. SDFN
12/01/03 RU WIRELINE/PERF @ 582' & SQZD W/45 SXS CMT. PERF @ 50' SDFN
12/02/03 RIH W/ 2 7/8 TBG. STOPPED @ 347' POOH. RIH W/ 2 3/8 CMT SHOE & TBG. TRIED WRKG SHOE DOWN @ 347', NOGO. TBG WAS PLUGGED W/CMT SDFN
12/03/03 SQZD PERFS @ 50' W/50 SX CMT. SDFN
12/04/03 TESTED SQZ @ 50'/ DID NOT HOT. RESQZD PERF @ 50' W/80 SX CMT. SDFN
12/05/03 TESTED SQZ. LEAKED @ 50 PSI. BLM APPROVED. STARTED IN HOLE TO SET 100' SURF PLUG. TBG STOPPED @ 45' CMT. NOGO. RMVD. BOP CUT OFF 5 1/2 & 9 5/8 WELLHEADS. RD. JOB COMPLETE

Approved as to plugging of the well bore.
Liability under bond is retained until
surface restoration is competed.

14. I hereby certify that the foregoing is true and correct
Name *(Printed/Typed)* **MICHAEL PETREE** Title **REGULATORY ANALYST**

Signature Michael Petree Date **03/25/2004**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by **(ORIG. SGD.) ALEXIS C. SWOBODA** **PETROLEUM ENGINEER** **APR 0 6 2004**

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

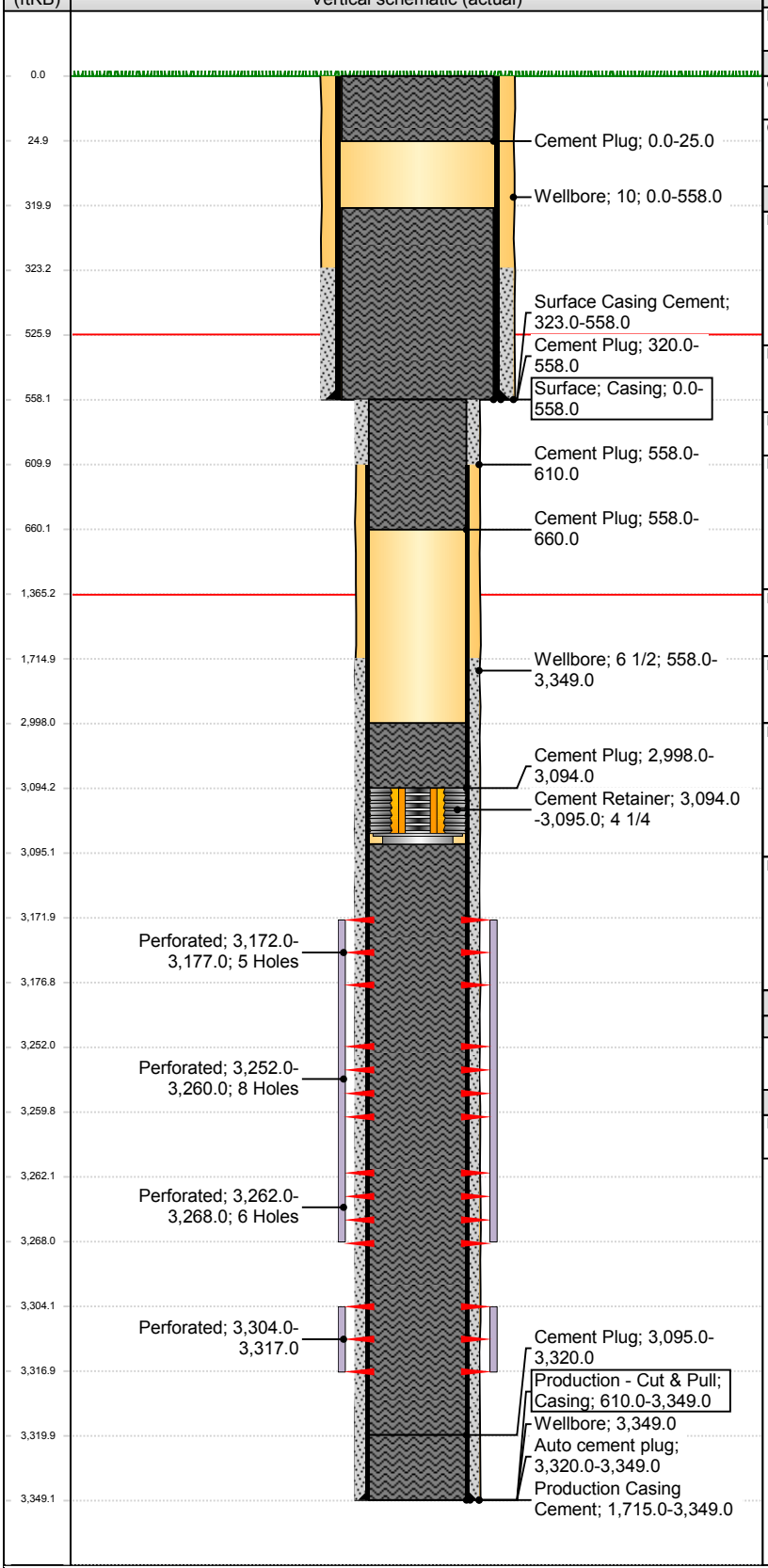
NM P&A Schematic

Well Name: TURNER B 45

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
300150531200	PB-GRAYBURG	Eddy	NM	20	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,699.00	3,699.00	0.00	2/26/1956		4/10/1956			Yes

Original Hole, 1/14/2015 8:53:46 AM



Original Hole Data

Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag
660.0	FSL	2,080.0	FEL

Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Surface	558.0	8 5/8	8.017	28.00	H-40	2/29/1956
Production - Cut & Pull	3,349.0	5 1/2	5.012	14.00	J-55	4/10/1956

Cement Stages

Description	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
Surface Casing Cement	323.0	558.0	Calculated	Cemented w/ 50 sxs. TOC @ 323' (calc). Assumes 1.32 cu ft/sx and 50% fillup
Production Casing Cement	1,715.0	3,349.0	Tag	Cemented w/ 200 sxs.
Cement Plug	0.0	25.0	Tag	Surface plug, 10 xs.
Cement Plug	558.0	610.0	Tag	Spotted 80 sxs. across casing stub. NOTE: 320'-660' is a single cement plug
Cement Plug	558.0	660.0	Tag	Spotted 80 sxs. across casing stub.
Cement Plug	320.0	558.0	Tag	Spotted 80 sxs. across casing stub.
Cement Plug	2,998.0	3,094.0	Calculated	5 sx cmt on top of retainer TOC @ 2998' (calc). Assumes 1.32 cu ft/sx
Cement Plug	3,095.0	3,320.0	Calculated	Pumped 70 sxs. Cl C w/ 4% gel below retainer. BOC @ PBTD (calc). Assumes 1.32 cu ft/sx

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Com
Cement Retainer	3,094.0	3,095.0	4/6/1975	70 sx below. 5 sx above

Formations

Formation	Final Top...	Final Btm...	Comment
Salt	526.0	1,365.0	

N. M. O. C. C. COPY

Copy as r

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

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—" for such proposals.)

1. OIL WELL ☒ GAS WELL ☐ OTHER Plug & Abandon

RECEIVED
JUN 11 1975
O. C. C.
ARTESIA, OFFICE

2. NAME OF OPERATOR
Atlantic Richfield Company

3. ADDRESS OF OPERATOR
P. O. Box 1710, Hobbs, New Mexico 88240

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface
2080' FEL & 660' FSL (Unit letter O)

5. LEASE DESIGNATION AND SERIAL NO.
LC 029395 (a)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Turner "B" (A)

9. WELL NO.
45

10. FIELD AND POOL, OR WILDCAT
Grayburg Jackson

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 20-17S-31E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
3699' DF

12. COUNTY OR PARISH
Eddy

13. STATE
N.M.

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other) Plug & Abandon			X
(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

On 4/6/75 rigged up & installed BOP. RIH w/bit & csg scraper to 3250' PBD. POH w/bit & scraper. WIH & rev sd to top of RBP @ 3280'. Rec BP. WIH w/cmt retr on tbg & set @ 3095'. Pumped & displaced 70 sx Cl C cmt w/ 4% gel below retr & left 5 sx on top of retr. Pulled up hole w/tbg & circ hole w/9# mud. POH w/tbg. Cut 5½" csg @ 770'. Pld csg 25', unable to work free. Cut 5½" csg @ 610' & POH. RIH w/tbg to 660', unable to go deeper. Spotted 80 sx Cl C cmt 660-320' across 5½" csg stub, 8-5/8" csg shoe & top of salt. Spotted 10 sk cmt plug 25' to surface. Installed regulation dry hole marker. P&A effective 4/10/75.

Note: Your office to be notified before final cleanup of location regarding possible additional requirement that pad and/or road be ripped & re-seeded.

RECEIVED
APR 17 1975
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

18. I hereby certify that the foregoing is true and correct

SIGNED _____ TITLE Dist. Drlg. Supv. DATE 4/15/75

(This space for Federal or State office use)

APPROVED _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

APPROVED
JUN 10 1975
R. L. BEEKMAN
ACTING DISTRICT ENGINEER

*See Instructions on Reverse Side

posted
IP-2
6-13-75

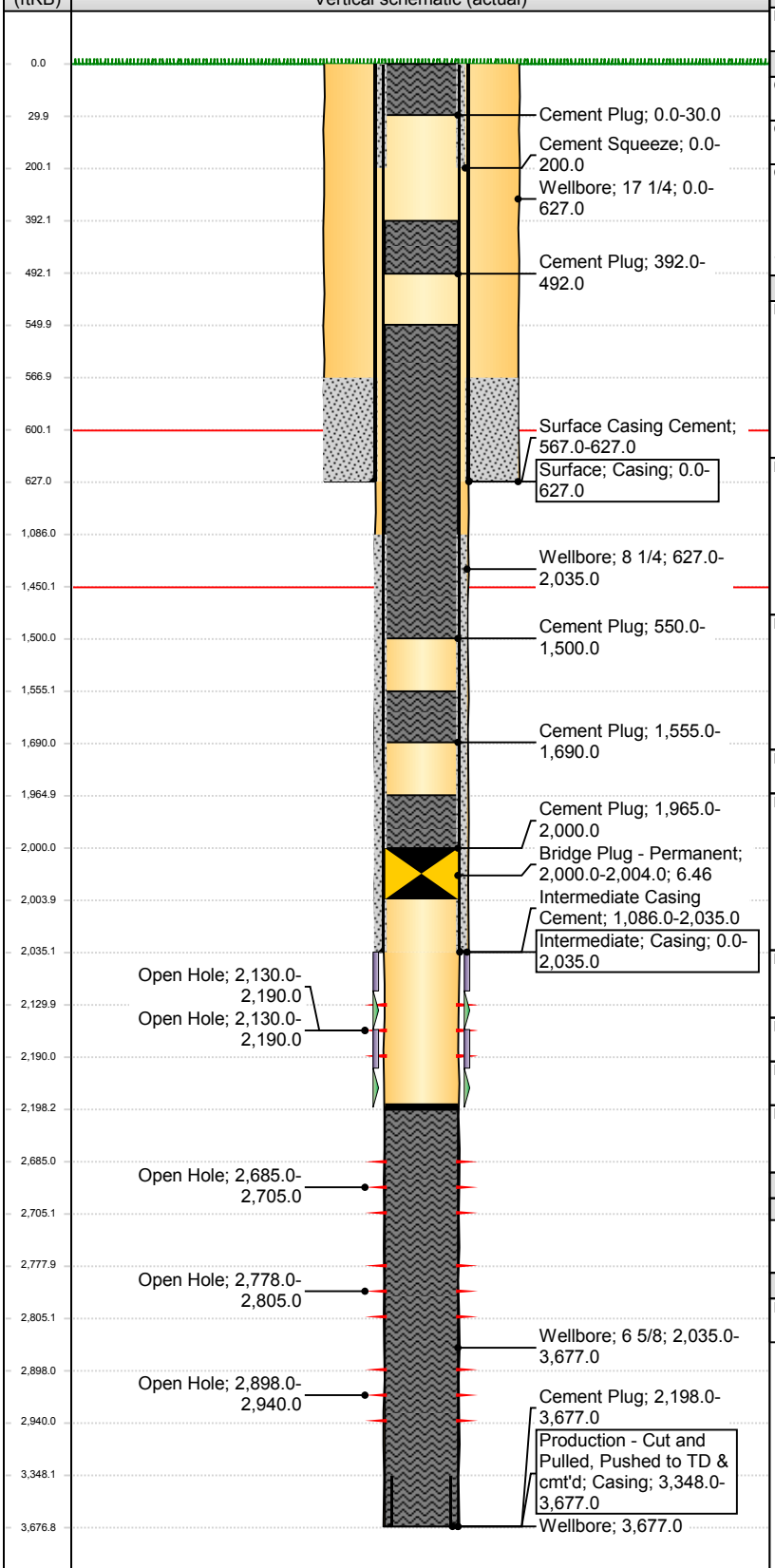
NM P&A Schematic

Well Name: SKELLY UNIT 9

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
300150532100	PB-SKELLY	Eddy	NM	21	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,895.00	3,895.00	0.00	1/23/1944	5/14/1944	5/5/1944			Yes

Original Hole, 1/14/2015 10:54:10 AM



Original Hole Data

Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag
1,930.0	FNL	1,980.0	FEL

Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Surface	627.0	8 5/8	7.921	32.00	J-55	1/23/1944
Intermediate	2,035.0	7	6.456	20.00	J-55	4/1/1944
Production - Cut and Pulled, Pushed to TD & cmt'd	3,677.0	5 1/2	5.012	14.00	J-55	5/5/1944

Cement Stages

Description	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
Surface Casing Cement	567.0	627.0	Calculated	Cemented w/ 100 sxs of cmt. TOC @ 567' (calc). Assumes 1.32 cu ft/sx and 50% fillup
Intermediate Casing Cement	1,086.0	2,035.0	Calculated	Cemented w/150 sxs of cmt. TOC @ 1086' (calc). Assume 1.32 cu ft/sx and 50% fillup
Cement Plug	2,198.0	3,677.0	Tag	Plugged 5 1/2" casing at bottom of well with 300 sx cmt. Tagged @ PBTD (2198')
Cement Plug	1,965.0	2,000.0	Tag	Cap CIBP w/35' of cmt
Cement Squeeze	0.0	200.0	Returns to Surface	Found holes in 7" casing from surface to 138'. Circulated 140 sx class C w/2% CaCl cmt through casing, bradenhead, and cellar.
Cement Plug	0.0	30.0	Tag	Cemented w/ 20 sxs of cmt.
Cement Plug	392.0	492.0	Tag	Spotted w/ 25 sxs of cmt
Cement Plug	550.0	1,500.0	Tag	Spot w/ 226 sxs of cmt.
Cement Plug	1,555.0	1,690.0	Tag	Cemented w/ 40 sxs of cmt.

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Com
Bridge Plug - Permanent	2,000.0	2,004.0	7/19/1994	Capped w/35' of cement

Formations

Formation	Final Top...	Final Btm...	Comment
Salt	600.0	1,450.0	

NM OIL CONS
Drawer DD
Artesia, NM 88210

C15F

RECEIVED
Dec 30 11 13 AM '94

RECEIVED
JAN 31 1995

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.
LC-029420-B

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

SUBMIT IN TRIPLICATE

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
Skelly Unit #9

2. Name of Operator
Texaco E&P Inc.

9. API Well No.
30-015-~~0521~~ 05321

3. Address and Telephone No.
P.O. Box 730 Hobbs, NM 88240

10. Field and Pool, or Exploratory Area
Fren 7-Rivers

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Unit G 1980 FNL 1980 FEL Sec.21 T-17S R-31E

11. County or Parish, State
Eddy

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
☐ Notice of Intent	☒ Abandonment	☐ Change of Plans
☒ Subsequent Report	☐ Recompletion	☐ New Construction
☒ Final Abandonment Notice	☐ Plugging Back	☐ Non-Routine Fracturing
	☐ Casing Repair	☐ Water Shut-Off
	☐ Altering Casing	☐ Conversion to Injection
	☐ Other _____	☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

12-12-94 Notify BLM of intent to plug & abandon well.
12-13-94 RU Pool ND wellhead N.U. BOP. TIH w/tub & tag CIBP @ 2000'.
12-13-94 Mix plug mud 25# per bbl. Salt gel & 9.5# brine & circ. hole.
12-13-94 Spot 40sxs class C cmt. plug from 1690-1555.
12-13-94 POOH to 1500; Spot 226 sxs class C cmt. from 1500-550.
12-13-94 POOH to 492; Spot 25 sxs class C cmt. from 492-392.
12-13-94 POOH to 30; Spot 20 sxs class C cmt. plug from 30-surface.
12-13-94 ND BOP dig out cellar; cut off wellhead; Install dryhole marker w/legal description of well. Clean location. RD pulling unit & plugging equip. move off location.

Approval to plug and abandon well only. Liability under bond is retained until surface restoration is completed.

14. I hereby certify that the foregoing is true and correct
Signed Larry Winn Larry Winn Title P&A Supervisor(Agent)Pool Co. Date 12-13-94

(This space for Federal or State office use)
Approved by (ORIG. SGD.) JOE G. LARA Title PETROLEUM ENGINEER Date 1/27/95
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

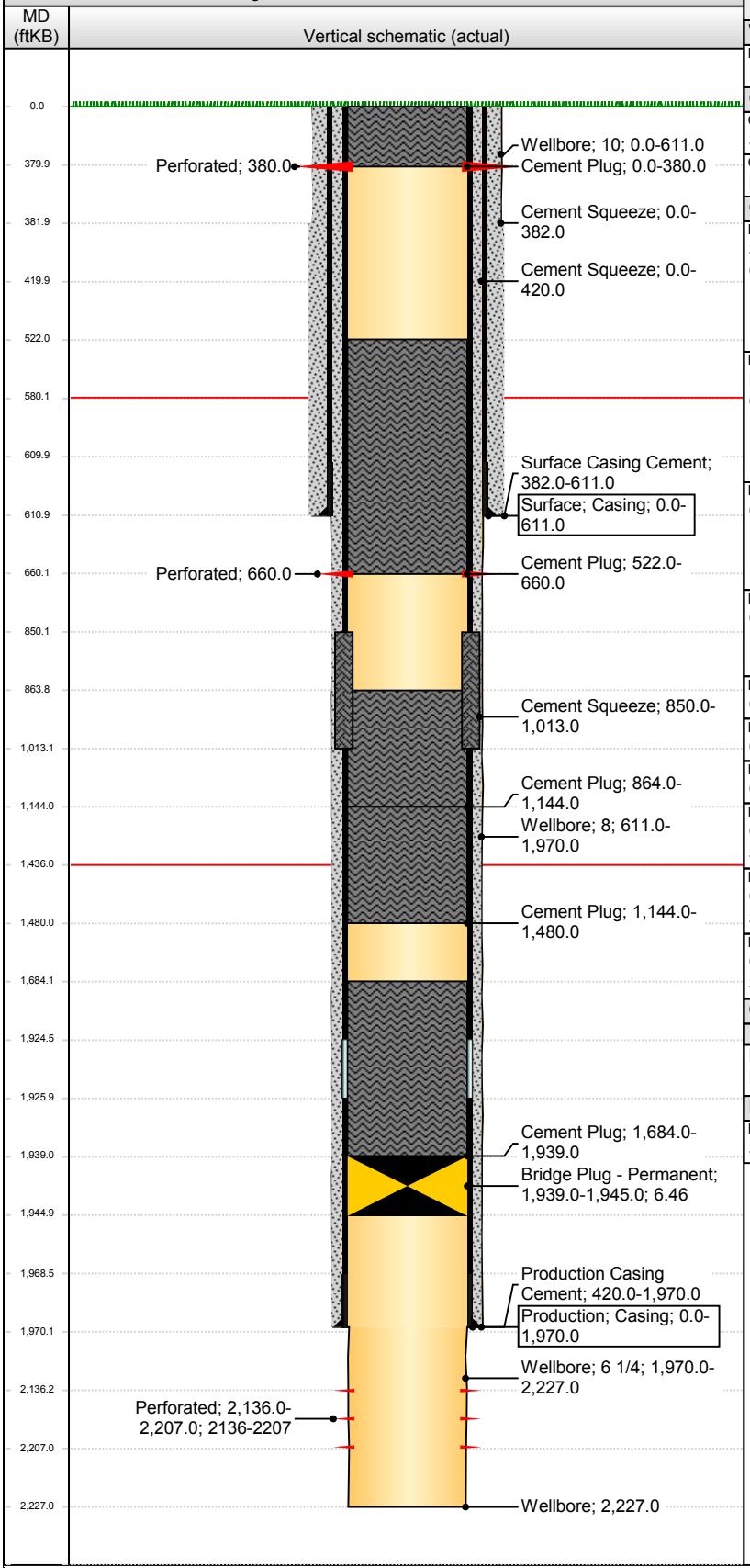
NM P&A Schematic

Well Name: SKELLY UNIT 004

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
3001505329	PBNM - PB-SKELLY	Eddy	NM	21	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,784.00	3,784.00	0.00	10/7/1950	10/23/1950	10/23/1950	32° 49' 30.252" N	103° 52' 19.2" W	Yes

Original Hole, 1/14/2015 11:33:07 AM



Original Hole Data

Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag
810.0	FNL	1,980.0	FEL

Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Surface	611.0	8 5/8	8.017	28.00	H-40	10/11/1950
Production	1,970.0	7	6.456	24.00	H-40	10/27/1950

Cement Stages

Description	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
Surface Casing Cement	382.0	611.0	Calculated	150 sx Halliburton TOC @ 382' (calc). Assume 1.18 yd & 70% eff
Production Casing Cement	420.0	1,970.0	Calculated	175 sx Halliburton TOC @ 420' (calc). Assume 1.18 yd & 70% eff
Cement Plug	1,684.0	1,939.0	Tag	spot 25 sx cmt plug on CIBP @ 1939' TOC @ 1684'
Cement Plug	1,144.0	1,480.0	Tag	spot 25 sx cmt @ 1480' TOC @ 1144'
Cement Plug	864.0	1,144.0	Tag	100 sx plug
Cement Plug	522.0	660.0	Tag	sqz 60 sx cmt
Cement Plug	0.0	380.0	Tag	cmt to surf w/ 115 sx
Cement Squeeze	850.0	1,013.0	Tag	sqz 75 sx cmt @ 850' - 1013'
Cement Squeeze	0.0	382.0	Returns to Surface	cmt to surf from perf
Cement Squeeze	0.0	420.0	Returns to Surface	cmt to surf from perf

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Com
Bridge Plug - Permanent	1,939.0	1,945.0	3/28/2012	25 sx cmt on top of CIBP

Formations

Formation	Final Top...	Final Btm...	Comment
Salt	580.0	1,436.0	

Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

5. Lease Serial No
NMNM98122

6 If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No
SKELLY UNIT 4

2. Name of Operator
SANDRIDGE EXPL & PROD LLC
Contact: TERRY B CALLAHAN
E-Mail: tcallahan@linnenergy.com

9. API Well No.
30-015-05329-00-S1

3a Address
123 ROBERT S KERR AVENUE
OKLAHOMA CITY, OK 73102

3b. Phone No (include area code)
Ph: 281-840-4272

10. Field and Pool, or Exploratory
GRAYBURG

4. Location of Well *(Footage, Sec , T , R , M., or Survey Description)*
Sec 21 T17S R31E NWNE 810FNL 1980FEL

RECEIVED
MAY 08 2012
NMOCD ARTESIA

11. County or Parish, and State
EDDY COUNTY, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☒ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13 Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

3/28/2012 - MIRU PU. TIH W/ CIBP ON WORK STRING SET PLUG @ 1939'. PUMPED 90 BBLS MUD, DID NOT LOAD. SPOT 25 SXS CMT ON PLUG, PULL OUT OF CEMENT. WOC.

3/29/2012 - DIG OUT CELLAR, NUBOP, RU 5-1/2" CIBP ON WORK STRING, TIH W/ CIBP & 61 JTS TBG (STACKED OUT) TOH W/ CIBP. RU WL. TIH W/ WL TAG UP @1965'. TOH W/ WL.

3/30/2012 - TIH W/ TBG TAG PLUG @ 1684', PULL UP TO 1480'. PUMP 20 BBL MUD, SPOT 25 SXS CEMENT PULL TBG OUT OF CEMENT. WOC. TIH TO TAG PLUG, DID NOT TAG PLUG, SPOT 25 SXS CMT. PULL OUT OF CEMENT. WOC. 25 SXS CEMENT @ 1480'.

4/2/2012 - RIH W/ TBG, TAG PLUG @ 1144' STAND BACK 650' LAY DWN REST. RU PKR, TIH TO 650' LOOKING FOR HOLE DOWN TO 1013', PULL PKR TO 850', SQZ 50 SXS CMT. WOC. PRESSURE UP WELL ON VACUUM, CALLED

Accepted as to plugging of the well bore.
Liability under bond is retained until
Surface restoration is completed.

14. Thereby certify that the foregoing is true and correct.

Electronic Submission #135537 verified by the BLM Well Information System
For SANDRIDGE EXPL & PROD LLC, sent to the Carlsbad
Committed to AFMSS for processing by KURT SIMMONS on 04/19/2012 (12KMS1654SE)

Name *(Printed/Typed)* TERRY B CALLAHAN
Title REGULATORY SPECIALIST III

Signature (Electronic Submission)
Date 04/16/2012

RECLAMATION DUE 10-9-12

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ACCEPTED
JAMES A AMOS
Title SUPERVISOR EPS
Date 05/06/2012

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office Carlsbad

Title 18 U.S.C. Section 1001 and Title 43 U S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

Accepted for record
NMOCD

Accepted for record
NMOCD

5/9/2012

Additional data for EC transaction #135537 that would not fit on the form

32. Additional remarks, continued

BLM, PUMP 50 MORE SXS CMT SWH SDFN. WOC.

4/3/2012 - PRESSURE UP ON PLUG @ 800# PUMP 15 BBL SQZ 25 SXS CMT MIXED W/ MAGE FIBER + CALCIUM. WOC. TRY TO PRESSURE UP, WELL STILL ON VACUUM. PULL PKR UP TO 700' PUMPED 50 SXS CMT DISPLACED TO END OF TBG. SIW. WOC. PRESSURE UP PLUG WELL ON VACUUM. PUMP 50 MORE SXS CMT, SI WELL. WOC

4/4/2012 - PRESSURE UP ON PLUG @ 800# (HELD), RLSE PKR PULL TBG T0 330', RU WL, TIH TAG PLUG @ 864' PULL UP TO 660' PERF. RD WL, SET PKR SQZ 60 SXS CEMENT. WOC. TIH TAG PLUG @ 522'. TOH W/ TBG, RU, TIH W/ WL PERF @ 380'. RD WL, TIH W/ PKR & 1 JT TBG, CIRC HOLE & CEMENT TO SURFACE W/ 115 SXS. PULL PKR OUT NDBOP TOP OFF W/ CMT TO SURFACE. RD CLEAN LOCATION.

4/12/2012 - BACK HOE CREW TO LOCATION. UNLOAD EQUIPMENT, DIG UP WELLHEAD, SET DRY HOLE MARKER AND REMOVED DEAD MEN.

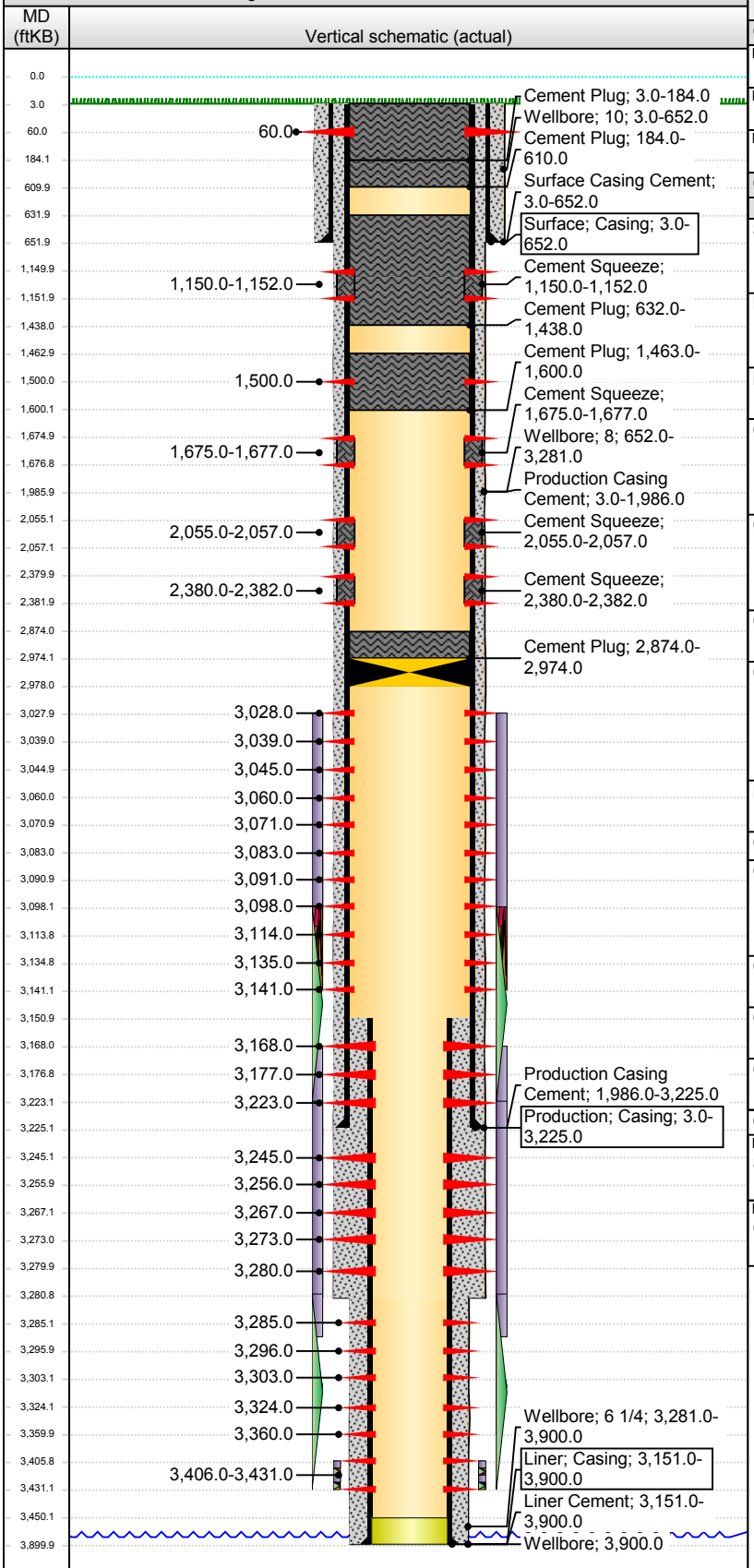
NM Sundry Schematic

Well Name: SKELLY UNIT 074

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
3001505331	PBNM - PB-SKELLY	Eddy	NM	21	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,770.00	3,773.00	3.00	2/26/1957			32° 48' 51.732" N	103° 52' 54.012" W	Yes

Original Hole, 12/15/2014 10:11:59 AM



Original Hole Data

Casing Strings

Run Date	Casing Description	Set Depth (ftKB)
3/2/1957	Surface	652.0
3/30/1957	Production	3,225.0
2/6/1963	Liner	3,900.0

Cement Stages

Des	Top (ftKB)	Btm (ftKB)	Com
Surface Casing Cement	3.0	652.0	155 sx cmt TOC (calc) @ surface
Production Casing Cement	1,986.0	3,225.0	200 sx cmt Ran Temp. Survey TOC @1986'
Liner Cement	3,151.0	3,900.0	134 sx cmt TOC (calc) @ 3151'
Cement Squeeze	2,380.0	2,382.0	sqz perfs w/ 100 sx class C cmt 100 sx class C cmt w/2% CaCL cmt
Cement Squeeze	2,055.0	2,057.0	sqz perfs w/ 100 sx class C cmt 100 sx class C cmt w/2% CaCL cmt
Cement Squeeze	1,675.0	1,677.0	sqz perf 300 sx class C cmt
Cement Squeeze	1,150.0	1,152.0	sqz 100 sx class C cmt & 50 class C cmt w/ 2% CaCL Circ 40 sxs to pit
Production Casing Cement	3.0	1,986.0	
Cement Plug	2,874.0	2,974.0	25 sx on top of CIBP
Cement Plug	1,463.0	1,600.0	From 35 sx sqz job from 1500' perf & spot 35 sx cmt w/ 3% CACL
Cement Plug	632.0	1,438.0	Pump 60 sx cmt @ 1438'
Cement Plug	184.0	610.0	Pump 80 sx cmt w/ 2% CACL @ 610'
Cement Plug	3.0	184.0	Pump cmt from 184' to surf.

Other In Hole

Description	Top (ftKB)	Btm (ftKB)	OD (in)	Run Date	Comment
Sand	3,450.0	3,900.0	4.09	7/7/1997	Dumped 50 sks of sand
CIBP	2,974.0	2,978.0	6.456	11/16/2007	

Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO 1004-0135
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

FEB 05 2008
OCD-ARTESIA

5 Lease Serial No.
NMNM98122

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
NMNM71030A

1. Type of Well
☐ Oil Well ☐ Gas Well ☒ Other: INJECTION

8. Well Name and No
SKELLY UNIT 74

2. Name of Operator
FOREST OIL CORPORATION
Contact: CINDY BUSH
E-Mail: cabush@forestoil.com

9. API Well No.
30-015-05331-00-S1

3a Address
707 17TH STREET SUITE 3600
DENVER, CO 80202

3b Phone No (include area code)
Ph: 303-812-1554
Fx: 303-864-6105

10. Field and Pool, or Exploratory
GRAYBURG

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 21 T17S R31E SWSW 530FSL 330FWL

11 County or Parish, and State
EDDY COUNTY, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☒ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

11-7-07 Drove to location
11-8-07 RU PU ND WH, try to unset TAC, only had 2' x 2 3/8 sub, NU BOP waited for gang to bring 25 jts 2 3/8" tbg, try to tag, down 1165 no tag, POH tag & lay down, on pipe rack.
11-9-07 Open well pick up 6" 1/4 bit & 7" scraper, RBIH w/44 jts & tag @ 1405' POH & lay down bit & scraper pick up 2 7/8 notch collar, RBIH to 1405' & add one jt went down to 1432', turn notch collar w/tongs went down 5' tag @ 1437' tongs started torking. POH
11-12-07 Knights Servcie set reverse unit, reverse pit, swivel, drill collars, vaccum trk fill reverse pit, pick up drill collars 4" 1/8 & drill bit 6" 1/8, RIH w/39 jts 2-7/8 tag @ 1435, pmp 100 bbls wtr no circ. SI

ACCEPTED FOR RECORD

FEB 12 2008

Gerry Guye, Deputy Field Inspector
NMOCD-District II ARTESIA

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #58225 verified by the BLM Well Information System
For FOREST OIL CORPORATION, sent to the Carlsbad
Committed to AFMSS for processing by KURT SIMMONS on 01/24/2008 (08LB0003S)

Name *(Printed/Typed)* CINDY BUSH — Title SR. REGULATORY TECH

Signature (Electronic Submission) — Date 01/23/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ACCEPTED — JAMES A AMOS — Title SPET — Date 02/02/2(

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon — Office Carlsbad

Title 18 U.S C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

Additional data for EC transaction #58225 that would not fit on the form

32. Additional remarks, continued

well
11-13-07 Started reverse circ. @1435 & drilling broke threw after 8' dwon, had salt ring & drill 2 jts down, stop drilling & lay down swivel, & started RBIH tbg to 3025', POH tbg collars w/bit, broke off bit & pick up scraper & bit. RBIH to 3028' to clean csg, POH tbg, collars, bit & lay down 6 drill collars disconnected reverse unit
11-14-07 RU tbg tester, test 94 jts 2-7/8" tbg RIH & 7" lok set RBP 7" csg 1 pkr, test tbg fine no leaks, test to 4000# set RBP@2994', pkr @ 2974, leak, pmp 30 bbls down cgs didn't load. unset pkr & RBP POH set @ 2974 pkr @ 2940' 1 bbl to laod test to 1150# ok. POH 30 jts set pkr @1985' test down tbg.550# ok, set pkr @1282', small leak, POH w/CS-1 pkr RIH w/7" AD-1 pkr, set pkr @1282' test to 550# ok POH 20 jts set prk @ 640' took 8.5 bbls to laod & 15 bbls to press to 300# loss 50# in 5 min dig out surface valve, open valve pmp down cgs 26 bbls didn't load.
11-15-07 Found csg leak from 640 to surface. POH LD Pkr & RBP
11-16-07 Set CIBP @2974', Got approval from BLM to Plug and Abandon
11-19-07 Spotted 25 sx on top of CIBP @2974' perf @1500' & sqz 35 sx under pkr. Perf #710'
11-20-07 RIH w/BP perf sub 2 7/8 tbg to 1536' didn't tag cmt. spotted 35 sx cmt w3% CACL POH w/20 jts WOC 3 hrs. RIH & tagged @ 1463'. LD 1 jt. Pmp 25 sx cmt @ 1438'. POIH LD 23 jts to 708'. SI production csg & opened up surf csg. Pmp 24 bbls mud down tbg. would not cir up surf. Pmp 35 sx cmt w/4% CaCl. POH & strode back 22jts. LD 15 jts WOC 2 hrs RIH w/20 jts & tagged @ 632'. LD 1 jt RU on surf and pmp 3 bbls and wtr came up around outside of pipe. Pumped 80 sx cmt w/2% CaCL @ 610' Had circ up prod annulus through last part of job
11-21-07 Tagged cmt @ 184' perf @ 60' Pmp cmt from 184' to surf circ up 7" & surf. ND BOP. Cut off wellhead. Well is P&A

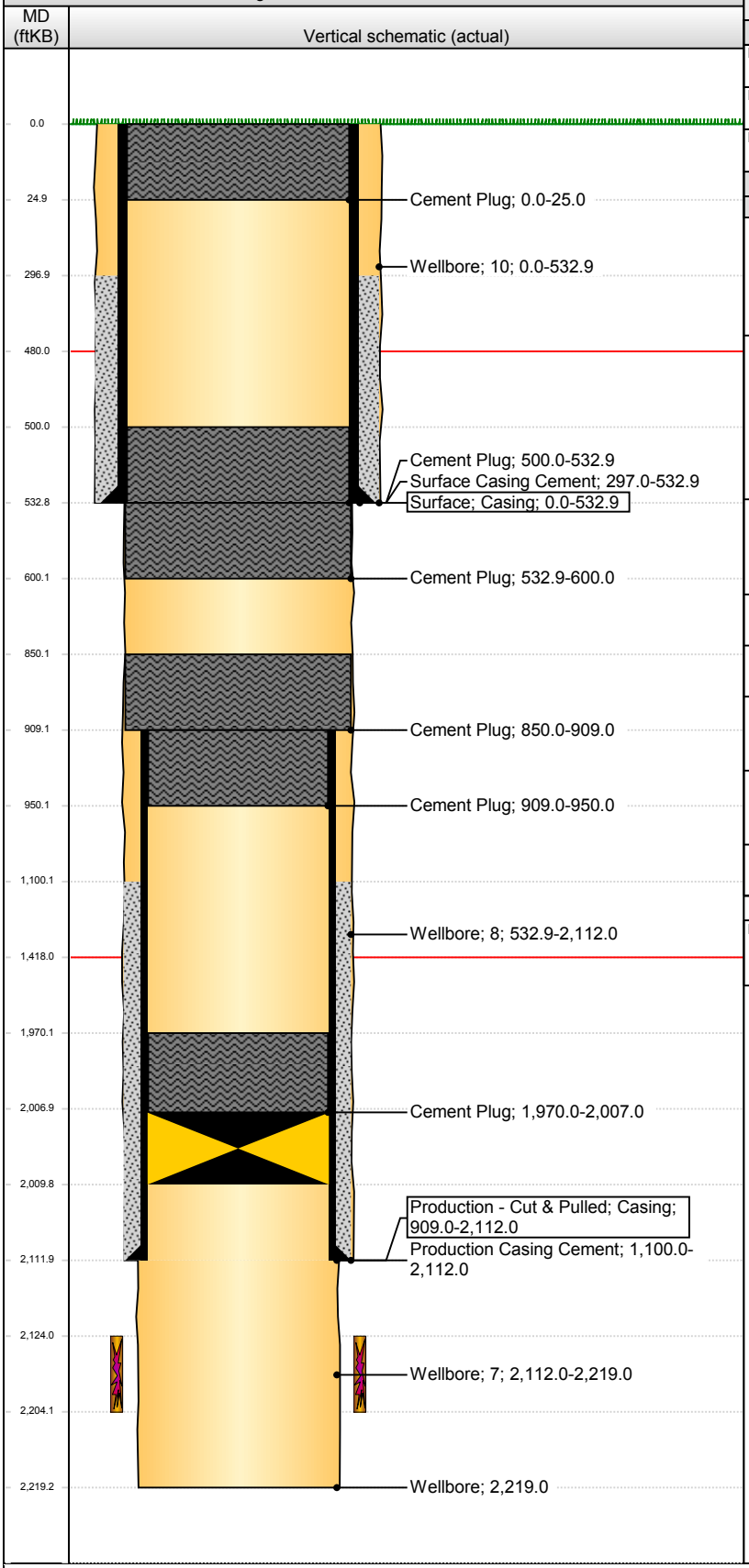
NM Sundry Schematic

Well Name: TURNER B 24

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
300150543300	PB-GRAYBURG	Eddy	NM	29	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,696.00	3,696.00	0.00	4/19/1947	6/9/1947	5/27/1947			Yes

Original Hole, 2/26/2015 7:25:09 AM



Original Hole Data

Casing Strings

Run Date	Casing Description	Set Depth (ftKB)
4/19/1947	Surface	532.9
3/17/1976	Cement Plug	909.0
5/27/1947	Production - Cut & Pulled	2,112.0

Cement Stages

Des	Top (ftKB)	Btm (ftKB)	Com
Surface Casing Cement	297.0	532.9	50 sx TOC @ 297' (calc). Assumes 1.32 cu ft/sx and 50% fillup
Production Casing Cement	1,100.0	2,112.0	Cemented w/ 100 sxs. TOC @ 1100'. Assumed since this was found to be the free point of csg.
Cement Plug	1,970.0	2,007.0	10 sxs on top of CIBP Tag @ 1970'
Cement Plug	909.0	950.0	35 sx 100' plug on 7" stub (850'-950')
Cement Plug	850.0	909.0	35 sx 100' plug on 7" stub (850'-950')
Cement Plug	532.9	600.0	35 sxs for 100' plug on 8 5/8" shoe (500'-600')
Cement Plug	500.0	532.9	35 sxs for 100' plug on 8 5/8" shoe (500'-600')
Cement Plug	0.0	25.0	10 sxs for surface plug.

Other In Hole

Description	Top (ftKB)	Btm (ftKB)	OD (in)	Run Date	Comment
CIBP	2,007.0	2,010.0	6.456	3/17/1976	

Copy to OCC

(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

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—" for such proposals.)

RECEIVED
MAR 29 1976
O. C. C.
ARTESIA, OFFICE

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: Atlantic Richfield Company

3. ADDRESS OF OPERATOR: P. O. Box 1710, Hobbs, New Mexico 88240

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface: 660' FNL & 1979.4' FEL (Unit letter B)

5. LEASE DESIGNATION AND SERIAL NO.: LC 029395 (b)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Turner B

9. WELL NO.: 24

10. FIELD AND POOL, OR WILDCAT: Fren Seven Rivers

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: 29-T17S-R31E

12. COUNTY OR PARISH: Eddy

13. STATE: N.M.

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 3696' DF

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other) Plug & abandon			[X]
(Other)			[ ]	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

Rigged up on 3/17/76. Installed BOP & POH w/69 jts of 2-3/8" OD EUE tbg. WIH w/7" CIBP, set @ 2010'. Circ hole w/heavy gelled mud. Spotted 10 sx Cl H cmt on top of CIBP. Top of plug @ 1970'. Stretched 7" csg, free point indicated @ 1100'. WIH w/jet cutter on WL to 909'. Cut 7" csg @ 909', pulled & recovered. Spotted 35 sx Cl H cmt across 7" OD csg stub @ 909' (100' plug 850-950'). Spotted 35 sx Cl H cmt across 8-5/8" OD csg shoe & top of salt (100' plug 500-600'). Spotted 10 sx Cl H cmt @ surface, inst regulation dry hole marker, plugged & abandoned eff 3/19/76. Cleaned & levelled location in accordance w/USGS & BLM stipulations. Your office to be notified when location is ready for inspection.

RECEIVED
MAR 26 1976
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

18. I hereby certify that the foregoing is true and correct

SIGNED _____ TITLE Dist. Drlg. Supv. DATE 3/24/76

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

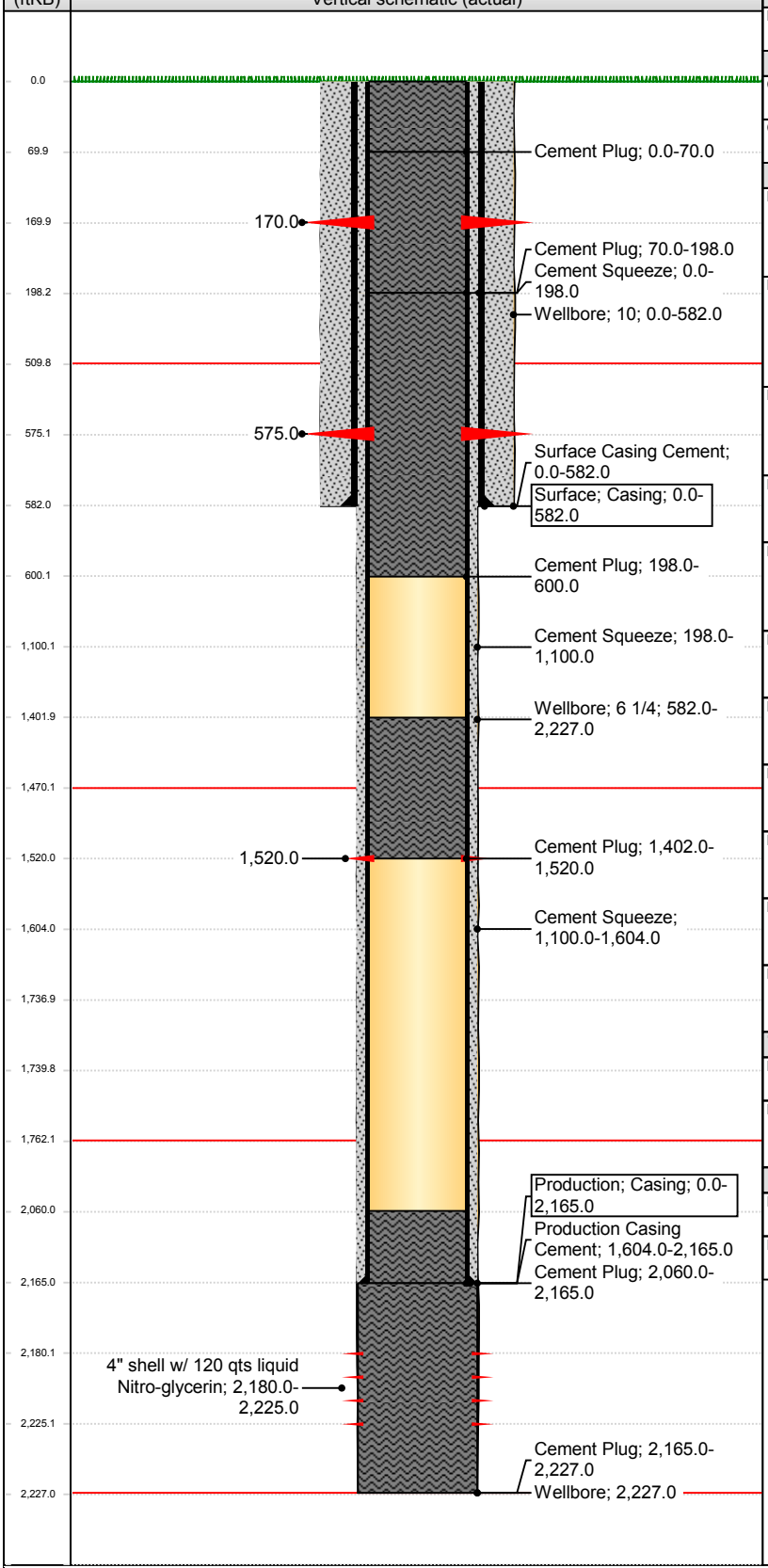
NM Regulatory Schematic

Well Name: TURNER B 22

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
300150543900	PBNM - PB-GRAYBURG	Eddy	NM	29	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,734.64	3,734.64	0.00	2/2/1946		4/17/1946			Yes

Original Hole, 1/12/2015 1:23:38 PM



Original Hole Data

Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag
2,310.0	FNL	1,650.0	FWL

Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Surface	582.0	7	6.366	24.00	J-55	2/15/1946
Production	2,165.0	5 1/2	5.012	14.00	H-40	4/5/1946

Cement Stages

Prop Drill Out?	Des	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
No	Surface Casing Cement	0.0	582.0	Calculated	50 sx cmt. Assumes 1.32 cu ft/sx and 50% fillup.
No	Production Casing Cement	1,604.0	2,165.0	Calculated	100 sx cmt. Assumes 1.32 cu ft/sx and 50% fillup. TOC (calc) @ 1604'
No	Cement Squeeze	1,100.0	1,604.0	Calculated	Sqz from 150 sx cmt plug TOC (calc) @ 1100'
No	Cement Squeeze	0.0	198.0	Tag	sqz from 100 sx, circ cmt to surf
No	Cement Squeeze	198.0	1,100.0	Log	Sqz from 600 sx cmt plug TOC indicated @ 198'
Yes	Cement Plug	0.0	70.0	Tag	Spot 70' cmt inside csg
Yes	Cement Plug	70.0	198.0	Tag	Pmpd 100 sx Circ cmt to surf.
Yes	Cement Plug	198.0	600.0	Tag	600 sx cmt TOC indicated @ 198'
Yes	Cement Plug	1,402.0	1,520.0	Tag	150 sx cmt
Yes	Cement Plug	2,060.0	2,165.0	Tag	100 sx cmt
Yes	Cement Plug	2,165.0	2,227.0	Tag	100 sx cmt

Tubing Components

Prop Run?	Item Description	OD (in)	ID (in)	Wt (lb/ft)	Length (ft)
Yes	IPC Tubing	2 3/8	2.041	4.00	1,737.00
Yes	Arrowset-1X (NP) Pkr w/ On/off Tool	5 1/2			2.75

Formations

Formation	Final Top...	Final Btm...	Comment
Seven Rivers	1,762.0	2,227.0	PROPOSED: INJECTION INTERVAL
Salt	510.0	1,470.0	

Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.: LC 029395 (b)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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—" for such proposals.)

1. OIL WELL [X] GAS WELL [ ] OTHER

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: ARCO Oil and Gas Company

8. FARM OR LEASE NAME: Turner "B"

3. ADDRESS OF OPERATOR: P. O. Box 1610, Midland, Texas 79702

9. WELL NO.: 22

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 660 FNL & 660 FEL (Unit A)

10. FIELD AND POOL, OR WILDCAT: Fren Sevan Rivers

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: 29-17S-31E

RECEIVED BY
FEB - 2 1987
O. C. D.
ARTESIA, OFFICE

14. PERMIT NO.: 30-015-05439

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 3734.64 DF

12. COUNTY OR PARISH: Eddy

13. STATE: NM

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[X]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			
(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

12-1-86. RU PU. P&A'd as follows:

Plug	Interval	Cmt	Remarks
1	2060-2227	100 sx.	CR @ 2060. CIP w/2500# SP. (Open hole)
2	1402-1520	150 sx.	Perf @ 1520. CR @ 1402. (B-Salt)
3	0-575	700 sx.	Perf @ 575. Pmp 600 sx. Did not circ. TS indicate TOC @ 198. Perf @ 170'. Pmpd 100 sx. Circ cmt to surf. Spot 70' cmt inside csg.

Installed dry hole maker
Well P&A'd 12-4-86

BUREAU OF LAND MANAGEMENT
RECEIVED
JAN 26 1987
ROSWELL, NEW MEXICO

18. I hereby certify that the foregoing is true and correct

SIGNED Ken W Gosnell TITLE Engr. Tech. Spec. 915-688-5672 DATE 1-22-87

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE 1-29-87

CONDITIONS OF APPROVAL, IF ANY:

Post ID-2
2-13-87
P+A

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

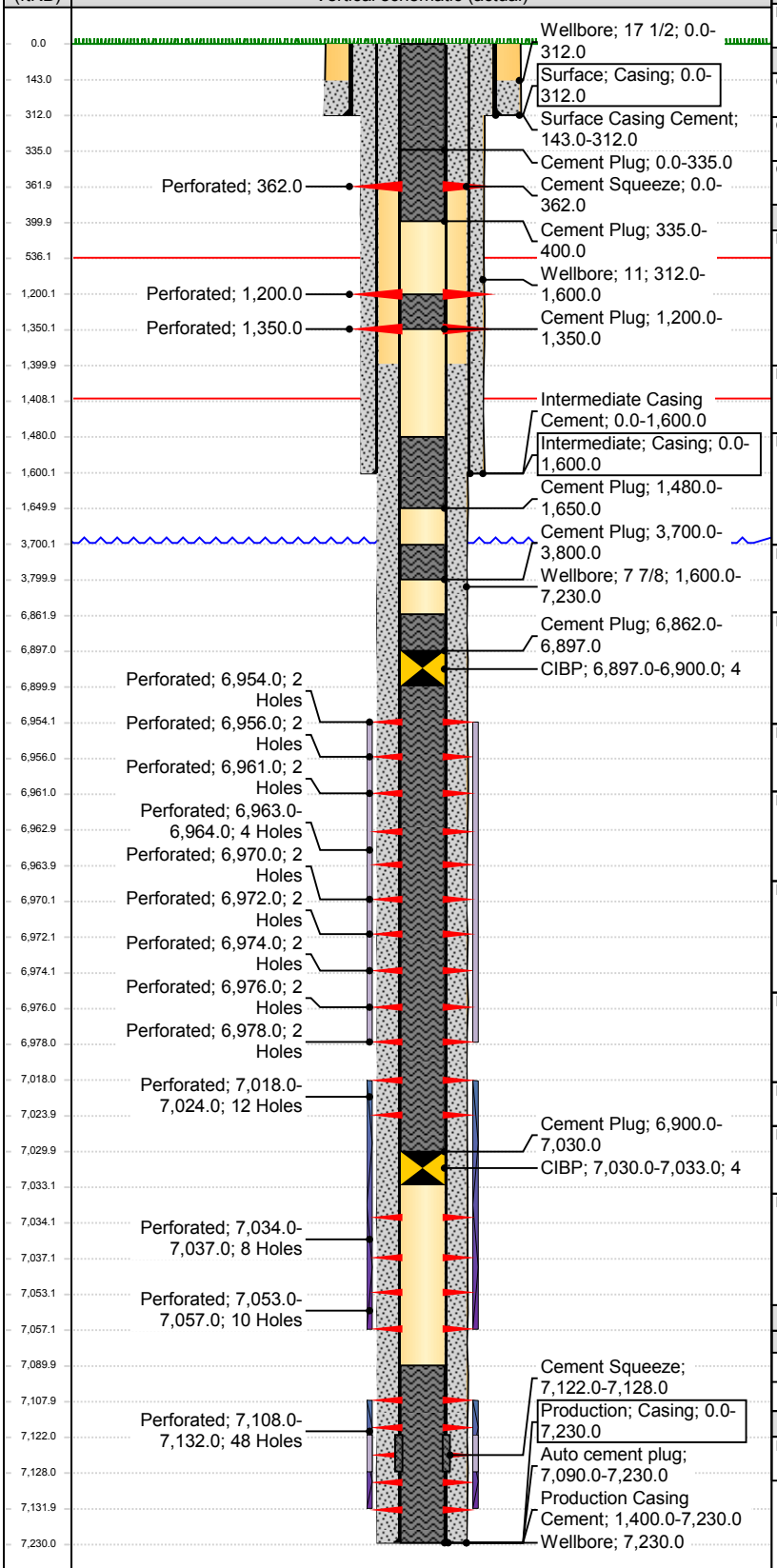
NM P&A Schematic

Well Name: TURNER B 69

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
300150545300	PB-GRAYBURG	Eddy	NM	29	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,688.00	3,688.00	0.00	7/29/1960		9/8/1960			Yes

Original Hole, 1/14/2015 2:07:17 PM



Original Hole Data

Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag
380.0	FNL	2,310.0	FEL

Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Surface	312.0	13 3/8	12.615	54.50	J-55	7/29/1960
Intermediate	1,600.0	8 5/8	8.097	24.00	J-55	7/29/1960
Production	7,230.0	4 1/2	4	11.60	J-55	9/6/1960

Cement Stages

Description	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
Surface Casing Cement	143.0	312.0	Calculated	Cemented w/ 100 sxs. TOC @ 143' (calc). Calc approved by OCD on 3/9/1993
Intermediate Casing Cement	0.0	1,600.0	Returns to Surface	Cemented w/ 1,100 sxs. Circulated
Production Casing Cement	1,400.0	7,230.0	Temperature Log	Cemented w/ 1,100 sxs. TOC @ 1400' (temp survey)
Cement Squeeze	7,122.0	7,128.0		Squeezed w/ 105 sxs.
Cement Squeeze	0.0	362.0	Returns to Surface	Squeezed 175 sx cmt behind 4 1/2" csg and spotted 150 sx cmt to surface
Cement Plug	0.0	335.0	Returns to Surface	Surface plug @ 335'
Cement Plug	335.0	400.0	Tag	Spotted 175 sxs cement @ 400' and into 362' perfs. Tag @ 335'
Cement Plug	1,200.0	1,350.0	Calculated	10 sxs cement spotted @1350 TOC @ 1200' (calc). Assume 1.32 cu ft/sx
Cement Plug	1,480.0	1,650.0	Tag	100' cement plug. Tag @ 1480'
Cement Plug	3,700.0	3,800.0	Tag	100' cement plug.
Cement Plug	6,862.0	6,897.0	Tag	35' cement on top of CIBP.
Cement Plug	6,900.0	7,030.0	Calculated	14 sxs. spotted @ 6900. BOC @ 7030' (calc). Assume 1.32 cu ft/sx

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Com
CIBP	7,030.0	7,033.0	2/25/1994	
CIBP	6,897.0	6,900.0	8/1/1994	Cap w/35' cmt

Formations

Formation	Final Top...	Final Btm...	Comment
Salt	536.0	1,408.0	

Form 3160-5
June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM OIL CONS COMMISSION
Drawer DD
Artesia, NM 88210

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
[X] Oil Well [ ] Gas Well [ ] Other

2. Name of Operator
Marbob Energy Corporation ✓

3. Address and Telephone No.
P.O. Drawer 217 Artesia, N.M. 88210 505-748-3303

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
380
~~330~~ FNL 2310 FEL, SEC. 29-T17S-R31E, UNIT B

RECEIVED
OCT 14 '94
C. C. D.
ARTESIA, OFFICE

5. Lease Designation and Serial No.
LC-029395B

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
Turner B #69

9. API Well No.
30-15-05453

10. Field and Pool, or Exploratory Area
Cedar Lake Abo

11. County or Parish, State
Eddy, N.M.

CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
[ ] Notice of Intent	[X] Abandonment	[ ] Change of Plans
[X] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[ ] Other _____	[ ] Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

1) Spot 14 sxs cement plug at 6900' w.o.c. did not tag any cement
2) Set 4½ C.I.B.P. at 6900' cap w/35' cement
3) Load hole w/mud
4) Spot 100' cement plug at 3800'
5) Spot 100' cement plug at 1650' w.o.c. tag cement top at 1480'
6) Perforate 4½ casing at 1350' unable to pump into perforations
   Perforate 4½ casing at 1200' unable to pump into perforations
   Perforate 4½ casing at 362' at 13 3/8 shoe, was able to pump into perforations but did not load
7) Spot 10 sxs cement plug at 1350'
8) Spot 25 sxs cement at 400' inside 4½ casing and pump 75 sxs cement between 4½ and 8 5/8 w.o.c. did not tag cement. Respot cement plug at 400' w/30 sxs cement w.o.c. tag cement top at 362' pump 75 sxs cement between 4½ and 8 5/8 casing w.o.c. tag cement inside 4½ casing at 335'
9) Spot 150 sxs cement between 4½ and 8 5/8 to surface and spot cement from 335' to surface inside 4½ casing set p and a marker.

Past ID-2
11-4-94
P+A

PLUGGING COMPLETED 8/1/94.

14. I hereby certify that the foregoing is true and correct
Signed Raymond McDonald Title Supervisor Date 8-1-94

(This space for Federal or State office use)
Approved by _____ Title _____ Date 10/12/94
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

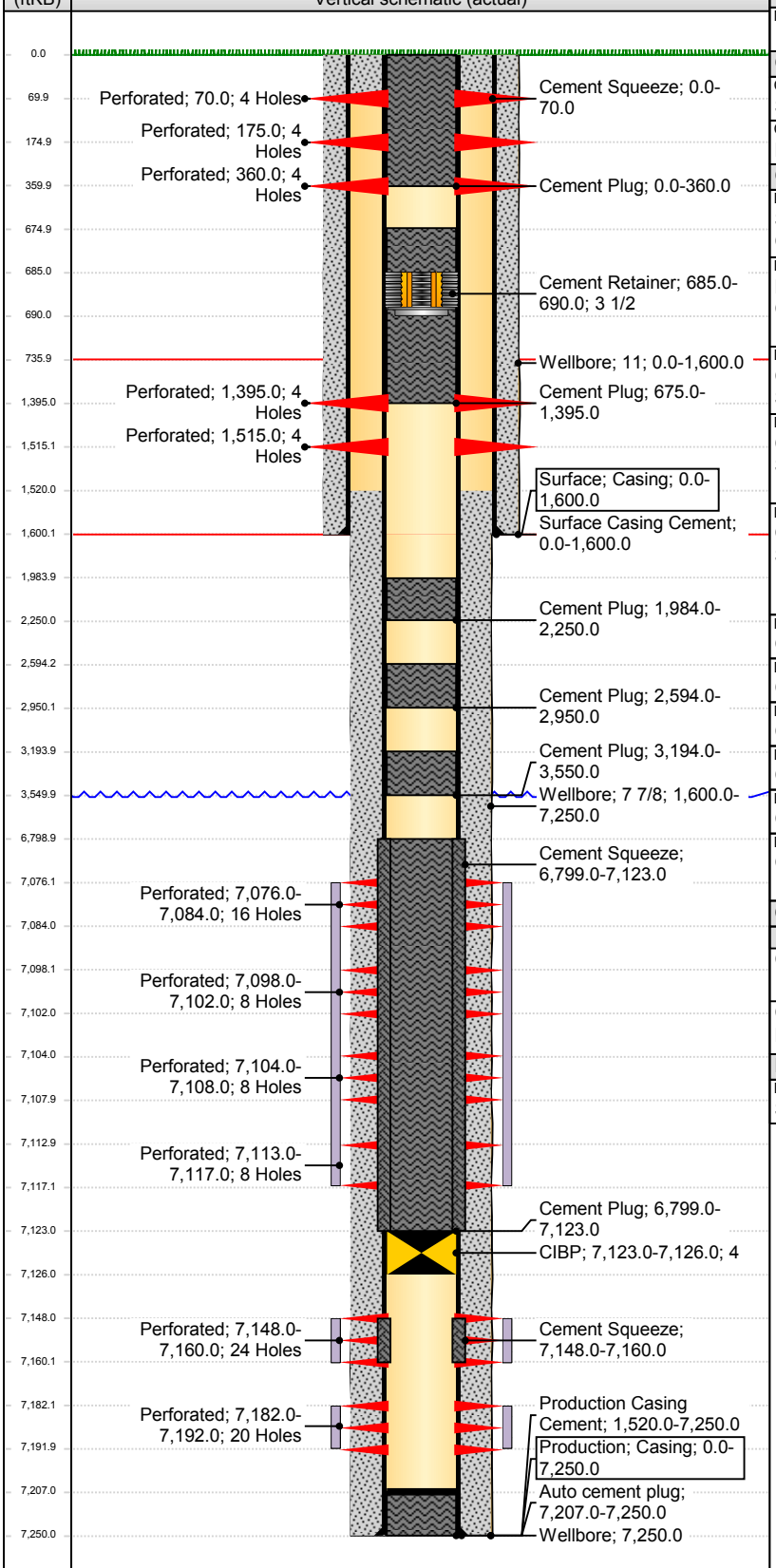
NM P&A Schematic

Well Name: TURNER B 74

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
300150545600	PB-GRAYBURG	Eddy	NM	29	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,735.00	3,735.00	0.00	10/27/1960		11/21/1960			Yes

Original Hole, 1/14/2015 3:43:46 PM



Original Hole Data

Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag
330.0	FNL	990.0	FEL

Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Surface	1,600.0	8 5/8	8.097	24.00	J-55	10/27/1960
Production	7,250.0	4 1/2	4	11.60	J-55	11/21/1960

Cement Stages

Description	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
Surface Casing Cement	0.0	1,600.0	Returns to Surface	Cemented w/ 776 sxs. Circulated
Production Casing Cement	1,520.0	7,250.0	Temperature Log	Cemented w/ 1,300 sxs. TOC @ 1520' (temp survey)
Cement Squeeze	7,148.0	7,160.0	Tag	Squeezewd w/ 50 sxs cmt.
Cement Squeeze	6,799.0	7,123.0	Tag	Squeezed w/ 25 sxs. Held for future development.
Cement Squeeze	0.0	70.0	Returns to Surface	Circulate 50 sx to surface from 70' perf. Unable to circulate through deeper squeeze holes
Cement Plug	0.0	360.0	Tag	350 sxs w/ perfs.
Cement Plug	675.0	1,395.0	Tag	200 sxs. w/ perfs
Cement Plug	1,984.0	2,250.0	Tag	Spotted 25 sxs.
Cement Plug	2,594.0	2,950.0	Tag	Spotted 25 sxs.
Cement Plug	3,194.0	3,550.0	Tag	Spotted 25 sxs.
Cement Plug	6,799.0	7,123.0	Tag	Capped CIBP w/ cmt to 6799' (tagged)

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Com
CIBP	7,123.0	7,126.0	3/6/1965	Topped off with cmt to 6799'
Cement Retainer	685.0	690.0	12/1/1986	

Formations

Formation	Final Top...	Final Btm...	Comment
Salt	736.0	1,600.0	

Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE* (Other instructions reverse side)

Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.
LC 029395 (b)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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—" for such proposals.)

RECEIVED BY
FEB 24 1987
O. C. D.
ARTESIA, OFFICE

1. OIL WELL [X] GAS WELL [ ] OTHER

7. UNIT AGREEMENT NAME

2. NAME OF OPERATOR
ARCO Oil and Gas Company

8. FARM OR LEASE NAME
Turner "B"

3. ADDRESS OF OPERATOR
P. O. Box 1610, Midland, Texas 79702

9. WELL NO.
74

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface
330 FNL & 990 FEL

10. FIELD AND POOL, OR WILDCAT
Cedar Lake Abo

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
29-17S-31E

14. PERMIT NO.
30-015-05456

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
3735 GR

12. COUNTY OR PARISH
Eddy

13. STATE
NM

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF [ ]	PULL OR ALTER CASING [ ]	WATER SHUT-OFF [ ]	REPAIRING WELL [ ]
FRACTURE TREAT [ ]	MULTIPLE COMPLETE [ ]	FRACTURE TREATMENT [ ]	ALTERING CASING [ ]
SHOOT OR ACIDIZE [ ]	ABANDON* [ ]	SHOOTING OR ACIDIZING [ ]	ABANDONMENT* [X]
REPAIR WELL [ ]	CHANGE PLANS [ ]	(Other)	
(Other)		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

RECEIVED
FEB 19 1987
BUREAU OF LAND MANAGEMENT
ROSWELL, NEW MEXICO

12-1-86 RU PU. P&A'd as follows:

Plug	Interval	Cmt	Remarks
1	3194-3550	25 sx	Spot. (B-Grybg/SA)
2	2594-2950	25 sx	Spot. (T-Grybg/SA)
3	1984-2250	25 sx	Spot. (Fren Seven Rivers)
4	675-1395	200 sx	Perf @ 1515'. Could not pump into. Perf @ 1395'. CR @ 685' w/10' cmt.
5	0-360	350 sx	Perf @ 360'. Pmpd 200 sx w/no circ. WOC. TS indicate TOC @ 200' Perf @ 175'. Pmpd 100 sx cmt w/no circ. WOC. Perf @ 70'. Pmpd 50 sx. Circ cmt to surf.

Install dry hole marker
Well P&A'd 12-14-86

Post ID-2
2-27-87
P+A

18. I hereby certify that the foregoing is true and correct
SIGNED Ken W Gosnell TITLE Engr. Tech. Spec. 915-688-5672 DATE 1-27-87

(This space for Federal or State office use)
APPROVED BY _____ TITLE _____ DATE 2-27-87
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

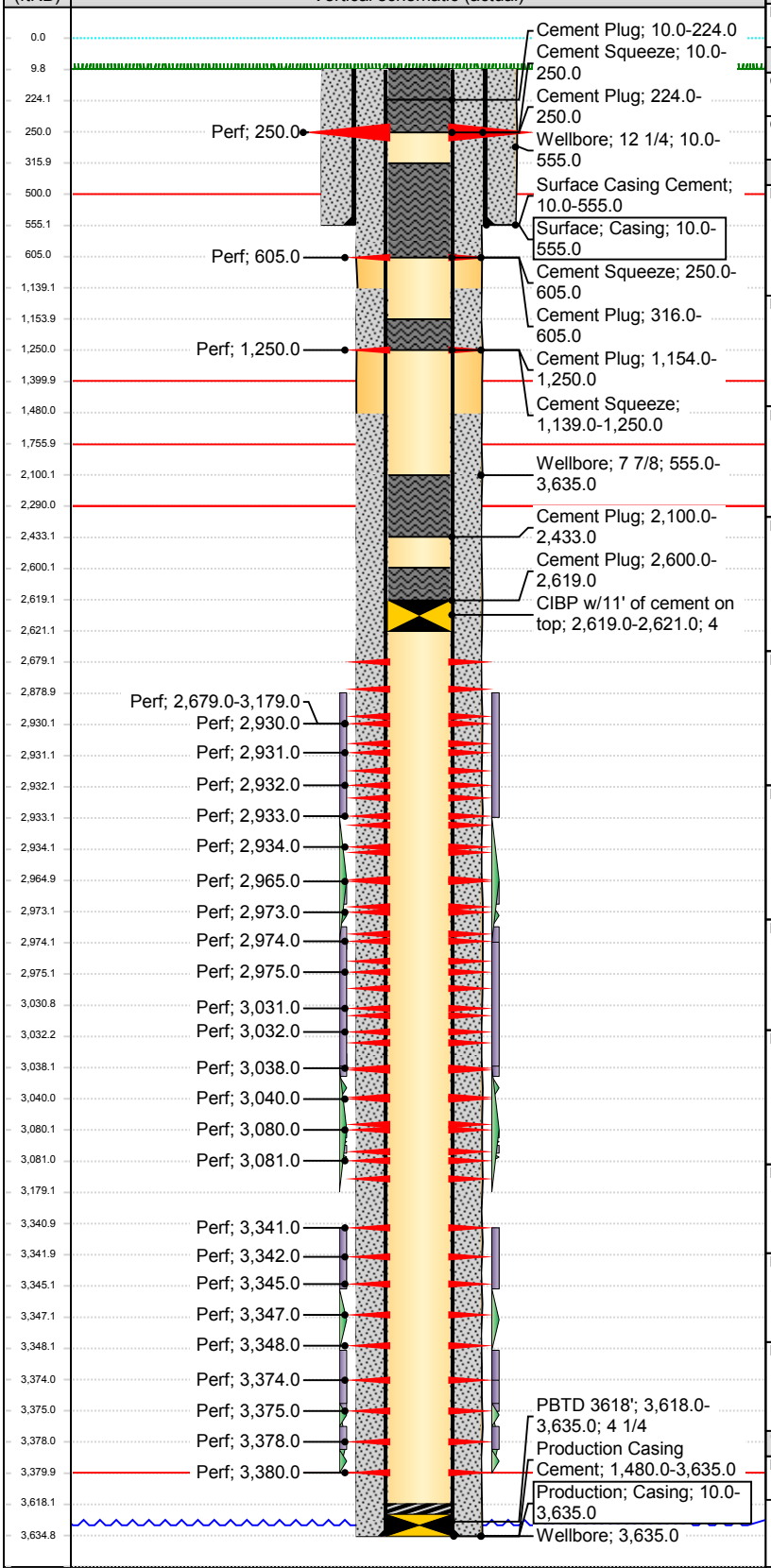
NM Regulatory Schematic

Well Name: TURNER A 35 INJ

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
3001520097	PBNM - PB-GRAYBURG	Eddy	NM	19	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,619.00	3,629.00	10.00	12/2/1967		12/27/1967	32° 49' 20.316" N	103° 54' 7.092" W	Yes

Original Hole, 2/24/2015 2:52:52 PM



Original Hole Data

Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag
1,800.0	FNL	660.0	FEL

Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Surface	555.0	8 5/8	8.097	20.00	J-55	12/2/1967
Production	3,635.0	4 1/2	4.09	9.50	J-55	12/28/1967

Cement Stages

Prop Drill Out?	Des	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
No	Surface Casing Cement	10.0	555.0	Tag	350 sxs Incor Class C plus 2% CL Circ cement to surface.
No	Production Casing Cement	1,480.0	3,635.0	Temp. Survey	390 sxs Incor Class C 4% gel 50/50 Poz A Ran Temp. Survey TOC @ 1480'
Yes	Cement Plug	10.0	224.0	Tag	Spot 20 sxs cmt to surface PROPOSED: DRILL OUT
No	Cement Squeeze	10.0	250.0	Calculated	Perf @ 250' Sqz w/ 100 sxs, no pressure Puimp 75 sxs cmt TOC @ surface (calc)
Yes	Cement Plug	224.0	250.0	Tag	Spot plug w/ 175 sxs cmt @ 250' Tag @ 224' PROPOSED: DRILL OUT
Yes	Cement Plug	316.0	605.0	Tag	Cement plug set w/ 120 sx @ 605' Tag @ 316' PROPOSED: DRILL OUT
No	Cement Squeeze	250.0	605.0	Calculated	Perf @ 605' Sqz 120 sxs cmt TOC @ 250' (calc/assume)
Yes	Cement Plug	1,154.0	1,250.0	Tag	Set cement plug w/ 45 sx @ 1250' Tag @ 1154' PROPOSED: DRILL OUT
No	Cement Squeeze	1,139.0	1,250.0	Calculated	Perf @ 1250' sqz 45 sxs cmt TOC @ 1139' (calc)
Yes	Cement Plug	2,100.0	2,433.0	Tag	Spot plug w/ 25 sxs cmt Tag @ 2100'
Yes	Cement Plug	2,600.0	2,619.0	Tag	Cap CIBP w/ 11' cement. PROPOSED: DRILL OUT

Tubing Components

Prop Run?	Item Description	OD (in)	ID (in)	Wt (lb/ft)	Length (ft)
No	IPC Tubing	2 3/8	1.995	4.70	1,731.00

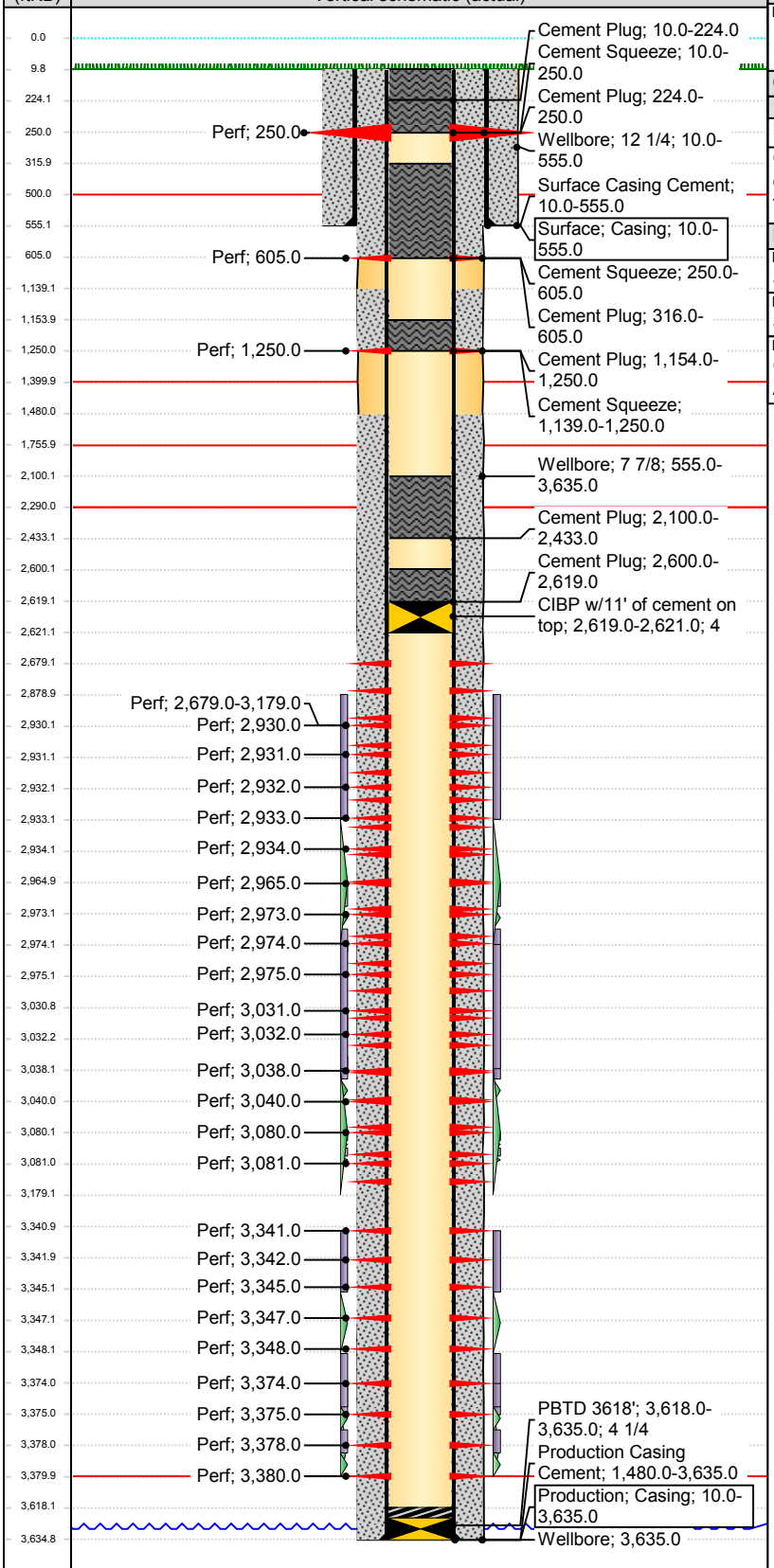
NM Regulatory Schematic

Well Name: TURNER A 35 INJ

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
3001520097	PBNM - PB-GRAYBURG	Eddy	NM	19	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,619.00	3,629.00	10.00	12/2/1967		12/27/1967	32° 49' 20.316" N	103° 54' 7.092" W	Yes

Original Hole, 2/24/2015 2:52:52 PM



Original Hole Data

Tubing Components

Prop Run?	Item Description	OD (in)	ID (in)	Wt (lb/ft)	Length (ft)
No	Arrowset-1X (NP) Pkr w/ On/off Tool	2 3/8			2.75

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Com
PBTD 3618'	3,618.0	3,635.0	12/28/1967	
CIBP w/11' of cement on top	2,619.0	2,621.0	6/16/2011	PROPOSED: DRILL OUT

Formations

Formation	Final Top...	Final Btm...	Comment
Salt	500.0	1,400.0	
Seven Rivers	1,756.0	2,290.0	PROPOSED: INJECTION INTERVAL
Grayburg-San Andres	2,290.0	3,380.0	PROPOSED: INJECTION INTERVAL

Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM APPROVED
OMB NO 1004-0135
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

5 Lease Serial No.
NMLC029395A

6. If Indian, Allottee or Tribe Name

7 If Unit or CA/Agreement, Name and/or No.

1 Type of Well
☐ Oil Well ☐ Gas Well ☒ Other. INJECTION

8. Well Name and No
TURNER A 35

2. Name of Operator
LINN OPERATING INCORPORATED

Contact: TERRY B CALLAHAN
E-Mail tcallahan@linnenergy.com

9. API Well No.
30-015-20097-00-S1

3a. Address
600 TRAVIS STREET SUITE 5100
HOUSTON, TX 77002

3b. Phone No (include area code)
Ph: 281-840-4272

10 Field and Pool, or Exploratory
GRAYBURG

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 19 T17S R31E SENE 1800FNL 660FEL

RECEIVED
JUL 31 2012

11. County or Parish, and State
EDDY COUNTY, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☒ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☒ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13 Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

7/3/2012 - Dig out cellar, NUBOP, TOH w/ all tbg laying down. SD for holiday.

RECLAMATION DUE 1-25-13

7/5/2012 - WO work string. RU TIH PU work string tag plug @ 2600'. Circ mud, spot 25 sxs cmt, POOH to 1250'. WOC, TIH tag cmt plug @ 2100'. TIH w/ gun to 1250', perforate. TOH w/ gun TIH w/ pkr set @ 880' sqz 45 sxs cmt. SWH SDFN

7/6/2012 - Rls pkr, TIH tag plug @ 1154', TOH LD tbg. TIH w/ WL and perf holes 605'. RD WL, TIH w/ 1 jt tbg, set pkr, sqz 60 sxs cmt. WOC. Open up, well flowing back cement. Called Kent w/ the BLM. Request pump 60 more sxs cmt SIH well thru weekend.

7/9/2012 - Check well not flowing, rls pkr, tag plug @ 316', TOH w/ tbg, pkr. TIH w/ WL perf @ 250' RD WL. TIH w/ pkr 1-jt tbg set pump cmt plug w/ no pressure 100 sxs. WOC. TIH, did not tag

Accepted as to plugging of the well bore. Liability under bond is retained until surface restoration is completed.

14. Thereby certify that the foregoing is true and correct.

Electronic Submission #143229 verified by the BLM Well Information System
For LINN OPERATING INCORPORATED, sent to the Carlsbad
Committed to AFMSS for processing by BEVERLY WEATHERFORD on 07/19/2012 (12KMS1907SE)

Name *(Printed/Typed)* TERRY B CALLAHAN — Title REGULATORY SPECIALIST III

Signature (Electronic Submission) — Date 07/18/2012

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ACCEPTED — JAMES A AMOS — Title SUPERVISOR EPS — Date 07/29/2012

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office Carlsbad

Title 18 U S C Section 1001 and Title 43 U S C Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

8/1/2012

Accepted for record
NMOCD

Additional data for EC transaction #143229 that would not fit on the form

32. Additional remarks, continued

plug. RU cmt, pumped 75 sxs cmt, SI well. WOC. SWH, SDFN.

7/10/2012 - Checked pressure to 1000#, tag plug @ 224', pumped 20 sxs to surface, RDMO, WO dryhole marker.

7/17/2012 - Unload backhoe, dig up wellhead and anchors. Set dry hole marker.

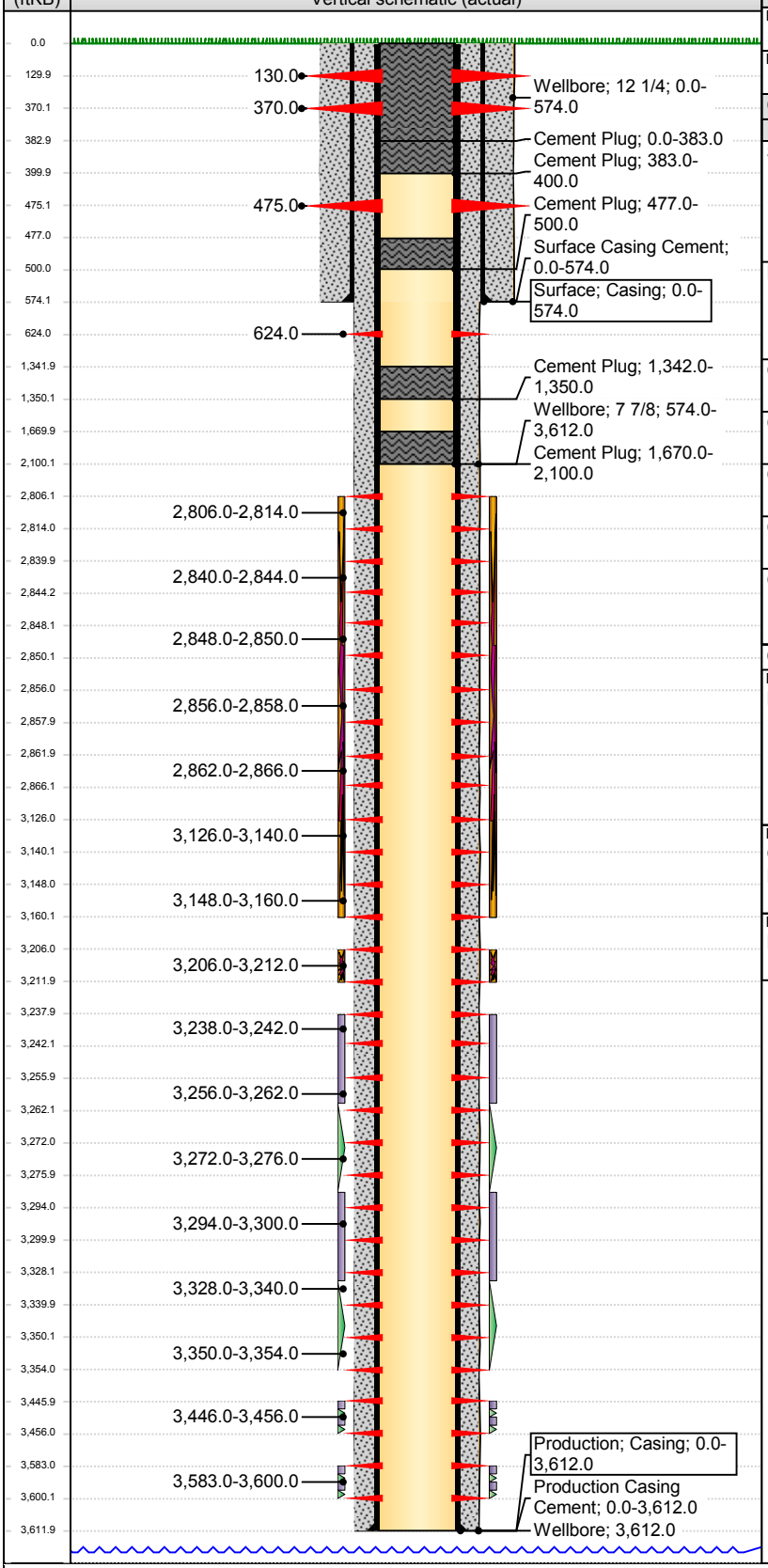
NM Sundry Schematic

Well Name: LAST CHANCE FEDERAL 1

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
3001524450	PBNM - PB-GRAYBURG	Eddy	NM					

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,733.00	3,733.00	0.00	4/5/1983	8/9/1983	4/13/1983	32° 50' 14.208" N	103° 53' 24.72" W	Yes

Original Hole, 12/15/2014 10:00:00 AM



Original Hole Data

Casing Strings

Run Date	Casing Description	Set Depth (ftKB)
4/6/1983	Surface	574.0
4/13/1983	Production	3,612.0

Cement Stages

Des	Top (ftKB)	Btm (ftKB)	Com
Surface Casing Cement	0.0	574.0	cmt w/400 sx class C + 1/4# cello-seal + 2% CaCl circ 25 sx to surf
Production Casing Cement	0.0	3,612.0	cmt w/500 sx Hal Lite + 500 sx 50-50 POZ. circ cmt to surf
Cement Plug	1,670.0	2,100.0	spotted 50 sx class C plug @ 2100'
Cement Plug	1,342.0	1,350.0	squeezed 50 sx class C plug @ 1350'
Cement Plug	477.0	500.0	squeezed 50 sx class C plug @ 500'
Cement Plug	383.0	400.0	squeezed 150 sx class C plug @ 400'
Cement Plug	0.0	383.0	spot 25 sx class C plug @ 383' + 20 sx surface plug

Other In Hole

Description	Top (ftKB)	Btm (ftKB)	OD (in)	Run Date	Comment
NOTE					Found 8 5/8" csg leak. Welded plate on 8 5/8" csg connecting to the 5 1/2" csg on 8/19/2011
Old Cement Plug	0.0	2,100.0	4.892		Drilled out old cement plug w/ 4-3/4" bit
NOTE					Casing leak 1420'-1940'

Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

5. Lease Serial No.
NMLC049998A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
LAST CHANCE 1

2. Name of Operator
LINN OPERATING INCORPORATED

Contact: TERRY B CALLAHAN
E-Mail: tcallahan@linnenergy.com

9. API Well No.
30-015-24450-00-S1

3a. Address
600 TRAVIS STREET SUITE 5100
HOUSTON, TX 77002

3b. Phone No. (include area code)
Ph: 281-840-4272

10. Field and Pool, or Exploratory
GRAYBURG

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 17 T17S R31E SWNE 1650FNL 2310FEL

ULG

11. County or Parish, and State
EDDY COUNTY, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☒ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Final Plug & Abandonment

8/18/11 - MI P&A Equip
8/19/11 - Dug out WH. Found 8-5/8" csg leaking. Welded plat on 8-5/8" csg connecting to the 5-1/2" csg. Built riser to surface and backfilled cellar. Set steel mat & RUPU. NUBOP. SDFW
8/22/11 - WO reverse unit. RU reverse unit. RIH w/ 3/4" bit, drld to 73' & started getting metal and hard cmt. Didn't make any hole for 1 hour. POH w/ bit, looked ok. SDFN
8/23/11 - RIH w/ magnet. PU pieces of 1/8" plate. RIH w/ concave mill. Drld to 97' & stopped gettting metal. POH w/ mill. RIH w/ 4-3/4" bit. Drld to 120'. Circ clean. SDFN
8/24/11 - Drld fr 120' to 335, circ hole clean. SDFN
8/25/11 - Drld fr 335 to 1383', circ hole clean. SDFN
8/26/11 - Drld to 2100'. Circ hole clean. POH LD BHA. RD reverse unit. RIH w/ 5-1/2" packer to

RECEIVED
OCT 03 2011
NMOCD ARTESIA

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #117184 verified by the BLM Well Information System
For LINN OPERATING INCORPORATED, sent to the Carlsbad
Committed to AFMSS for processing by DEBORAH MCKINNEY on 09/13/2011 (11DLM1324SE)

Name *(Printed/Typed)* TERRY B CALLAHAN — Title REGULATORY SPECIALIST III

Signature (Electronic Submission) — Date 09/09/2011

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ACCEPTED — JAMES A AMOS, Title SUPERVISOR EPS — Date 09/25/2011

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office Carlsbad

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

10/17/2011

Accepted for record
NMOCD

PA 9-1-2011

Additional data for EC transaction #117184 that would not fit on the form

32. Additional remarks, continued

1260'. SDFN
8/29/11 - Finished RIH w/ 5-1/2" pkr to 1951'. Set pkr & pressured up on plug to 1500 psi. OK. Isolated holes in csg from 1420-1940'. WO orders from Richard w/ BLM. POH & LD pkr. RIH open ended to 2100'. Spotted 50 sx class "C" cmt fr 1600-2100'. POH. RIH w/ pkr and pressured cmt to 300 psi. SDFN.
8/30/11 - POH LD pkr. RIH open ended, tagged lug @ 1670'. POH, standing back 1260' of tbg., LD remainder. RIH w/ pkr to 1260'. Est inj rate. Sqz'd 50 sx class "C" cmt, mixed w/ 2% CaCl. Displaced cmt to 1350'. SI w/ 500 psi. WOC. Pressured up on plug to 1500 psi. POH LD pkr. RIH open ended, tagged plug @ 1342. Circ hole w/ salt gel. POH standing back 650' of tbg. LD remainder. Perf @ 624'. RIH w/ pkr to 34'. Established inj rate. RIH w/ pkr to 300'. Sqz'd 50 sx class "C" neat cmt. Displaced cmt to 500' SDFN.
8/31/11 - Opened well, 5-1/2" csg was dead. 8-5/8" csg was flowing. POH LD pkr. RIH open ended and tagged plug @ 477'. POH standing back 500' of tbg. LD remainder. Perf @ 475'. Sqzd 150 sx class "C" neat cmt. Displaced cmt to 400'. SDFN w/700 psi.
9/1/2011 - Opened 8-5/8" csg, had suction. Press up on plug to 1100 psi. Tagged plug @ 383'. WO order from BLM. Perf @ 370' & tried to establish inj rate, press up. RIH open ended to 383', spotted 25 sxs class "C" neat cmt fr 130-383'. POH LD tbg. WOC. Perf @ 130' & tried to establish inj rate, press up. Spotted 20 sx class "C" neat cmt fr surface to 136'. Cut off wellhead. RDPU & cleaned location.

OCD - Artesia

Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO 1004-0135
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

5. Lease Serial No
NMLC049998A

6 If Indian, Allottee or Tribe Name

7 If Unit or CA/Agreement, Name and/or No.

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

8 Well Name and No
LAST CHANCE 1

2 Name of Operator
LINN OPERATING INCORPORATED

Contact: TERRY B CALLAHAN
E-Mail: tcallahan@linnenergy.com

9 API Well No
30-015-24450-00-S1

3a Address
600 TRAVIS STREET SUITE 5100
HOUSTON, TX 77002

3b. Phone No (include area code)
Ph: 281-840-4272

10. Field and Pool, or Exploratory
GRAYBURG

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 17 T17S R31E SWNE 1650FNL 2310FEL

11 County or Parish, and State
EDDY COUNTY, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☒ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other Final Abandonment Notice
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones Attach the Bond under which the work will be performed or provide the Bond No on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Amendment to EC transaction #117184

9/12/11 - MOVED IN BACKHOE & WELDER. DUG OUT CELLAR. WELDED ON DRY HOLE MARKER. BACK FILLED CELLAR. BURY ANCHORS, CLEAN LOCATION. MOVE OFF.

RECEIVED
OCT 25 2011
NMOCD ARTESIA

11/14/2011

Accepted for record
NMOCD

14 I hereby certify that the foregoing is true and correct

Electronic Submission #119289 verified by the BLM Well Information System
For LINN OPERATING INCORPORATED, sent to the Carlsbad
Committed to AFMSS for processing by KURT SIMMONS on 10/06/2011 (12KMS0015SE)

Name *(Printed/Typed)* TERRY B CALLAHAN — Title REGULATORY SPECIALIST III

Signature (Electronic Submission) — Date 10/06/2011

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By JAMES A AMOS — Title SUPERVISOR EPS — Date 10/17/2011

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon

Office Carlsbad

Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

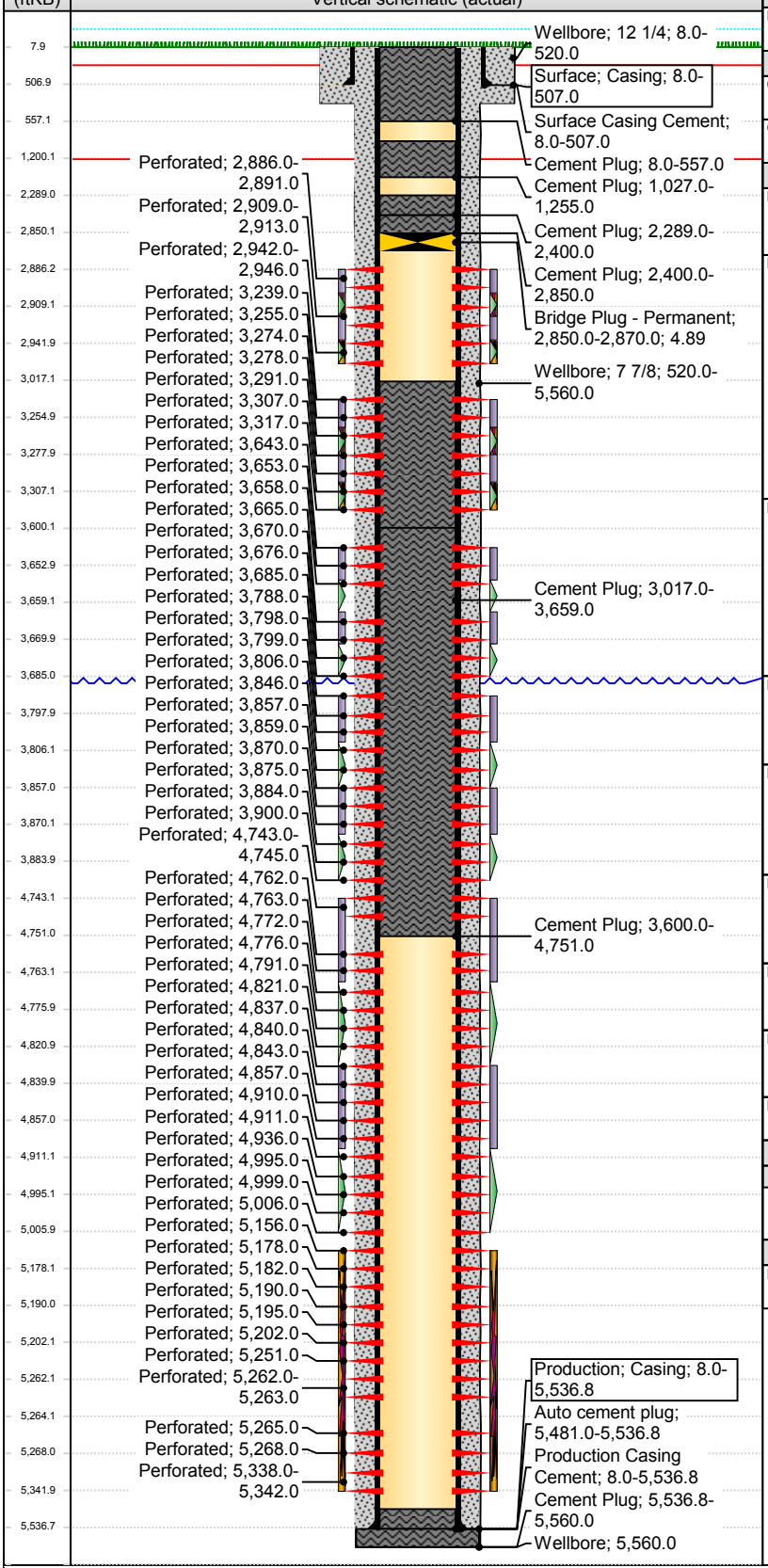
NM P&A Schematic

Well Name: FOSTER EDDY #009

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
3001526273								

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,708.50	3,716.50	8.00	11/29/1990	12/10/1990	12/10/1990	32° 50' 1.137" N	103° 53' 19.544" W	

Original Hole, 1/15/2015 10:01:48 AM



Original Hole Data

Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag
2,310.0	FSL	1,650.0	FEL

Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Surface	507.0	8 5/8	8.097	24.00	J-55	11/29/1990
Production	5,536.8	5 1/2	4.892	17.00	J-55	12/10/1990

Cement Stages

Description	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
Surface Casing Cement	8.0	507.0	Returns to Surface	cmt csg w/ 325 sx w/ 2% C.C., circ 35 sx to surf,
Production Casing Cement	8.0	5,536.8	Returns to Surface	cmtd 1st stage w/250 sx Class C w/6# salt per sx & 4/10 of 1% Halad 322, circ 25 sx, cmtd 2nd stage w/ 2300 sx Class C w/ 6# salt per sx & 4/10 of 1% Halad 322, circ 150 sx to surface.
Cement Plug	3,600.0	4,751.0	Calculated	squeeze 75 sx cmt below pkr @ 3,600'. Did not tag cmt plug. sqz 75 addl sx cmt @ 3600' BOC @ 4751' (calc). Assumes 1.32 cu ft/sx
Cement Plug	3,017.0	3,659.0	Calculated	Pump 75 sx cmt w/2% CaCl @ 3659'. Tag cmt @ 3017'
Cement Plug	2,400.0	2,850.0	Calculated	Circ. well w/ PXA mud. Pump 60 sx cmt on top of CIBP @ 2850. Tagged @ 2400'
Cement Plug	2,289.0	2,400.0	Calculated	Pump 25 sx cmt w/ 2% CaCl @ 2400'. Tagged @ 2289'
Cement Plug	1,027.0	1,255.0	Calculated	Pump 25 sx cmt @ 1255'. Tag @ 1027'
Cement Plug	8.0	557.0	Calculated	Mix & circulate to surf. 70 sx cmt @ 557'
Cement Plug	5,536.8	5,560.0	Tag	PBTD

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Com
Bridge Plug - Permanent	2,850.0	2,870.0	1/22/2014	60 sx cmt on top of plug

Formations

Formation	Final Top...	Final Btm...	Comment
Salt	450.0	1,200.0	

Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
OCD Artesia
MAR 19 2014
NMOCD ARTESIA

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well ☒ Oil Well ☐ Gas Well ☐ Other	Lease Serial No. NMLC049998A
	6. If Indian, Allottee or Tribe Name
	7. If Unit or CA/Agreement, Name and/or No.
	8. Well Name and No. FOSTER EDDY 009
2. Name of Operator COG OPERATING LLC Contact: DAVID A EYLER E-Mail: DEYLER@MILAGRO-RES.COM	9. API Well No. 30-015-26273
3a. Address 600 W. ILLINOIS AVE. MIDLAND, TX 79701 3b. Phone No. (include area code) Ph: 432-687-3033	10. Field and Pool, or Exploratory GRAYBURG-JACKSON
4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)* Sec 17 T17S R31E Mer NMP NWSE 2310FSL 1650FEL	11. County or Parish, and State EDDY COUNTY, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☒ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

01/21/14: SQZ. 75 SXS CMT. BELOW 5-1/2" PKR. AT 3,600'; WOC - DID NOT TAG CMT. PLUG; SQZ. 75 ADD'L SXS CMT. @ 3,600'; WOC.
01/22/14: RIH W/ TBG. - DID NOT TAG CMT. PLUG; PUMP 75 SXS CMT. W/2% CACL @ 3,659'(PER BLM); WOC X TAG CMT. @ 3,017'(OK'D BY BLM); CIRC. WELL W/ PXA MUD; SET 5-1/2" CIBP @ 2,850'; PUMP 60 SXS CMT. ON TOP OF CIBP @ 2,850'; WOC.
01/23/14: TAG CMT. @ 2,400'; PUMP 25 SXS CMT. W/ 2% CACL @ 2,400'(PER BLM); WOC X TAG CMT. PLUG @ 2,289'(OK'D BY BLM); PUMP 25 SXS CMT. @ 1,255'; WOC.
01/24/14: TAG CMT. @ 1,027'; MIX X CIRC. TO SURF. 70 SXS CMT. @ 557'-3'(PER BLM); DIG OUT X CUT OFF WELLHEAD 3' B.G.L.; WELD ON STEEL PLATE TO CSGS. X INSTALL GROUND LEVEL DRY HOLE MARKER.

DURING THIS PROCEDURE WE USED THE CLOSED-LOOP SYSTEM W/ A STEEL TANK AND HAULED CONTENTS TO THE

GD Accepted for record 3/25/14

14. I hereby certify that the foregoing is true and correct

Electronic Submission #233237 verified by the BLM Well Information System
For COG OPERATING LLC, sent to the Carlsbad
Committed to AFMSS for processing by DEBORAH HAM on 03/07/2014 ()

Accepted as to plugging of the well bore. Liability under bond is retained until surface restoration is completed.

Name *(Printed/Typed)* DAVID A EYLER — Title AGENT

Signature (Electronic Submission) — Date 01/27/2014

ACCEPTED FOR RECORD

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By — Title — Date

MAR 15 2014

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. — Office

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

RECLAMATION
DUE 7-23-14 - Completed

Additional data for EC transaction #233237 that would not fit on the form

32. Additional remarks, continued

REQUIRED DISPOSAL, PER OCD RULE 19.15.17.

WELL PLUGGED AND ABANDONED 01/24/14.

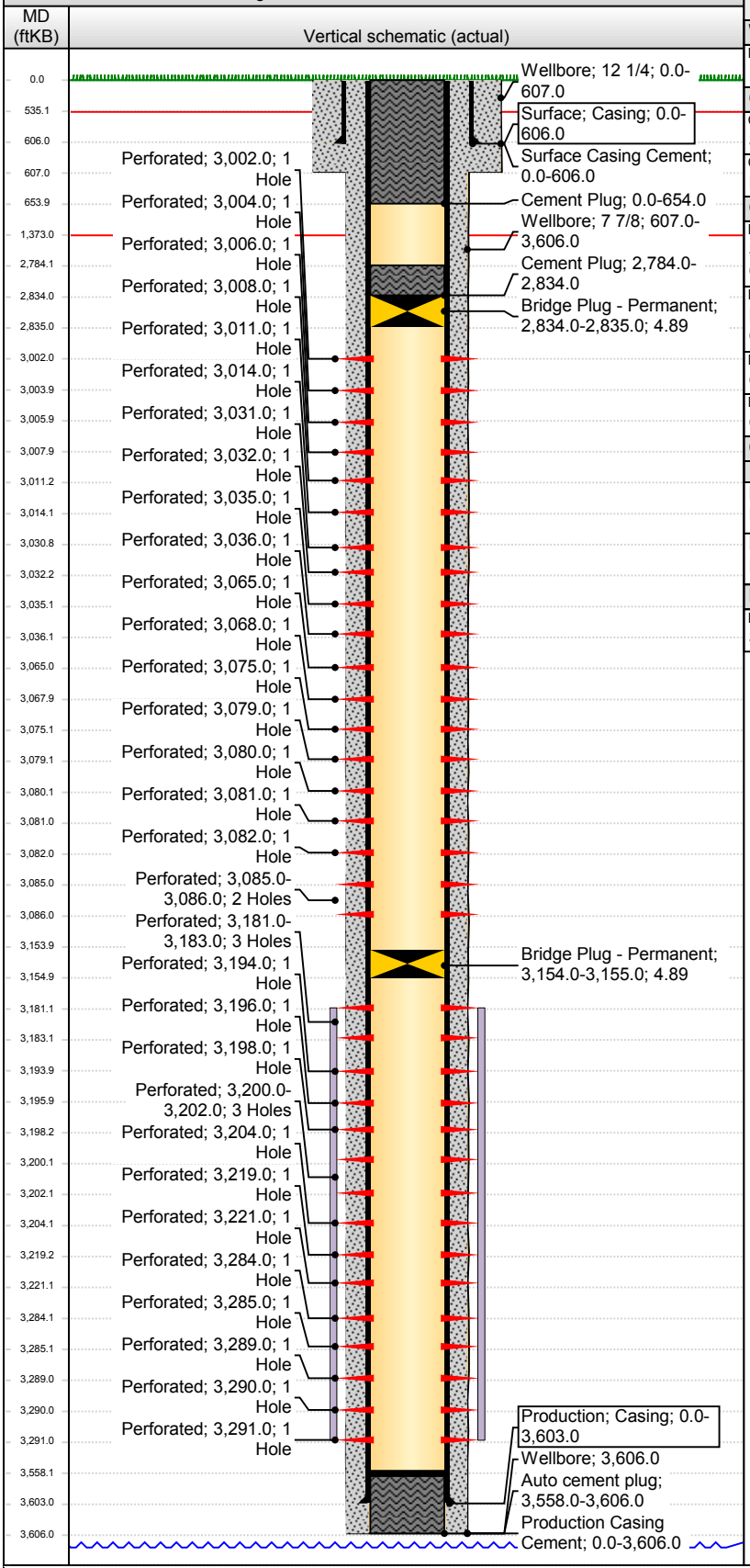
NM P&A Schematic

Well Name: TURNER B 90

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
300152660600	PB-GRAYBURG	Eddy	NM	29	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,689.00	3,689.00	0.00	1/11/1991		1/17/1991			Yes

Original Hole, 1/14/2015 3:40:53 PM



Original Hole Data

Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag
75.0	FNL	2,610.0	FWL

Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Surface	606.0	8 5/8	8.097	24.00	J-55	1/11/1991
Production	3,603.0	5 1/2	4.892	17.00	J-55	1/17/1991

Cement Stages

Description	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
Surface Casing Cement	0.0	606.0	Returns to Surface	Cemented w/ 180 sxs. Circ to surface
Production Casing Cement	0.0	3,606.0	Returns to Surface	Cemented w/ 1620 sxs. Circ to surface
Cement Plug	0.0	654.0	Tag	Surface plug of 180 sxs.
Cement Plug	2,784.0	2,834.0	Tag	Capped CIBP w/ 5 sxs.

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Com
Bridge Plug - Permanent	3,154.0	3,155.0	1/22/1991	
Bridge Plug - Permanent	2,834.0	2,835.0	10/15/1997	Capped w/5 sx cmt

Formations

Formation	Final Top...	Final Btm...	Comment
Salt	535.0	1,373.0	

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division
3. S. 1st St.
Artesia, NM 88210-2834

FORM APPROVED
Budget Bureau No. 1004-0135
Expires March 31, 1993

c\sf

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
DEVON ENERGY CORPORATION (NEVADA)

3. Address and Telephone No.
20 NORTH BROADWAY, SUITE 1500, OKLAHOMA CITY, OKLAHOMA 73102 (405) 236-3611

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
75'FNL & 2610'FWL of Section 29-T17S-R31E

RECEIVED
OCD ARTESIA

5. Lease Designation and Serial No.
LC-029395B

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
NA

8. Well Name and No.
Turner "B" #90

9. API Well No.
30-015-26606

10. Field and Pool, or Exploratory Area
Grayburg-Jackson Field

11. County or Parish, State
Eddy County, NM

CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
☐ Notice of Intent	☒ Abandonment	☐ Change of Plans
☒ Subsequent Report	☐ Recompletion	☐ New Construction
☐ Final Abandonment Notice	☐ Plugging Back	☐ Non-Routine Fracturing
	☐ Casing Repair	☐ Water Shut-Off
	☐ Altering Casing	☐ Conversion to Injection
	☐ Other ____	☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Post ID-2
12-12-97
P+A

Well was permanently plugged and abandoned on 10/15/97 as follows:

1. Set CIBP @ 2835' and capped with 5 sxs cement (+50').
2. Spot balanced cement plug in 5 1/2" casing @ 0'- 654'(±50' below surface casing shoe) with 180 sxs.
3. Cut off 8 5/8" and 5 ½" casing 3' below surface.
4. Install dry hole marker and restore location.

Approved as to plugging of the well bore.
Liability under bond is retained until
surface restoration is completed.

NOTE: 9.5ppg mud spotted between cement plugs.

Cement is Class "C" @ 14.8ppg (yield=1.32 cu ft/sx).

14. I hereby certify that the foregoing is true and correct

Signed Charles H. Carleton Title Sr. Engineering Tech. Date October 16, 1997

(This space for Federal or State office use)

Approved by Wes Bakugale Title PETROLEUM ENGINEER Date OCT 30 1997

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

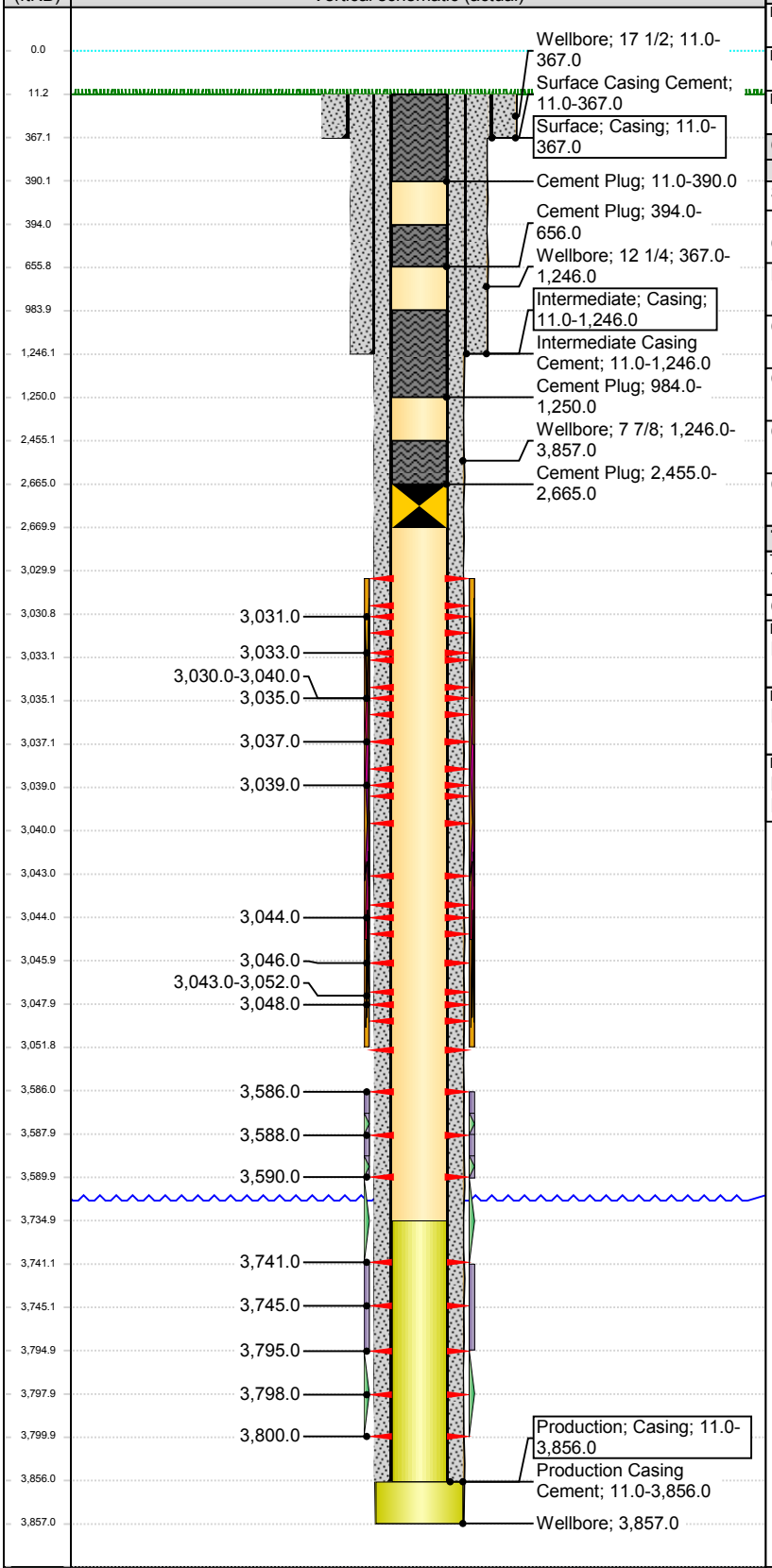
NM Sundry Schematic

Well Name: TURNER B 101

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
3001526695	PBNM - PB-GRAYBURG	Eddy	NM	20	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,656.00	3,667.00	11.00	6/7/1992	9/15/1992	6/15/1992	32° 49' 28.38" N	103° 53' 46.032" W	Yes

Original Hole, 12/15/2014 11:41:31 AM



Original Hole Data

Casing Strings

Run Date	Casing Description	Set Depth (ftKB)
	Surface	367.0
	Intermediate	1,246.0
	Production	3,856.0

Cement Stages

Des	Top (ftKB)	Btm (ftKB)	Com
Surface Casing Cement	11.0	367.0	
Intermediate Casing Cement	11.0	1,246.0	
Production Casing Cement	11.0	3,856.0	
Cement Plug	2,455.0	2,665.0	pump 25sx cmt on top of CIBP
Cement Plug	984.0	1,250.0	Spot first plug @ 1250'
Cement Plug	394.0	656.0	Spot second plug @ 656'
Cement Plug	11.0	390.0	Spot third plug @ 390' to surface

Tubing Strings

Tubing Description	Run Date	Set Depth (ftKB)
Tubing - Production	12/19/2012	3,216.7

Other In Hole

Description	Top (ftKB)	Btm (ftKB)	OD (in)	Run Date	Comment
Plug Back Fill	3,856.0	3,857.0	7 7/8	8/21/1992	
Plug Back Fill	3,735.0	3,856.0	5.012	8/21/1992	
Bridge Plug - Permanent	2,665.0	2,670.0	5.012	10/28/2013	

Form 3160-5
(August 2007)

OCD Artesia

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

5. Lease Serial No.
NMLC029395B

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
TURNER B 101

2. Name of Operator
LINN OPERATING INCORPORATED

Contact: TERRY B CALLAHAN
E-Mail: tcallahan@linnenergy.com

9. API Well No.
30-015-26695-00-S1

3a. Address
600 TRAVIS STREET SUITE 5100
HOUSTON, TX 77002

3b. Phone No. (include area code)
Ph: 281-840-4272

10. Field and Pool, or Exploratory
GRAYBURG

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 20 T17S R31E NWNW 990FNL 1150FWL

11. County or Parish, and State
EDDY COUNTY, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☒ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

RECLAMATION
DUE 5-5-14

10/17/2013 - Had to wait for location to be repaired before we could drive rig on pad. MIRU, wait for flow back tank to arrive to be able to open up well. Open well up and start flow back.Unbridle well, lay down PR. Tried to fish standing valve in pump but unable to. POOH W/ 3/4" rods but no standing valve. NDWH & NUBOP and catch pan. POOH W/ tbg. All tbg in well in bad shape. Lay down all tbg pulled. Left 21 jnts in well. Called to line up fisherman. Work string arrived and unloaded onto racks. Secure well, SDFN.

RECEIVED
DEC 16 2013
NMOCD ARTESIA

10/18/2013 - Open well up to frac tank to flow down. PU & RIH W/ 4-11/16" overshot & grapple, bumper sub, and 2 7/8 work string. RIH and tag up @ 2269' and plugged off tbg. POOH W/ tbg and tools, perfs are covered over with fill. Called for Aztec reverse unit, pit showed up @ 2:00pm. Truck had to go back for pump, swivel and collars. Turned well down flowline. SDFN.

Accepted as to plugging of well bore.
Liability under bond is retained until
Surface restoration is completed.

RDade Accepted for record NMOCD 12/17/13

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #227005 verified by the BLM Well Information System
For LINN OPERATING INCORPORATED, sent to the Carlsbad
Committed to AFMSS for processing by KURT SIMMONS on 12/03/2013 (13KMS5708SE)

Name *(Printed/Typed)* TERRY B CALLAHAN — Title REG COMPLIANCE SPECIALIST III

Signature (Electronic Submission) — Date 11/15/2013

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ACCEPTED — JAMES A AMOS — Title SUPERVISOR EPS — Date 12/10/2013

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office Carlsbad

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**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

9

Additional data for EC transaction #227005 that would not fit on the form

32. Additional remarks, continued

10/21/2013 - Unload shoe and washpipe pick up 4 3/4' shoe and 4 jts -4 1/2" wash pipe, Pick up 4- 3 1/2" collars, TIH w/ tools and tbg RU stripper head and swivel clean/ drill to top of fish. Lunch. Circulate sand out (Plunger on reverse pump leaking) SWH SDFN.

10/22/2013 - Start clean out @ 2316' circulate clean bit plugged off. TOH w/ work string and wash pipe. (Called Engineer said to released Basic Fisher man.) RU TIh w/ 4 3/4" cone bit w/ 4-3 1/2" drill collars, and work string. cleaned out few feet and well KICKING oil & gas. pressure not dropping. Hooked back to flow line SWH SDFN. This AM get Pressure off well clean out to fish.

10/23/2013 - TIH w/ bit tag fill 2493', RU swivel. Drill/ Clean out to 2540'/ top of fish, circulate clean. TOH w/ work string stand back collars, lay dwn bit. Wait on wash pipe, unload/ Pick up TIH w/ 4 3/4" shoe w/ OD cut-rite & 4- 4 3/4" wash pipe, and 4-3 1/2" collars. Wash over fish.

10/24/2013 - Tag up @2540', RU swivel clean dwn to 2670' to fish circulate clean TOH w/ wash pipe look good. RU 4 11/16" shoe w/ 3 21/32" grappple and 4 3 1/2" drill collars, latch onto fish TOH w/ work string and over-shot + fish =21-jts tbg and perf sub. Lay dwn wash pipe. Hook up flow line to well.

10/25/2013 - RU TIH w/ 4 3/4" bit and 5 1/2' scraper to 2698' well flowing back good. TOH w/ bit and scraper. Gray Wire-Line could not get to loc. to late. Hook up flow line to well.

10/28/2013 - RU Gray Wire-line TIH w/ 5 1/2" C.I.B.P. set at 2670' pump 25-sx cement top of CIBP tag w/ wire-line @2455'. RD Gray Wire-Line, RU TIH w/ 5 1/2" Pkr. to 2430' would not set TOH w/ Pkr. RU TIH w/ 1XPkr w/ carbine slips (Tongs broke dwn SWH SDFN.)

10/29/2013 - TIH w/ Parker pressure test csg from 2430' to 2102' test good 500#, 2104' to 1774' lost 150# in 1 min, 1774' to 1672" lost 200# in 1 min. from 1672' to 1446' csg good. (1640' to surface csg good up to 500# , From 1774' down Csg no good.) Call Engineer Briklynd orders to plug well. TIH w/ all rods and TOH laying down in singles. Start Plugging Process.

10/30/2013 - MIRU Rising Star. spot first cement plug @1250' , WOC tag @984' stop second plug @656', Pull up hole SWH SDFN WOC.

10/31/2013 - Start equipment RIRU Rising Star tag plug @394' hang @390' pump 3rd cement plug TOH w/ tbg WOC. RU TIH tag @114' ND catch pan and BOP. Pump cement to surface RD Rising Star, Revese Unit and PU. (OK by Kent w/ BLM) Crew drove to yard,. WELL P&A

11/6/2013 - Cut off well head. Welded on 12-1/2" plate and installed Dry Hole Marker Three Feet Below Ground. Backfilled cellar. Cut off dead men, cleanded location and moved off.
Lat=32.824565 Long= 103.896766

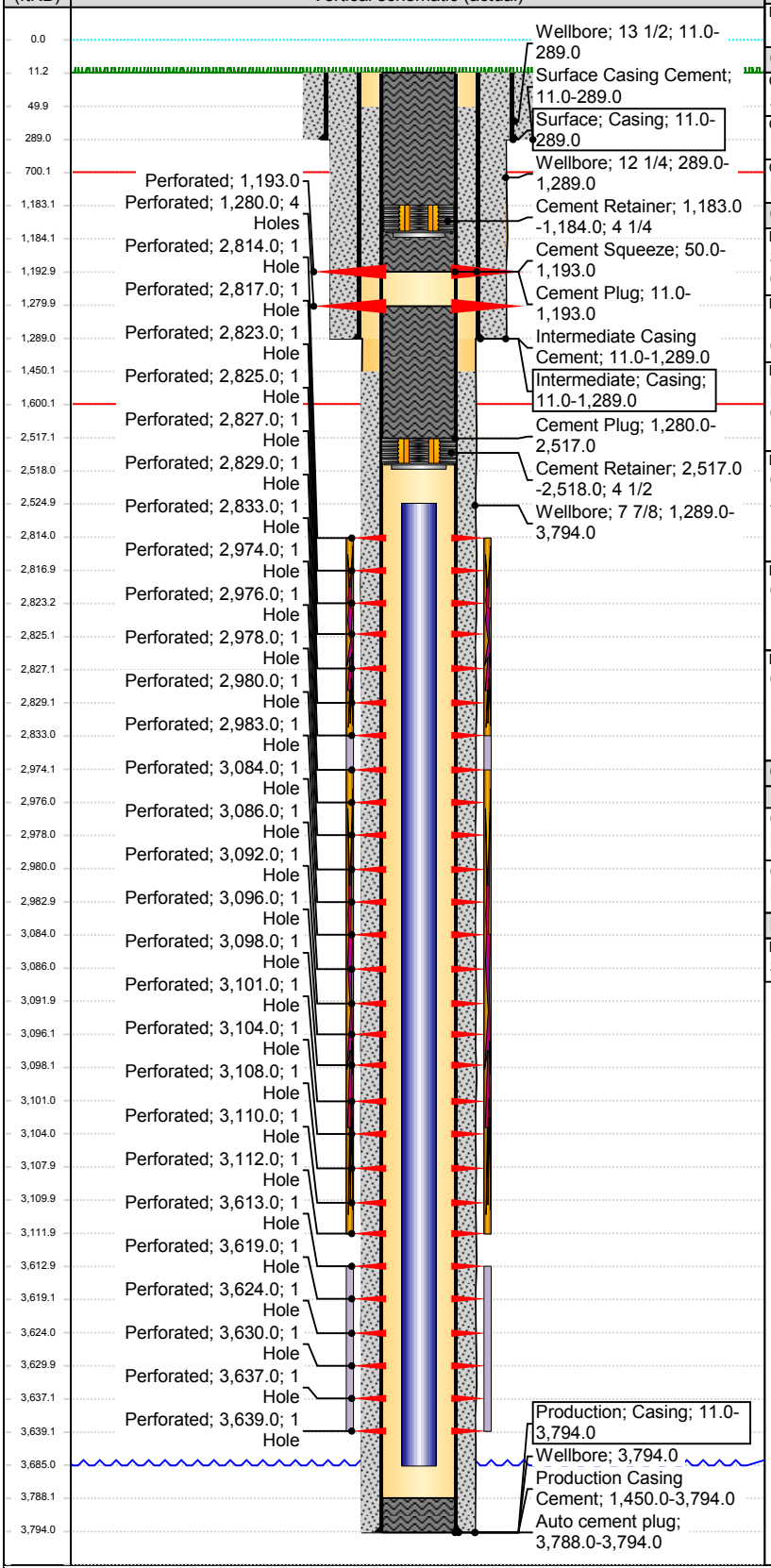
NM P&A Schematic

Well Name: TURNER B 105

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
300152670500	PB-GRAYBURG	Eddy	NM	17	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,674.00	3,685.00	11.00	6/24/1992		6/30/1992			Yes

Original Hole, 1/14/2015 4:23:48 PM



Original Hole Data

Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag
15.0	FSL	2,625.0	FEL

Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Surface	289.0	13 3/8	12.715	48.00	J-55	6/25/1992
Intermediate	1,289.0	8 5/8	8.097	24.00	J-55	6/26/1992
Production	3,794.0	5 1/2	5.012	14.00	J-55	6/30/1992

Cement Stages

Description	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
Surface Casing Cement	11.0	289.0	Returns to Surface	Cemented w/ 400 sxs circ to surface.
Intermediate Casing Cement	11.0	1,289.0	Returns to Surface	Cemented w/ 600 sxs. to surface
Production Casing Cement	1,450.0	3,794.0	Cement Bond Log	Cemented w/ 900 sxs. TOC @ 1450' (log)
Cement Squeeze	50.0	1,193.0		Pumped 300 sx class C cmt TOC UNKNOWN
Cement Plug	11.0	1,193.0	Returns to Surface	Pumped 300 sx cmt to surface, through retainer, and into squeeze perfs
Cement Plug	1,280.0	2,517.0	Calculated	Dumped 150 sxs cement on ret. TOC 1280'

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Com
Cement Retainer	1,183.0	1,184.0	10/17/1996	
Cement Retainer	2,517.0	2,518.0	10/17/1996	

Formations

Formation	Final Top...	Final Btm...	Comment
Salt	700.0	1,600.0	

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division
811 S. 1st Street
Artesia, NM 88210-2834

FORM APPROVED
Budget Bureau No. 1004-0135
Expires March 31, 1993

c/s

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well: ☐ Oil Well ☐ Gas Well ☒ Other P & A	5. Lease Designation and Serial No.: LC-029395-B
2. Name of Operator: DEVON ENERGY OPERATING CORPORATION	6. If Indian, Allottee or Tribe Name: N/A
3. Address and Telephone No.: 20 NORTH BROADWAY, SUITE 1500, OKLAHOMA CITY, OKLAHOMA 73102 (405)552-4527	7. If Unit or CA, Agreement Designation: N/A
4. Location of Well (Footage, Sec., T., R., M., or Survey Description): 15' FSL & 2625' FEL, Sec. 17-17S-31E	8. Well Name and No.: Turner B #105
	9. API Well No.: 30-015-26705
	10. Field and Pool, or Exploratory Area: Grayburg Jackson
	11. County or Parish, State: Eddy County, NM

RECEIVED
NOV 18 1996
OIL CON. DIV.
DIST. 2

CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
☐ Notice of Intent	☒ Abandonment	☐ Change of Plans
☒ Subsequent Report	☐ Recompletion	☐ New Construction
☒ Final Abandonment Notice	☐ Plugging Back	☐ Non-Routine Fracturing
	☐ Casing Repair	☐ Water Shut-Off
	☐ Altering Casing	☐ Conversion to Injection
	☐ Other ____	☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Post ID-2
12-26-96
P+A

The well was plugged and abandoned as follows:

10/9/96 to 10/14/96 - Pulled tbg & cleaned out hole. Left 2 7/8" tbg 2525'-3685'.
10/15/96 - Set cmt retainer @ 2518', pumped 150 sxs Class C cmt.
10/16/96 - Perf'd squeeze holes @ 1280'. Set cmt retainer @ 1200'.
10/17/96 - Spoke w/Jim Hunter @ BLM about plugging proceedure. Could not inject into retainer. Shot squeeze holes @ 1193'. Set cmt retainer @ 1183'. Pumped 300 sxs Class C cmt.
10/18/96 - Tagged cmt 8' from surface. Filled csg w/cmt.
10/21/96 - Installed dry hole marker.

Approved as to plugging of the well bore.
Liability under bond is retained until
surface restoration is completed.

14. I hereby certify that the foregoing is true and correct

Signed Karen Byers Title KAREN BYERS ENGINEERING TECHNICIAN Date 10/30/96

(This space for Federal or State office use)

Approved by (ORIG. SGD.) DAVID R. GLASS Title PETROLEUM ENGINEER Date NOV 14 1996

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

***See Instruction on Reverse Side**

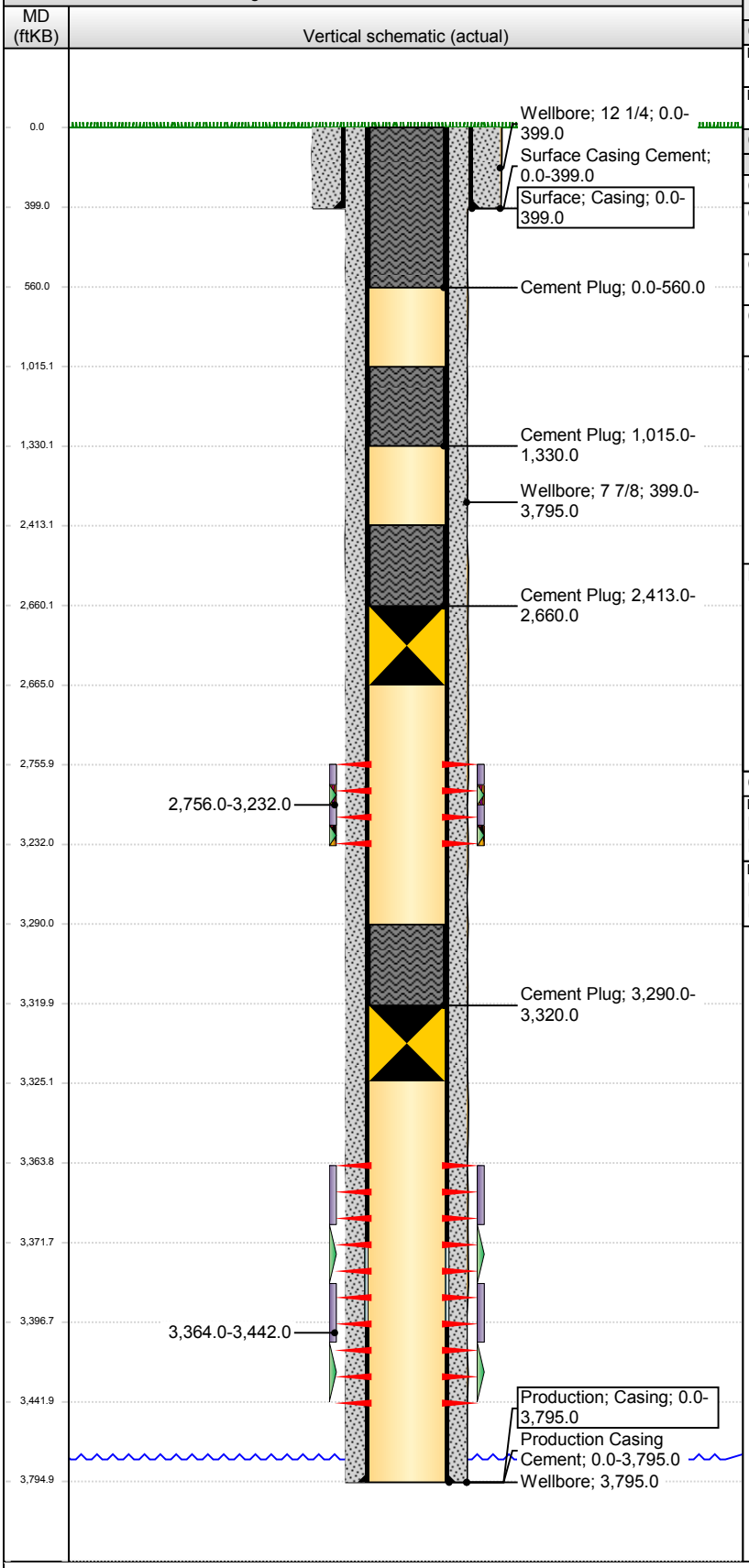
NM Sundry Schematic

Well Name: TURNER A 52

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
3001528795	PBNM - PB-GRAYBURG	Eddy	NM	18	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,696.00	3,696.00	0.00	3/25/1996	5/8/1996	3/31/1996	32° 49' 50.844" N	103° 54' 0.828" W	Yes

Original Hole, 12/17/2014 7:44:55 AM



Original Hole Data

Casing Strings

Run Date	Casing Description	Set Depth (ftKB)
3/25/1996	Surface	399.0
3/31/1996	Production	3,795.0

Cement Stages

Des	Top (ftKB)	Btm (ftKB)	Com
Cement Plug	3,290.0	3,320.0	PBTD
Cement Plug	2,413.0	2,660.0	spotted 25 sx cmt @ 2660'
Cement Plug	1,015.0	1,330.0	spotted 30 sx cmt @ 1330'
Cement Plug	0.0	560.0	spotted 65 sx cmt @ 560' to surface
Surface Casing Cement	0.0	399.0	Lead - 300 sx 65/35 POZ C + 6% gel + 2% CaCl2 + 1/4#/sx celloseal. Tail - 200 sx class C + 2% CaCl2. Circ cmt to surface
Production Casing Cement	0.0	3,795.0	Lead - 900 sx 35/65 C + 4% gel + 1/4#/sx celloflake. Tail - 300 sx class H + 10% Thixad + 1/4#/sx celloflake. Circ cmt to surface

Other In Hole

Description	Top (ftKB)	Btm (ftKB)	OD (in)	Run Date	Comment
Bridge Plug - Permanent	3,320.0	3,325.0	4.95	3/31/1996	PBTD w/ CIBP when well was spudded
Bridge Plug - Permanent	2,660.0	2,665.0	4.95	2/28/2014	

Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia
RECEIVED
MAR 14 2014
NMOCD ARTESIA

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

5. Lease Serial No.
NMLC029395A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
TURNER A 52

2. Name of Operator
LINN OPERATING INC
Contact: TERRY B CALLAHAN
E-Mail: tcallahan@linnenergy.com

9. API Well No.
30-015-28795

3a. Address
600 TRAVIS STREET, SUITE 5100
HOUSTON, TX 77002

3b. Phone No. (include area code)
Ph: 281-840-4272

10. Field and Pool, or Exploratory
GRAYBURG JACKSON;SR-Q-G-S

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 18 T17S R31E Mer NMP NESE 1335FSL 110FEL
32.830949 N Lat, 103.900913 W Lon

11. County or Parish, and State
EDDY COUNTY COUNTY, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☒ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Accepted as to plugging of the well bore
Liability under bond is retained until
surface restoration is completed.

COMPLETED PLUGGING & ABANDONING OPERATIONS:

2/28/2014 - MIRU PLUGGING EQUIPMENT. NDWH. NUBOP. RIH W/ WL & TAGGED CIBP @ 2660'.

3/01/2014 - RIH W/ TBG OPEN ENDED. CIRC HOLE W/ MUD LADEN FLUID. SPOTTED 25 SXS CMT @ 2660-2413'. (PER KENT CAFFAL W/ BLM). PRESSURED TESTED CSG TO 500 PSI. SPOTTED 30 SXS CMT @ 1330-1034'. POH W/ TBG. NDBOP. WOC. TAGGED PLUG @ 1015' W/ WL. SPOTTED 65 CMT @ 560 TO SURFACE. RIGGED DOWN AND MOVED OFF.

3/3/2014 - MOVED IN WELDER AND HELPER. DUG OUT CELLAR. CUT OFF WELLHEAD. WELDED ON A "BELOW GROUND DRY HOLE MARKER". BACK FILLED CELLAR. CUT OFF AND REMOVED DEADMEN. CLEANED LOCATION AND MOVED OFF.

Accepted for record
NMOCD 3/17/2014

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #237861 verified by the BLM Well Information System
For LINN OPERATING INC, sent to the Carlsbad
Committed to AFMSS for processing by DEBORAH HAM on 03/07/2014 ()

RECLAMATION DUE 8-30-14

Name *(Printed/Typed)* TERRY B CALLAHAN — Title REG COMPLIANCE SPECIALIST III

Signature (Electronic Submission) — Date 03/05/2014

ACCEPTED FOR RECORD

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By — Title — Date

MAR 12 2014

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

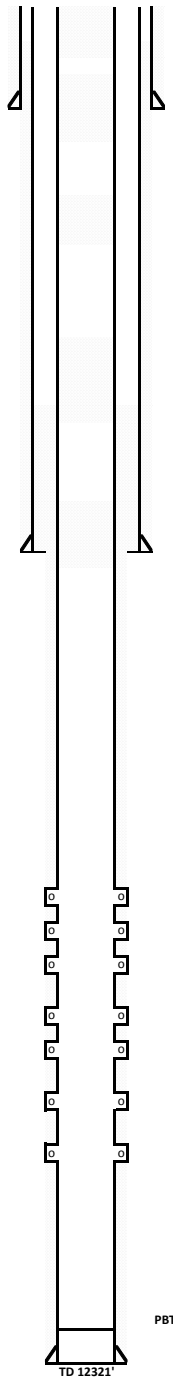
Well Name:	**Fair 17 Federal #001**

	Location:
Location	1792' FNL 727' FWL
Section:	E-17-17S-31E
Block:	
Survey:	
County:	Eddy
Lat/Long:	32.8368475766276, -103.898199235836
Field:	Cedar Lake, Glorietta-Yeso
	Elevations:
GL:	3,720'
DF.	
KB-GL Calc:	3737'
ck w/log?	

Logging Requirements:

Date	
5/24/1996	Spud well. Drilled 17 1/2" hole to 600'. Ran 13-3/8" csg' and cemented w/655 sx cmt. Cmt circ to surf.
6/4/1996	Drilled 12 1/4" hole to 4700'. Ran 8-5/8" csg and Cmt'd w/1800 sx cmt. TOC @2530' by temp survey.
6/22/2001	Drilled 7 7/8" hole to TD @ 12321'. Ran 5 1/2 csg' and cemented with 962 sx cmt. TOC @ 2530' by temp survey and PBTD @ 11448'
6/23/2001	Perf @ 11330' - 11333' (6spf)
12/3/2002	Perf @ 11196' - 11199' (24 shots)
12/4/2002	Acidized Perfs w/ 500 gal 7.5% NEFE Morrow Acid
12/9/2002	Perf @ 10,880 - 10,887' (48 shots)
12/11/2002	Acidized Perfs w/ 750 gal 7.5% NEFE Acid (15 shots)
1/30/2003	CO2 Foam frac w/ 14,000 gal 65Q CO2 & 20,000# 20/40 econoprop
9/9/2003	Perf @ 10537' - 10579' 15 shots, 1 spf)
9/10/2003	Acidize Perfs w/ 3500 gal 15% HCL Acid
1/22/2004	Perf @ 9643' - 9647' (5 shots)
1/23/2004	Acidize Perfs w/ 1500 gal 15% HCL
1/26/2004	Perf @ 9030' - 9131' (16 shots)
1/27/2004	Acidize Perfs @ 9031' - 9130' w/ 3500 gal 15% NEFE HCL Acid
1/29/2004	Perf @ 8762' - 8797' (10 shots)
1/30/2004	Acidize Perfs @ 8762' - 8797' w/ 2000 gal 15% HCL Acid
9/7/2005	Perf @ 8162'-8259' and Acidize 4000 gal 15% HCL Acid and frac'd w/ 100K# Ottawa Sand
8/26/2013	Spot 32 sxs @ 4750' WOC Tag @ 4430'
8/27/2013	Spot 45 sxs from 2612' - 2161'. Spot 20 sxs cmt @ 1380' - 1175' Tag @ 1208'. Spot40 sxs from 700' - 344' Tag @ 319'
8/28/2013	Spot 20 sxs from 110' to surface RDMO

Current
Wellbore Diagram



Well Name:	**Fair 17 Federal #001**
API No:	**30-015-28969**
Spud Date:	**1/17/1959**
WBD Update:	**12/17/2014 D. Nguyen**

Hole Size:	17 1/2"
Surf Csg:	13 3/8" H40, 48#
Cement Blend:	655 sx
Depth:	600'
TOC:	Cmt to surf (circulated)

Hole Size:	12 1/4"
Int Csg:	8 5/8" J55, 24#
Cement Blend:	1800 sx
Returns:	
TOC:	280' (temp. survey)
Depth:	4700'

Details of Perforations

11330' - 11333' (6 SPF)
11196' - 11199' (24 shots)
10880' - 10887' (48 shots)
10537' - 10579' (15 shots)
9643' - 9647' (5 shots)
9031' - 9130' (16 shots)
8762' - 8797'
8162' - 8259' (23 shots)

Acid or Fracture Treatment Details

12/3/2002	Perfs 11196 - 11199' Acidized w/500 gals NEFE Morrow Acid
12/11/2002	Perfs 10880' - 10887'Acidized 750 gal NEFE Acid
1/30/2003	CO2 Foam Frac w/ 14,000 gal 65Q CO2 & 20,000# 20/40 Ecor
9/11/2003	Perfs 10537'-10579' 3500 gal 15% HCL Acid
1/23/2004	Perfs 9643'-47' Acidize 1500 gal 15% HCL
1/27/2004	Perfs 9030'-31' Acidize w/ 3500 gal 15% NEFE Acid
1/30/2004	Perfs 8762'-97' Acidize w/ 2000 gal 15% HCL Acid
9/7/2005	Pefrs 8162'-8259' Acidize 4000 gal 15% HCL Acid and frac'd w

Hole Size:	7 7/8"
Prod Csg:	5-1/2, 17#
Capacity (bbl/ft):	
Cement Blend:	962 sx cmt
Returns:	
TOC:	2500' (temp svy)
Depth	11492'

Form 3160-5
(April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM APPROVED
OM B No. 1004-0137
Expires: March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well Use Form 3160-3 (APD) for such proposals

SUBMIT IN TRIPLICATE *- Other instructions on reverse side.*

5. Lease Serial No. **NMLC054980**	
6. If Indian, Allottee or Tribe Name	
7. If Unit of CA / Agreement, Name and/or No.	
1. Type of Well ☑ Oil Well ☐ Gas Well ☐ Other	8. Well Name and No. **Fair 17 Federal #1** (39535)
2. Name of Operator **Fair Oil, LTD.** (65531)	9. API Well No. **30-015-28969**
3a. Address **P.O. Box 689 Tyler, TX 75710** / 3b. Phone No. *(include area code)* **903-592-3811**	10. Field and Pool, or Exploratory Area **Cedar Lake; Glorieta-YESO** (96831)
4. Location of *(Footage, Sec., T., R., or Survey Description)* **1792' FNL & 727' FWL, Sec. 17-T17S-R31E, Unit E**	11. County or Parish, State **Eddy County, NM**

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-off
☑ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☑ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the bond No. on file with the BLM / BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

8/26/2013 **Spot 32 sxs @ 4750' WOC Tag @ 4430'.**
8/27/2013 **Spot 45 sxs from 2612'-2161'. Spot 20sxs cmt @ 1380' - 1175' - Tag @ 1208'**
Spot 40 sxs @ 700' - 344' - Tag @ 319'.
8/28/2013 **Spot 20 sxs from 110'-surface RDMO.**

RECEIVED
NOV 13 2013
NMOCD ARTESIA

Accepted as to plugging of the well bore.
Liability under bond is retained until surface restoration is completed.

RECLAMATION
DUE 2-24-14

Accepted for record
NMOCD 11/20/13
LRD

14. I hereby certify that the following is true and correct Name **Greg Bryant**	Title **P&A Tech**
Signature	Date **8/29/13**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE ACCEPTED FOR RECORD

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operatins thereon.	Office	NOV 8 2013

Title 18 U.S.C.,Section 1001 and Title 43 U.S.C., Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

OPCH 11-20-12

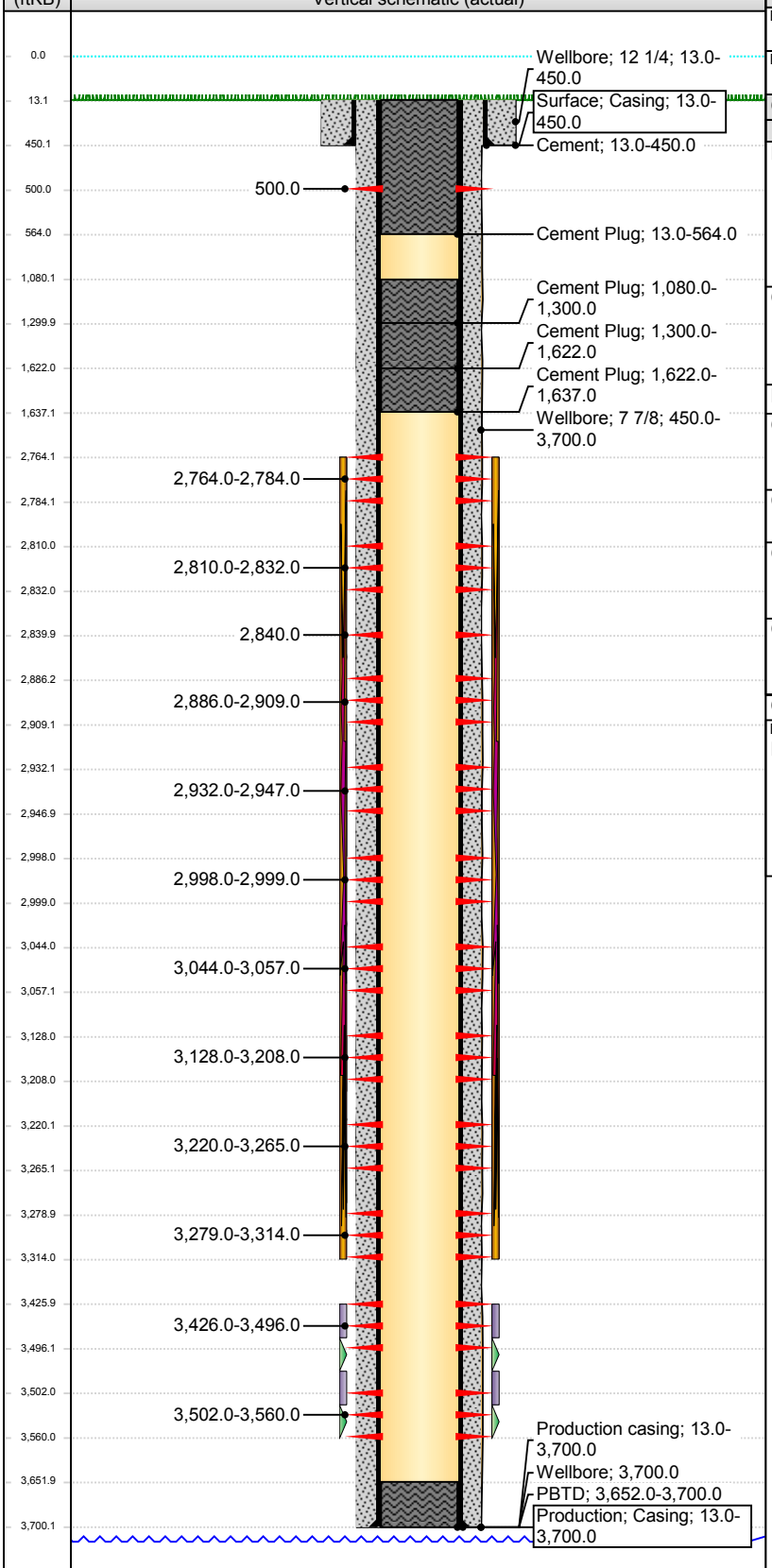
NM Sundry Schematic

Well Name: TURNER A 60

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
3001529761	PBNM - PB-GRAYBURG	Eddy	NM	18	017-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,756.00	3,769.00	13.00	11/28/1997	1/30/1998	12/4/1997	32° 49' 42.6" N	103° 54' 55.008" W	Yes

Original Hole, 12/15/2014 11:01:22 AM



Original Hole Data

Casing Strings

Run Date	Casing Description	Set Depth (ftKB)
11/28/1997	Surface	450.0
11/28/1997	Production	3,700.0

Cement Stages

Des	Top (ftKB)	Btm (ftKB)	Com
Production casing	13.0	3,700.0	250 sx class C POZ + 275 sx class H + 850 sx class C POZ + 200 sx class C circ cmt to surf
Cement	13.0	450.0	300 sx class C POZ + 200 sx class C cmt to surf
PBTD	3,652.0	3,700.0	PBTD
Cement Plug	1,300.0	1,622.0	re-spot 50 sx class C + 2% CACL plug @ 1622'
Cement Plug	13.0	564.0	spotted 60 sx class C plug to surf
Cement Plug	1,080.0	1,300.0	spot 100 sx class C + 2% CACL plug @ 1300'
Cement Plug	1,622.0	1,637.0	spotted 50 sx class C + 2% CACL plug @ 1637'

Other In Hole

Description	Top (ftKB)	Btm (ftKB)	OD (in)	Run Date	Comment
NOTE				5/8/2013	Run Jarrel Service Inc. camera found part CSG @1255'/ lowered tbg to 1637' would not go past this point.

Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
OCD Artesia
AUG 13 2013
NMOCD ARTESIA

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well ☒ Oil Well ☐ Gas Well ☐ Other	5. Lease Serial No. NMLC029395A
	6. If Indian, Allottee or Tribe Name
	7. If Unit or CA/Agreement, Name and/or No.
	8. Well Name and No. TURNER A 60
2. Name of Operator LINN OPERATING INCORPORATED Contact: TERRY B CALLAHAN E-Mail: tcallahan@linnenergy.com	9. API Well No. 30-015-29761-00-S1
3a. Address 600 TRAVIS STREET SUITE 5100 HOUSTON, TX 77002 3b. Phone No. (include area code) Ph: 281-840-4272	10. Field and Pool, or Exploratory GRAYBURG
4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)* Sec 18 T17S R31E SWSW 500FSL 330FWL	11. County or Parish, and State EDDY COUNTY, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☒ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

5/10/2013 - MIRU CEMENTING EQUIPMENT. SPOTTED 50 SX CLASS C CEMENT W 2% CACL @ 1637-1143. WOC. TAGGED @ 1622'. RE-SPOT 50 SX CLASS C CEMENT W/ 2% CACL @ 1622-1128. WOC.

5/13/2013 - TAGGED PLUG @ 1300'. SPOT 50 SXS CLASS C CEMENT W 2% CACL @ 1300-806 PER CHERYL DE MONTIGNY W/ BLM. WOC. TAGGED PLUG @ 1260'. SPOTTED 50 SXS CLASS C CEMENT W/ 3% CACL @ 1260-766 PER CHERYL DE MONTIGNY W/ BLM. WOC.

5/14/2013 - TAGGED PLUG @ 1080'. PUMPED 15 BBLS MUD LADEN FLUID. SET PKR @ 30' AND PRESSURED UP ON CSG. HELD. PERF'D CSG @ 500'. PRESSURED UP ON CSG. PERF'D CSG. NDBOP & RIH OPEN ENDED TO 564'. SPOTTED 60 SXS CLASS C CEMENT @ 564-SURFACE. WITNESSED BY KENT CAFFAL W/ BLM. RIGGED DOWN CEMENT UNIT AND MOVED OFF.

Accepted for record
NMOCD 8/19/13

Accepted as to plugging of the well bore. Liability under bond is retained until surface restoration is completed.

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #213059 verified by the BLM Well Information System
For LINN OPERATING INCORPORATED, sent to the Carlsbad
Committed to AFMSS for processing by KURT SIMMONS on 07/12/2013 (13KMS6741SE)

Name *(Printed/Typed)* TERRY B CALLAHAN	Title REGULATORY SPECIALIST III
Signature (Electronic Submission)	Date 07/10/2013

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ACCEPTED	(BLM Approver Not Specified) Title	Date 08/11/2013
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office Carlsbad	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **** gw

RECLAMATION
DUE 11-10-13

Additional data for EC transaction #213059 that would not fit on the form

32. Additional remarks, continued

5/20/2013 - MOVED IN WELDER AND HELPER. DUG OUT CELLAR. WAITED ON BLM. DUG OUT CELLAR. CUT OFF WELLHEAD AND WELDED ON GROUND LEVEL DRY HOLE MARKER. CUT OFF DEADMEN. BACKFILLED CELLAR AND CLEANED LOCATION. MOVED OFF.

CURRENT WELLBORE DIAGRAM ATTACHED

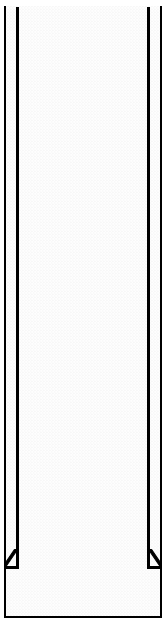
Well Name:	**Tony Federal #006**

	Location:
Location	230' FNL & 1499' FWL
Section:	S-19-T175-SR31E
Block:	
Survey:	
County:	EDDY
Lat/Long:	32.8266323404075,-103.912013654512
Field:	LOCO HILLS
	Elevations:
GL:	3718'
DF.	3729'
KB-GL Calc:	3730'
ck w/log?	

Logging Requirements:

Date	
8/8/1999	Spud well @ 3:30 PM. Drilled 17-1/2" hole to 458'. Ran 10 jts 13-3/8" 54.5# J55 ST&C casing to 454'. Cemented w/450 sx premium plus. Plugged down @ 7:30 AM 8/9/1999. Circ 150 sx to surface.
8/11/1999	Plug as follows: Stage 1 - cmt w/250 sx premium plus. Tagged @ 930'. Stage 2 - cmt w/610 sx premium plus. Tagged @ 610'. Stage 3 - cmt w/250 sx premium plus. Tagged @ 300'. Cement to surface

Current
Wellbore Diagram



13-3/8" 54.5# J55 ST&C set @ 454'

Plugged well w/ 1110 sx cmt (tagged)

TD ~1030' (calc)

Well Name:	**Tony Federal #006**
API No:	**30-015-30397**
Spud Date:	**8/8/1999**
WBD Update:	**12/9/14 M. Reginato**

Hole Size:	17-1/2"
Surf Csg:	13-3/8" 54.5# J55 ST&C
Cement Blend:	450 SX
Depth:	454'
TOC:	SURFACE (tagged)

Hole Size:
Int Csg:

Cement Blend:

Returns:
TOC:

Details of Perforations

Acid or Fracture Treatment Details

N. M. Oil Cons. Division
811 S. 1ST ST.
ARTESIA, NM 10-2834

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.
LC-029395A

6. If Indian, Allottee or Tribe Name

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT-" for such proposals

SUBMIT IN TRIPLICATE

7. If Unit or CA. Agreement Designation

1. Type of Well
X Oil Well ___ Gas Well ___ Other

8. Well Name and No.
TONY FEDERAL #6

2. Name of Operator
MARBOB ENERGY CORPORAT ON

9. API Well No.
30-015-30397

3. Address and Telephone No.
P.O. BOX 227, ARTESIA, NM 88210 505-748-3303

10. Field and Pool, or Exploratory Area
CEDAR LAKE YESO

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
230 FNL 1499 FWL, SEC. 19-T17S-R31E UNIT C

11. County or Parish. State
EDDY, NM

AUG 1999
RECEIVED
OCD - ARTESIA

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
Notice of Intent	X Abandonment	Change of Plans
	Recompletion	New Construction
X Subsequent Report	Plugging Back	Non-Routine Fracturing
	Casing Repair	Water Shut-Off
Final Abandonment Notice	Altering Casing	Conversion to Injection
	Other	Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operat ons (Clearly state all pertinet details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled. give subsurface locat ons and measured and true vertical depths for all markders and zones pertinent to this work.)*

8/11/99 PLUG AS FOLLOWS: STAGE 1 - CMT W/250 SX PREM PLUS, TAGGED @ 930'
STAGE 2 - CMT W/610 SX PREM PLUS, TAGGED @ 610'
STAGE 3 - CMT W/250 SX PREM PLUS, TAGGED @ 300'
CMT TO SURF

Not in Compl yet

Approved as to plugging of the well bore. Liability under bond is retained until surface restoration is completed.

14. I hereby certify that the foregoing is true and correct
Signed Robin Cockrum NEED COMP ANALYST Date 08/13/99

(This space for Federal or State office use)

Approved by (ORIG. SGD.) ALEXIS C. SWOBODA Title PETROLEUM ENGINEER Date AUG 19 1999
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

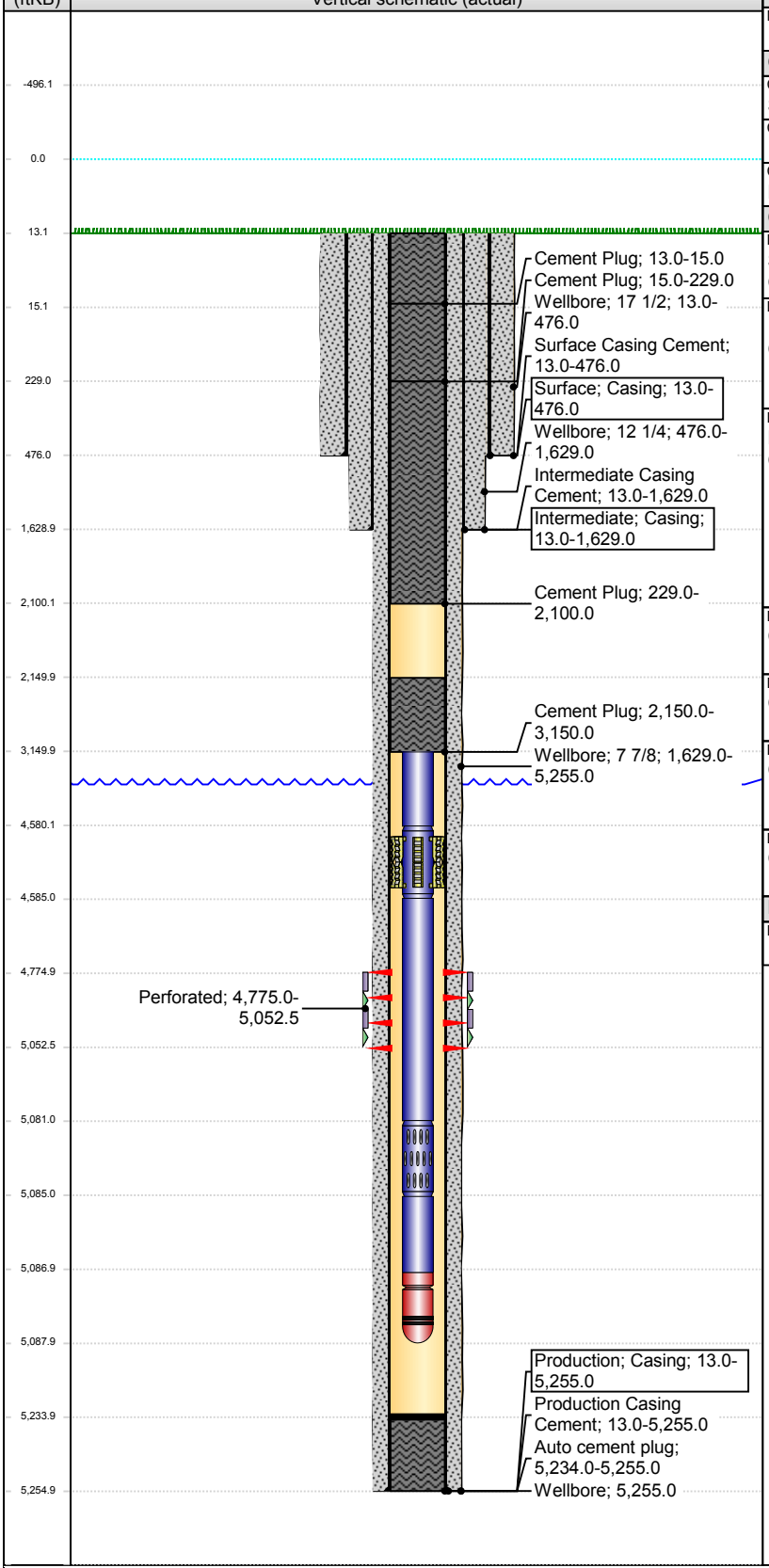
NM P&A Schematic

Well Name: SKELLY UNIT #934

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
3001531976								

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,750.00	3,763.00	13.00	4/3/2002			32° 49' 28.539" N	103° 52' 40.573" W	

Original Hole, 1/15/2015 7:36:48 AM



Original Hole Data

Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag
990.0	FNL	1,650.0	FWL

Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Surface	476.0	13 3/8	12.715	48.00	K-55	4/5/2002
Intermediate	1,629.0	8 5/8	8.097	24.00	K-55	4/7/2002
Production	5,255.0	5 1/2	4.892	17.00	J-55	4/17/2002

Cement Stages

Description	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
Surface Casing Cement	13.0	476.0	Returns to Surface	475 sx. Class C, 2% CC, circ 56 sx.
Intermediate Casing Cement	13.0	1,629.0	Returns to Surface	600 sx 35-65-6, 1/4# CF, 6# salt, tail in 200 sx. Class C, 2% CC, circ 63 sx.
Production Casing Cement	13.0	5,255.0	Returns to Surface	1st stage 650 sx 50-50-2, 0.5% FL-25, 5# salt. 2nd stage700 sx 50-50-2, 0.5% FL-25, 5# salt 3rd stage 250 sx. Class C, 2% CC
Cement Plug	2,150.0	3,150.0	Tag	mix 110 sks class C cmt w/ 2% CaCl3
Cement Plug	229.0	2,100.0	Tag	330 sks. class C cmt w/ 2% CaCl3, 500% excess
Cement Plug	15.0	229.0	Tag	5 bbls fw mix and pump 17 sks class C cmt w/ 2% CaCl3
Cement Plug	13.0	15.0	Tag	0.3 bbls cmt and topped off at 6" from surface

Formations

Formation	Final Top...	Final Btm...	Comment

Form 3160-5
(March 2012)

OCD Artesia

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2014

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE – *Other instructions on page 2.*

5. Lease Serial No.
NMNM98122

6. If Indian, Allottee or Tribe Name

7. If Unit of CA/Agreement, Name and/or No.

1. Type of Well
☑ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
Skelly Unit 934

2. Name of Operator
Chevron USA

9. API Well No.
30-15-31976

3a. Address
15 Smith Road
Midland TX 79705

3b. Phone No. *(include area code)*
432-687-7375

10. Field and Pool or Exploratory Area
Fren Paddock (26770) Fren: Glorieta-YESO

4. Location of Well *(Footage, Sec., T.,R.,M., or Survey Description)*
Unit C Sec 21, T 17S, R 31E, Mer NMP 990 FNL 1650 FWL

11. County or Parish, State
Eddy County, New Mexico

RECEIVED
JUL 03 2013
NMOCD ARTESIA

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☑ Subsequent Report	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☑ Plug and Abandon	☐ Temporarily Abandon	
☐ Final Abandonment Notice	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Chevron USA respectfully submits photos of the dry hole marker installed on the Skelly Unit 934. Final plug and abandonment procedures as below:
5/18/13
TBG press 1100#, csg. 350#.Bled off csg & tbg. Well flowing from fresh wtr injection rate, Friday flowed 40 bbls and slowed down. Released pkr, circ 10# brine POOH, LD pkr. RIH w/ open ended tbg, to 3150' tag fish.
5/22/13
Tbg press 1000# csg 980#. Bled off. Well flowing 1/4 bpm. circ well w/ brine. RU Halliburton & mix 25 sks class C cmt w/ 2% CaCl3. Pump and spot cmt from 3150' to 2897'. POOH and LD 10 jts. Reverse, circ well, cleaned up. SD, wait 4 hrs, @ 1 hr 15 min press on tbg 800#, open up. Bled off well, reverse circ well. No cmt. Pulled 4 jts. Wait 2 hrs 45 min, RIH to 3150'. Did not tag cmt, tagged at fish.
Called James Amos of BLM and discussed well. Recommended to spot cmt again. Mixed 110 sks class C cmt w/2% CaCl3 and spotted from 3150' to 2025'. POOH w/ tbg. SD, WOC cmt 4 hrs, no press. RIH and tag cmt at 2150'. Called BLM, said to POOH and spot cmt from 2150' to surface tomorrow. Ordered 330 sks class C cmt w 2% CaCl3, 500% excess. pull up to 2100' and pump down tbg. POOH.
5/23/13
SD WOC 4 hrs. Tag cmt @ 229'. Pump 5 bbls fw mix and pump 17 sks class C cmt w/ 2% CaCl3. Spot from 229' to 15'. Pump 0.3 bbls cmt and topped off at 6" from surface.
5/24/13
Cut well and install P&A markers per BLM guide lines.
See attached photos and well bore diagram.

RECLAMATION
DUE 11-20-13

Accepted as to plugging of the well bore.
Liability under bond is retained until
Surface restoration is completed.

14. I hereby certify that the foregoing is true and correct. Name *(Printed/Typed)*
April E. Pohl

Title Regulatory Specialist

Signature April E Pohl

Date June 17, 2013

7/3/13
Accepted for record
NMOCD

ACCEPTED FOR RECORD

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date JUN 29 2013

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

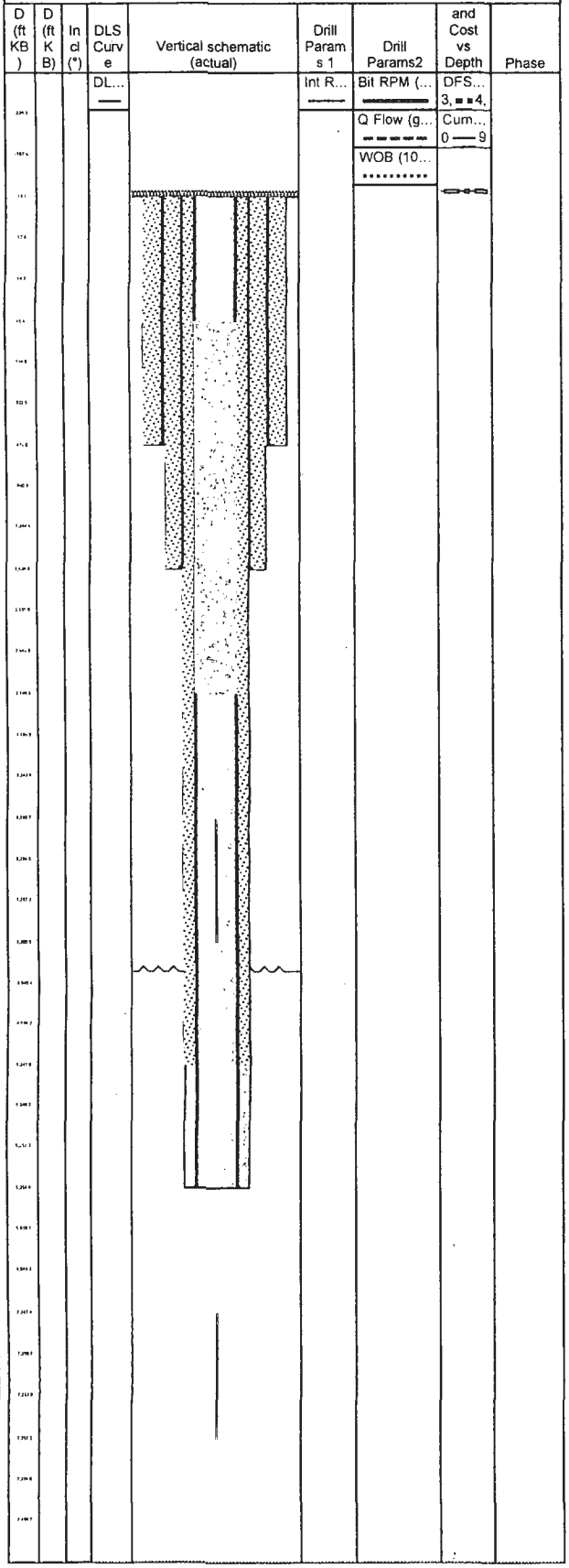
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

Wellbore Schematic

Well Name	Lease	Field Name	Business Unit
SKELLY UNIT 934	Skelly Unit	Fren	Mid-Continent



Job Details

Job Category	Start Date	Release Date
Well Services	12/14/2012	12/20/2012

Casing Strings

Csg Des	OD (in)	Wt/Len (lb/ft)	Grade	Top Thread	Set Depth (MD) (ftKB)
Surface	13 3/8	48.00	H-40		476
Intermediate Casing 1	8 5/8	24.00	K-55		1,629
Production Casing	5 1/2	17.00	J-55		5,255

Other Strings

Run Date	Pull Date	Set Depth (ftKB)	Com

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Pull Date	Com
Cement	15.5	3,150.0	5/23/2013		set cmt plug from 3150' top of fish to surface per blm guide lines 374 sks class c cmt w/ 2% ca cld in cmt operations will cut well and install p&a markers per blm guide lines
sand	3,248.0	3,290.7	7/30/2012	5/16/2013	
Bridge Plug (Retrievable) Peak	3,290.7	3,300.5	7/30/2012		
Bridge Plug (Retrievable) Peak	7,247.4	7,257.2	7/30/2012		

Report Printed: 6/17/2013

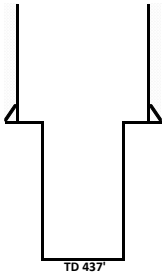
Well Name:	**Lee Federal #20**

	Location:
Location	330 FNL 2310 FEL, Unit B
Section:	20-T17S-R31E
Block:	
Survey:	
County:	Eddy
Lat/Long:	32.8263895114106,-103.890894909949
Field:	Cedar Lake
	Elevations:
GL:	3666'
DF.	3677'
KB-GL Calc:	3678'
ck w/log?	

Logging Requirements:

Date	
10/22/2001	Spud well @ 1:15 PM. DRLD 17 1/2" hole to 437'. TD well @ 12:15 AM on 10/23/2001
10/23/2001	Ream 26" hole to 80'. Run 2 jts 20" conductor pipe, cmt w/10 yds ready mix w/29' bgl + 10 yds ready mix w/ 25' BGL to surf.
10/24/2001	20 yds ready mix in cellar
10/25/2001	Rig down & skid rig 50' to the east

Current
Wellbore Diagram



20" Conductor Pipe set @ 80'

17 1/2" Open Hole Cemented through

Well Name:	**Lee Federal #20**
API No:	**30-015-32045**
Spud Date:	**10/22/2001**
WBD Update:	**12/9/2014 M. Reginato**

Hole Size:	26"
Surf Csg:	20" Conductor Pipe, 2 JTS
Cement Blend:	10 yds ready mix w/ 29' BGL + 10 yds ready mix w/ 25' BGL to surf + 20 yds ready mix in cellar
Depth:	80'
TOC:	Cmt to surface

Hole Size:	17 1/2"
Prod Csg:	NONE
Capacity (bbl/ft):	N/A
Cement Blend:	SAME AS SURFACE
Returns:	N/A
TOC:	N/A
Depth	437'

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Oil Cons.
N.M. DIV-Dist. 2
1301 W. Grand Avenue
Artesia, NM 88210

C/SF

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.
LC-029395B

6. If Indian, Allottee or Tribe Name

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT-" for such proposals

SUBMIT IN TRIPLICATE

7. If Unit or CA, Agreement Designation

1. Type of Well
[X] Oil Well [ ] Gas Well [ ] Other

8. Well Name and No.
LEE FEDERAL #20

2. Name of Operator
MARBOB ENERGY CORPORATION

9. API Well No.
30-015-32045

3. Address and Telephone No.
PO BOX 227, ARTESIA, NM 88210 505-748-3303

10. Field and Pool, or Exploratory Area
CEDAR LAKE YESO

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
330 FNL 2310 FEL, UNIT B

11. County or Parish, State
EDDY CO., NM

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
[ ] Notice of Intent	[X] Abandonment	[ ] Change of Plans
[ ] Subsequent Report	[ ] Recompletion	[ ] New Construction
[X] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[ ] Other	[ ] Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinet details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markders and zones pertinent to this work.)*

SPUD WELL @ 1:15 PM ON 10/22/01. DRLD 17 1/2" HOLE TO 437'. TD WELL @ 12:15 AM ON 10/23/01.

PLUG & ABANDON AS FOLLOWS:

10/23/01 - REAM 26" HOLE TO 80'. RUN 2 JTS 20" CONDUCTOR PIPE, CMT W/ 10 YDS READY MIX W/ 29' BGL PLUS 10 YDS READY MIX W/ 25' BGL TO SURF.
10/24/01 - 20 YDS READY MIX IN CELLAR.
10/25/01 - RIG DOWN & SKID RIG 50' TO THE EAST.

ACCEPTED FOR RECORD
OCT 30 2001
GARY GOURLEY
PETROLEUM ENGINEER

RECEIVED
OCD - ARTESIA

14. I hereby certify that the foregoing is true and correct
Signed Diana J. Cannon Title PRODUCTION ANALYST Date 10/25/01

(This space for Federal or State office use)
Approved by Gary Gourley Title _____ Date 10/30/01
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

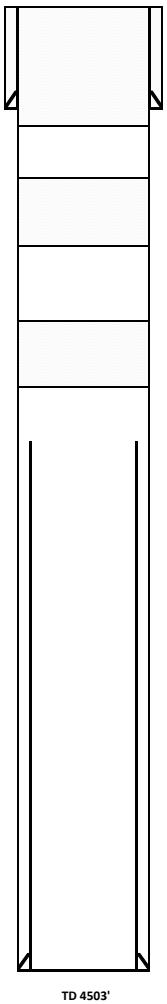
Well Name:	**Oxy Chocolate Moose Federal #1**

	Location:
Location	1600' FSL & 990' FWL
Section:	L-20-17S-31E
Block:	
Survey:	
County:	EDDY
Lat/Long:	32.8171950181991,-103.897261051573
Field:	Cedar Lake North
	Elevations:
GL:	3634'
DF.	
KB-GL Calc:	
ck w/log?	

Logging Requirements:

Date	
12/20/2001	Spud well @ 0900hrs. Drill 17-1/2" hole to TD @ 445'
12/11/2001	Pump sweep, circ. RIH w/13-3/8" 48# H40 csg, set @ 445'. M&P 300 sx 65/35 C/POZ w/ 6% bentonite + 2% CaCl2 + 5#/sx gilsonite followed by 200sx class C w/ 2% CaCl2. Circulate 100 sx to pit
1/1/2002	Drlll 12-1/4" hole to TD @ 4503'. Run 83 jts 9-5/8" 40# and 36# N-80 & K-55 csg
1/2/2002 - 1/8/2002	Casing stuck. Unable to pull out of hole.
1/9/2002	Cut casing @ 2900'. Latched on top @ 2640' and POOH and LD
1/10/2002	Spotted 150 sx class C containing 3% CaCl2 from 2530'-2690' (tagged). Spotted 110 sx class C from 1496'-1396' (tagged). Circulated 350 sx class C cmt to surface from 495'.
1/11/2002	Finished ND BOP; Cut off "A" section, welded cap on casing w/ 1" ball valve; Welded on "STUB" to ground level; jetted and cleaned pits; released rig @ 1030 hrs, 1/10/2002

Current
Wellbore Diagram



Well Name:	**Oxy Chocolate Moose Federal #1**
API No:	**30-015-32119**
Spud Date:	**12/20/2001**
WBD Update:	**12/9/14 M. Reginato**

Hole Size:	17-1/2"
Surf Csg:	13-3/8" 48# H40
Cement Blend:	500 sx (mix detail in description)
Depth:	445'
TOC:	Cmt to surf

Hole Size:	12-1/4"
Int Csg:	9-5/8" 40-36# N80-K55
	Casing Cut and Pulled @ 2900'
Cement Blend:	P&A Cement
Returns:	N/A
TOC:	surface

Form 3160-5
(November 1994)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Oil Cons.
N.M. DIV-Dist. 2
1301 W. Grand Avenue
Artesia, NM 88210

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: July 31, 1996

Lease Serial No.
LC029395B

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well
☐ Oil Well ☐ Gas Well ☐ Other **Lost Hole**

8. Well Name and No.
OXY Chocolate Moose Federal 1

2. Name of Operator
OXY USA WTP Limited Partnership

9. API Well No.
30-015-32119

3a. Address
P.O. Box 50250, Midland, TX 79710-0250

3b. Phone No. (*include area code*)
915-685-5717

10. Field and Pool, or Exploratory Area
Undsg. Cedar Lake Morrow, N.

4. Location of Well (*Footage, Sec., T., R., M., or Survey Description*)
1500 FSL 990 FWL NWSW(L) Sec 20 T17S R31E

11. County or Parish, State
Eddy NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☒ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Coommpleted Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

Approved as to plugging of the well bore.
Liability under bond is retained until surface restoration is completed.

See Other Side

Post PxA

14. I hereby certify that the foregoing is true and correct
Name (*Printed/Typed*)
David Stewart

Title
Sr. Regulatory Analyst

Signature

Date
2/14/02

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by **(ORIG. SGD.) ALEXIS C. SWOBODA**

Title **PETROLEUM ENGINEER**

Date **FEB 21 2002**

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

ATTACHMENT 3160-5 OXY CHOCOLATE MOOSE FEDERAL #1

01/08/2002 CMIC:MESSENGER
CIRCULATED AND CONDITIONED MUD FOR 15 HOURS. TIH WITH BIT AND TAGGED UP AT 2703'. CLEANING OUT CASING AT 2782' AT REPORT TIME.

01/09/2002 CMIC:MESSENGER
CLEANED OUT CASING TO 2900'. POOH WITH D.P. AND BIT. TIH WITH INTERNAL CASING CUTTER ON D.P. CUT CASING AT 2900'. POOH AND L.D. CUTTER. TIH WITH 11 3/4" O.S. WITH 9 5/8' SPIRAL GRAPPLE, B.S. JARS, 9- 8" DC'S, ACC. SUB ON D.P. LATCHED ON TO TOP OF FISH AT 2640'. JARRED TO 275,000# FOR 4 HOURS AND O.S. SLIPPED OFF. TOOH AND L.D. FISHING TOOLS. BREAKING OUT D.P. PREPARING TO P&A AT REPORT TIME.

01/10/2002 CMIC:MESSENGER
FINISHED BRAKING OUT D.P. AND L.D. 8" DC'S. TIH WITH O.E. D.P. TO 2690'. CIRCULATED FOR 1 1/2 HOUR WITH RIG PUMP. RU B.J. SPOTTED 150 SX CLASS C CONTAINING 3% CACL2 FROM 2690-2590'. POOH WITH D.P. TO 1725'. CIRCULATED FOR 3 HOURS WITH RIG PUMP. RBIH WITH D.P. AND TAGGED CEMENT PLUG AT 2530'. POOH TO 1496'. SPOTTED 110 SX CLASS C FROM 1496-1396'. POOH TO 495'. CIRCULATED CEMENT TO SURFACE WITH 350 SX CLASS C. POOH WITH D.P. ND BOP AT REPORT TIME TO CAP WELL. DUNCAN WHITLOCK WITH BLM WITNESSED PLUGGING OPERATIONS.

01/11/2002 CMIC:RICK MESSENGER
FINISHED ND BOP; CUT OFF "A" SECTION, WELDED CAP ON CASING WITH 1" BALL VALVE; WELDED ON "STUB" TO GROUND LEVEL; JETTED AND CLEANED PITS; RELEASED RIG @ 1030 HRS. , 01/10/02; WAITING ON LOCATION WORK TO SKID RIG;

NOTE: DRY HOLE MARKER WAS LEFT OFF TO FACILITATE RIG UP; MR. DUNCAN WHITLOCK WITH BLM , APPROVED; MARKER IS BUILT & WILL BE INSTALLED UPON MOVING RIG OFF LOCATION AFTER REDRILL;

RECEIVED
2002 FEB 15 AM 8:58
BUREAU OF LAND MGMT.
ROSWELL OFFICE

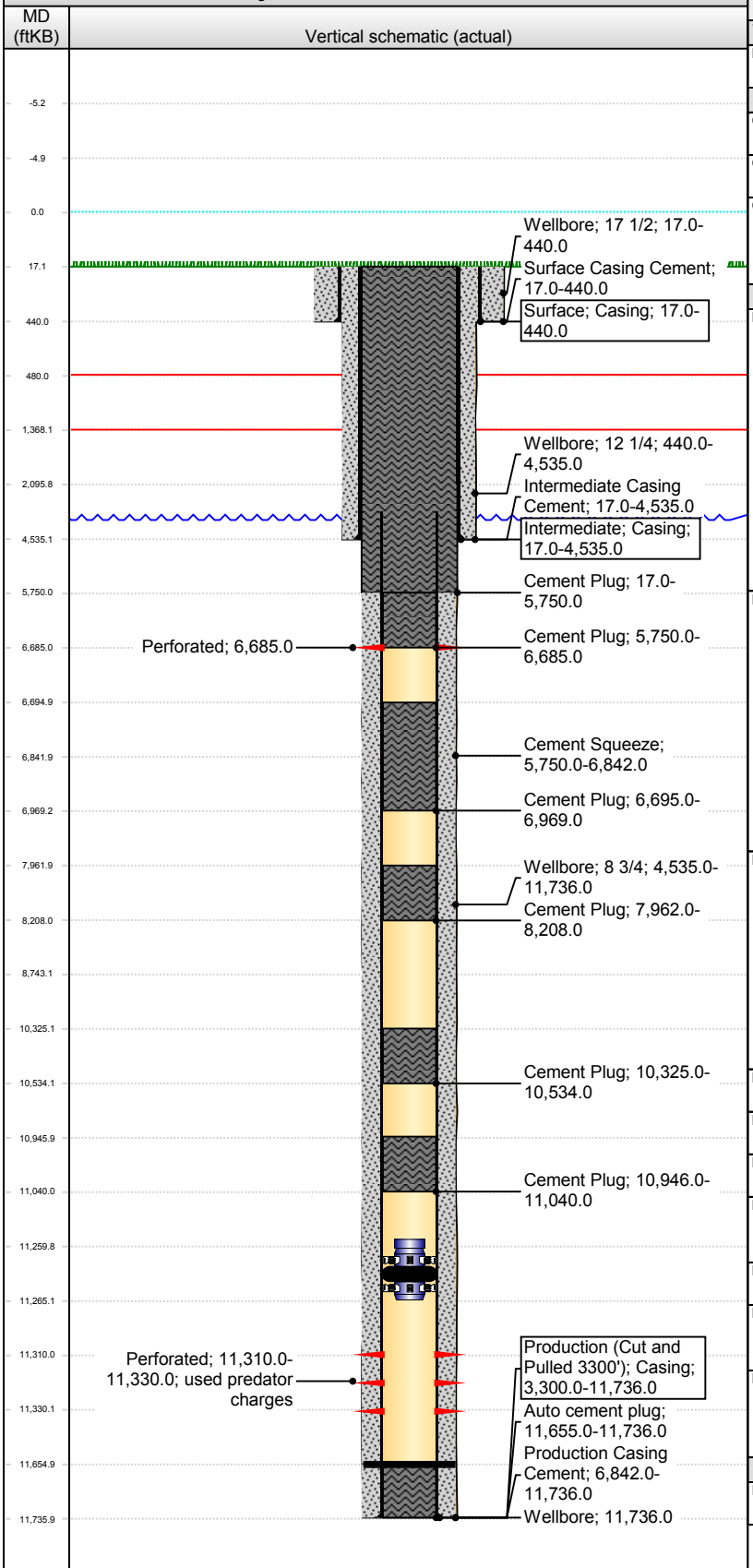
NM P&A Schematic

Well Name: OXY CHOCOLATE MOOSE FEDERAL #001Y

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
3001532263								

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,634.00	3,651.00	17.00	1/17/2002			32° 49' 1.407" N	103° 53' 50.138" W	

Original Hole, 1/15/2015 8:58:53 AM



Original Hole Data

Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag
1,550.0	FSL	977.0	FWL

Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Surface	440.0	13 3/8	12.715	48.00	H-40	1/17/2002
Intermediate	4,535.0	9 5/8	8.835	36.00	K-55	1/28/2002
Production (Cut and Pulled 3300')	11,736.0	5 1/2	4.892	17.00	L-80	3/1/2002

Cement Stages

Description	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
Surface Casing Cement	17.0	440.0	Returns to Surface	Lead w/ 200 sacks class "H" +10% A-10B, +1% CACL2, +0.25#/SK Celloflake, +10#/SK LCM -1. Then 300 sacks of BJ "LITE", 35:65, Class "C"/POZ, W/2% CaCL2, 5#/SK LCM-1, +6% Bentonite. Tailed by 200 sacks Class "C" w/2% CACL2 Circ to surace
Intermediate Casing Cement	17.0	4,535.0	Returns to Surface	Cemented w/ 500 gal FW W/GW27. + 200 sks thixatropic cement- class "H" w/10% A-10B, 1% CACL2, 1/4#/ SK celloflake &10#/SK LCM-1. + 1775 SKS. BJ "LITE", 35:65 Class "C"/POZ, w/2% CACL2, 5#/SK LCM-1.+ 200 SKS, class "C" w/2% CACL2.
Production Casing Cement	6,842.0	11,736.0	Cement Bond Log	M&P 950 sx 65/35/6-C/POZ/CSE w/ 0.7% FL-52 + 0.7% FL-52 + 0.3% CD-32 + 1% EA-61 + 8#/sx GILSONITE. + 100sx CL C w/ 0.7% FL-25, DISP w/ KCLW. TOC 6842' (log)
Cement Plug	10,946.0	11,040.0	Tag	Spot 20 sx Class H cmt
Cement Plug	10,325.0	10,534.0	Tag	Spot 30 sx. Class H cmt
Cement Plug	7,962.0	8,208.0	Tag	Spot 30 sx. class H cmt
Cement Plug	5,750.0	6,685.0	Tag	Spot 100 sx. cmt. thru perfs
Cement Plug	6,695.0	6,969.0	Tag	Spot 25 sx cmt
Cement Squeeze	5,750.0	6,842.0	Tag	Squeeze 100 sx cmt thru perfs
Cement Plug	17.0	5,750.0	Returns to Surface	1480 sx pumped down well Circ to surface

Formations

Formation	Final Top...	Final Btm...	Comment
Salt	480.0	1,368.0	

Form 3160-5
(February 2005)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

FORM APPROVED
OMB NO. 1004-0137
Expires March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

5. Lease Serial No.
LC029395B

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
OXY CHOCOLATE 1 Y
MOOSE FEDERAL

2. Name of Operator
OXY USA WTP LIMITED PARTNERSHIP

9. API Well No.
30-015-32263

3a. Address
P.O. Box 4294, Houston, TX 77210

3b. Phone No. *(include area code)*
713-366-5360

10. Field and Pool, or Exploratory Area
CEDAR LAKE MORROW N.

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
1550 FSL 977 FWL NWSW (L) SEC. 20 T 17 S R 31 E

11. County or Parish, State
EDDY NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☒ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

RECEIVED
MAR 18 2011
NMOCD ARTESIA

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

Accepted for record
NMOCD
3/21/2011

1-17-11 M.I.R.U. Move 2 7/8 - 2 7/8 stop up. Pump up to 1600 PSI. Held.
1-18-11 Bill Simmons called B.L.M. O.K. to spot 25 sx. @11,040'. Pump 25 sx. Class "H" cmt. P.O.O.H. 2 7/8". S.N.
1-19-11 R.I.H. 2 7/8". Tag 10,946'. Roll hole w/M.L.F. P.O.O.H. 10,534'. Spot 30 sx. Class H cmt. R.I.H. 2 7/8" to 10,325'& tag. P.O.O.H. 8,208'. Spot 30 sx. Class H cmt. P.O.O.H. 35 & stand. Shut well in.
1-20-11 R.I.H. 2 7/8" to 7,962' & tag. P.O.O.H. to 6,969'. Spot 25 sx. cmt. P.O.O.H. & wait to tag. RIH to 6,695 & tag. P.O.O.H. 2 7/8". R.I.H. Wireline to 6,685' & perf shot. R.I.H. 2 7/8" to 6,677'. Roll M.L.F. & spot 100 sx. cmt. P.O.O.H. standback.
1-21-11 R.I.H. to 5,750'. Tag & R.I.H. w/Wireline to 4,585'. R.I.H. to 4,370'. Roll M.L.F.
1-24-11 Circulate well. Change 5 1/2" B.O.P. to 9 5/8" B.O.P. S.N.
1-25-11 R.I.H. 2 7/8" & 9 5/8" pkr. Set & test backside. Oxy called Halliburton. They pumped 12 50 sx. cmt. under 9 5/8" pkr.
1-27-11 Wait 24 hours. Well 0 PSI. P.O.O.H. 9 5/8" pkr. Did pressure test csg. w/chart to 550 PSI for 30 minutes. Tested good. Bill Simmons sent test chart to B.L.M. R.I.H. 2 7/8" to 1,516'. Spot 50 sx. cmt. Take off B.O.P. R.I.H. 2 7/8" to 490'. Circulate to surface - 180 sx cmt. R.D.M.O.

14. I hereby certify that the foregoing is true and correct
Name *(Printed/Typed)* JEREME W. ROBINSON
Title REGULATORY ANALYST

Signature
Date 2-25-11

ACCEPTED FOR RECORD

RECLAMATION DUE 7-26-11

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by
Title
Date MAR 15 2011

Accepted as to plugging of the well bore.
Liability under bond is retained until
Surface restoration is completed.

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

APPENDIX B: POINT OF DIVERSION AND WATER DEPTH REPORTS

New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

No PODs found.

UTMNAD83 Radius Search (in meters):

Easting (X): 605124.2 **Northing (Y):** 3633317.62 **Radius:** 3220

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.

New Mexico Office of the State Engineer

Water Column/Average Depth to Water

No records found.

UTMNAD83 Radius Search (in meters):

Easting (X): 605124.2 **Northing (Y):** 3633317.62 **Radius:** 3220

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New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

(acre ft per annum)

(R=POD has been replaced and no longer serves this file, C=the file is closed)

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

WR File Nbr	Sub basin	Use	Diversion	Owner	County	POD Number	Code	Grant	Source	q 6416	q 4	q	Sec	Tws	Rng	X	Y	Distance
RA 11950		GEO	0	CENTRAL VALLEY ELECTRIC COOP	ED	RA 11950 POD2				4	1	3	28	17S	31E	604850	3630041	3168

Record Count: 1

UTMNAD83 Radius Search (in meters):

Easting (X): 604835.16 **Northing (Y):** 3633209.19 **Radius:** 3220

Sorted by: Distance

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.

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

No records found.

UTMNAD83 Radius Search (in meters):

Easting (X): 604835.16 **Northing (Y):** 3633209.19 **Radius:** 3220

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New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

(acre ft per annum)

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

WR File Nbr	Sub basin	Use	Diversion	Owner	County	POD Number	Code	Grant	Source	q 6416	q 4	q	Sec	Tws	Rng	X	Y	Distance
RA 11950		GEO	0	CENTRAL VALLEY ELECTRIC COOP	ED	RA 11950 POD2				4	1	3	28	17S	31E	604850	3630041	2772

Record Count: 1

UTMNAD83 Radius Search (in meters):

Easting (X): 604820.66 **Northing (Y):** 3632813.23 **Radius:** 3220

Sorted by: Distance

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.

New Mexico Office of the State Engineer

Water Column/Average Depth to Water

No records found.

UTMNAD83 Radius Search (in meters):

Easting (X): 604820.66 **Northing (Y):** 3632813.23 **Radius:** 3220

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New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

(acre ft per annum)

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

WR File Nbr	Sub basin	Use	Diversion	Owner	County	POD Number	Code	Grant	Source	q 6416	q 4	q	Sec	Tws	Rng	X	Y	Distance
RA 11950		GEO	0	CENTRAL VALLEY ELECTRIC COOP	ED	RA 11950 POD2				4	1	3	28	17S	31E	604850	3630041	3204

Record Count: 1

UTMNAD83 Radius Search (in meters):

Easting (X): 604382 **Northing (Y):** 3633211 **Radius:** 3220

Sorted by: Distance

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.

New Mexico Office of the State Engineer

Water Column/Average Depth to Water

No records found.

UTMNAD83 Radius Search (in meters):

Easting (X): 604382 **Northing (Y):** 3633211 **Radius:** 3220

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.

New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

(acre ft per annum)

(R=POD has been replaced and no longer serves this file, C=the file is closed)

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

WR File Nbr	Sub basin	Use	Diversion	Owner	County	POD Number	Code	Grant	Source	q 6416	q 4	q	Sec	Tws	Rng	X	Y	Distance
RA 11950		GEO	0	CENTRAL VALLEY ELECTRIC COOP	ED	RA 11950 POD2				4	1	3	28	17S	31E	604850	3630041	2801

Record Count: 1

UTMNAD83 Radius Search (in meters):

Easting (X): 604418.15 **Northing (Y):** 3632808.95 **Radius:** 3220

Sorted by: Distance

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.

New Mexico Office of the State Engineer

Water Column/Average Depth to Water

No records found.

UTMNAD83 Radius Search (in meters):

Easting (X): 604418.15 **Northing (Y):** 3632808.95 **Radius:** 3220

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New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

(acre ft per annum)

(R=POD has been replaced and no longer serves this file, C=the file is closed)

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

WR File Nbr	Sub basin	Use	Diversion	Owner	County	POD Number	Code	Grant	Source	q 6416	q 4	q	Sec	Tws	Rng	X	Y	Distance
RA 11950		GEO	0	CENTRAL VALLEY ELECTRIC COOP	ED	RA 11950 POD2				4	1	3	28	17S	31E	604850	3630041	2884

Record Count: 1

UTMNAD83 Radius Search (in meters):

Easting (X): 604016.6 **Northing (Y):** 3632802.51 **Radius:** 3220

Sorted by: Distance

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.

New Mexico Office of the State Engineer

Water Column/Average Depth to Water

No records found.

UTMNAD83 Radius Search (in meters):

Easting (X): 604016.6 **Northing (Y):** 3632802.51 **Radius:** 3220

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New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

(acre ft per annum)

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

WR File Nbr	Sub basin	Use	Diversion	Owner	County	POD Number	Code	Grant	Source	q 6416	q 4	q	Sec	Tws	Rng	X	Y	Distance
RA 11950		GEO	0	CENTRAL VALLEY ELECTRIC COOP	ED	RA 11950 POD2				4	1	3	28	17S	31E	604850	3630041	3195

Record Count: 1

UTMNAD83 Radius Search (in meters):

Easting (X): 603221.93 **Northing (Y):** 3632790.84 **Radius:** 3220

Sorted by: Distance

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.

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

No records found.

UTMNAD83 Radius Search (in meters):

Easting (X): 603221.93 **Northing (Y):** 3632790.84 **Radius:** 3220

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.

New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

No PODs found.

UTMNAD83 Radius Search (in meters):

Easting (X): 603221.46 **Northing (Y):** 3633193.32 **Radius:** 3220

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.

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

No records found.

UTMNAD83 Radius Search (in meters):

Easting (X): 603221.46 **Northing (Y):** 3633193.32 **Radius:** 3220

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.

New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

No PODs found.

UTMNAD83 Radius Search (in meters):

Easting (X): 603816.76 **Northing (Y):** 3633201.78 **Radius:** 3220

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.

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

No records found.

UTMNAD83 Radius Search (in meters):

Easting (X): 603816.76 **Northing (Y):** 3633201.78 **Radius:** 3220

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New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

No PODs found.

UTMNAD83 Radius Search (in meters):

Easting (X): 602416.51 **Northing (Y):** 3633183.82 **Radius:** 3220

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.

New Mexico Office of the State Engineer

Water Column/Average Depth to Water

No records found.

UTMNAD83 Radius Search (in meters):

Easting (X): 602416.51 **Northing (Y):** 3633183.82 **Radius:** 3220

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.

New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

No PODs found.

UTMNAD83 Radius Search (in meters):

Easting (X): 602012.18 **Northing (Y):** 3633179.65 **Radius:** 3220

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.

New Mexico Office of the State Engineer

Water Column/Average Depth to Water

No records found.

UTMNAD83 Radius Search (in meters):

Easting (X): 602012.18 **Northing (Y):** 3633179.65 **Radius:** 3220

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.

New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

(acre ft per annum) (R=POD has been replaced and no longer serves this file, C=the file is closed) (quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) (NAD83 UTM in meters)

WR File Nbr	Sub basin	Use	Diversion	Owner	County	POD Number	Code	Grant	Source	q q q 6416 4	Sec	Tws	Rng	X	Y	Distance
RA 11950		GEO	0	CENTRAL VALLEY ELECTRIC COOP	ED	RA 11950 POD2				4 1 3	28	17S	31E	604850	3630041	1900
RA 11590			0	NEW MEXICO STATE LAND OFFICE	ED	RA 11590 POD3				3 1 2	32	17S	31E	603931	3629260	2444
					ED	RA 11590 POD4				4 1 1	32	17S	31E	603307	3629253	2529
					ED	RA 11590 POD2				1 1 4	32	17S	31E	603916	3628576	3128
					ED	RA 11590 POD1				2 1 3	32	17S	31E	603314	3628545	3219

Record Count: 5

UTMNAD83 Radius Search (in meters):

Easting (X): 603931.71 **Northing (Y):** 3631705 **Radius:** 3220

Sorted by: Distance

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.

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 Number	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
RA 11590 POD3		ED	3	1	2	32	17S	31E	603932	3629260	2444	60		
RA 11590 POD4		ED	4	1	1	32	17S	31E	603308	3629253	2529	55		
RA 11590 POD1		ED	2	1	3	32	17S	31E	603315	3628545	3219	158		

Average Depth to Water: --

Minimum Depth: --

Maximum Depth: --

Record Count: 3

UTMNAD83 Radius Search (in meters):

Easting (X): 603931.71 **Northing (Y):** 3631705 **Radius:** 3220

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New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

(acre ft per annum)

(R=POD has been replaced and no longer serves this file, C=the file is closed)

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

WR File Nbr	Sub basin	Use	Diversion	Owner	County	POD Number	Code	Grant	Source	q 6416	q 4	Sec	Tws	Rng	X	Y	Distance
RA 11950		GEO	0	CENTRAL VALLEY ELECTRIC COOP	ED	RA 11950 POD2				4 1	3	28	17S	31E	604850	3630041	1748
RA 11590			0	NEW MEXICO STATE LAND OFFICE	ED	RA 11590 POD3				3 1	2	32	17S	31E	603931	3629260	2484
					ED	RA 11590 POD4				4 1	1	32	17S	31E	603307	3629253	2663
					ED	RA 11590 POD2				1 1	4	32	17S	31E	603916	3628576	3162

Record Count: 4

UTMNAD83 Radius Search (in meters):

Easting (X): 604334.23 **Northing (Y):** 3631711.49 **Radius:** 3220

Sorted by: Distance

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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 Number	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
RA 11590 POD3		ED	3	1	2	32	17S	31E	603932	3629260	2484	60		
RA 11590 POD4		ED	4	1	1	32	17S	31E	603308	3629253	2663	55		

Average Depth to Water: --

Minimum Depth: --

Maximum Depth: --

Record Count: 2

UTMNAD83 Radius Search (in meters):

Easting (X): 604334.23 **Northing (Y):** 3631711.49 **Radius:** 3220

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New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

(acre ft per annum) (R=POD has been replaced and no longer serves this file, C=the file is closed) (quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) (NAD83 UTM in meters)

WR File Nbr	Sub basin	Use	Diversion	Owner	County	POD Number	Code	Grant	Source	q 6416	q 4	q	Sec	Tws	Rng	X	Y	Distance
RA 11950		GEO	0	CENTRAL VALLEY ELECTRIC COOP	ED	RA 11950 POD2				4	1	3	28	17S	31E	604850	3630041	2403
RA 11590			0	NEW MEXICO STATE LAND OFFICE	ED	RA 11590 POD3				3	1	2	32	17S	31E	603931	3629260	3184

Record Count: 2

UTMNAD83 Radius Search (in meters):

Easting (X): 604423.34 **Northing (Y):** 3632406.52 **Radius:** 3220

Sorted by: Distance

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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 Number	POD Sub-basin Code	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
RA 11590 POD3		ED	3	1	2	32	17S	31E	603932	3629260	3184	60		

Average Depth to Water: --

Minimum Depth: --

Maximum Depth: --

Record Count: 1

UTMNAD83 Radius Search (in meters):

Easting (X): 604423.34 **Northing (Y):** 3632406.52 **Radius:** 3220

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New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

(acre ft per annum) (R=POD has been replaced and no longer serves this file, C=the file is closed) (quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) (NAD83 UTM in meters)

WR File Nbr	Sub basin	Use	Diversion	Owner	County	POD Number	Code	Grant	Source	q 6416	q 4	Sec	Tws	Rng	X	Y	Distance
RA 11950		GEO	0	CENTRAL VALLEY ELECTRIC COOP	ED	RA 11950 POD2				4 1	3	28	17S	31E	604850	3630041	2007
RA 11590			0	NEW MEXICO STATE LAND OFFICE	ED	RA 11590 POD3				3 1	2	32	17S	31E	603931	3629260	2788
					ED	RA 11590 POD4				4 1	1	32	17S	31E	603307	3629253	2970

Record Count: 3

UTMNAD83 Radius Search (in meters):

Easting (X): 604430.39 **Northing (Y):** 3632004.11 **Radius:** 3220

Sorted by: Distance

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

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(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 Number	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
RA 11590 POD3	ED		3	1	2	32	17S	31E	603932	3629260	2788	60		
RA 11590 POD4	ED		4	1	1	32	17S	31E	603308	3629253	2970	55		

Average Depth to Water: --

Minimum Depth: --

Maximum Depth: --

Record Count: 2

UTMNAD83 Radius Search (in meters):

Easting (X): 604430.39 **Northing (Y):** 3632004.11 **Radius:** 3220

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New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

(acre ft per annum) (R=POD has been replaced and no longer serves this file, C=the file is closed) (quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) (NAD83 UTM in meters)

WR File Nbr	Sub basin	Use	Diversion	Owner	County	POD Number	Code	Grant	Source	q 6416	q 4	Sec	Tws	Rng	X	Y	Distance
RA 11950		GEO	0	CENTRAL VALLEY ELECTRIC COOP	ED	RA 11950 POD2				4 1	3	28	17S	31E	604850	3630041	2123
RA 11590			0	NEW MEXICO STATE LAND OFFICE	ED	RA 11590 POD3				3 1	2	32	17S	31E	603931	3629260	2740
					ED	RA 11590 POD4				4 1	1	32	17S	31E	603307	3629253	2837

Record Count: 3

UTMNAD83 Radius Search (in meters):

Easting (X): 604027.86 **Northing (Y):** 3631998.76 **Radius:** 3220

Sorted by: Distance

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

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(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 Number	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
RA 11590 POD3		ED	3	1	2	32	17S	31E	603932	3629260	2740	60		
RA 11590 POD4		ED	4	1	1	32	17S	31E	603308	3629253	2837	55		

Average Depth to Water: --

Minimum Depth: --

Maximum Depth: --

Record Count: 2

UTMNAD83 Radius Search (in meters):

Easting (X): 604027.86 **Northing (Y):** 3631998.76 **Radius:** 3220

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New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

(acre ft per annum)

(R=POD has been replaced and no longer serves this file, C=the file is closed)

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

WR File Nbr	Sub basin	Use	Diversion	Owner	County	POD Number	Code	Grant	Source	q 6416	q 4	Sec	Tws	Rng	X	Y	Distance
RA 11950		GEO	0	CENTRAL VALLEY ELECTRIC COOP	ED	RA 11950 POD2				4 1	3	28	17S	31E	604850	3630041	1678
RA 11590			0	NEW MEXICO STATE LAND OFFICE	ED	RA 11590 POD3				3 1	2	32	17S	31E	603931	3629260	2584
					ED	RA 11590 POD4				4 1	1	32	17S	31E	603307	3629253	2846

Record Count: 3

UTMNAD83 Radius Search (in meters):

Easting (X): 604736.77 **Northing (Y):** 3631715.77 **Radius:** 3220

Sorted by: Distance

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

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(quarters are smallest to largest) (NAD83 UTM in meters) (In feet)

POD Number	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
RA 11590 POD3	ED		3	1	2	32	17S	31E	603932	3629260	2584	60		
RA 11590 POD4	ED		4	1	1	32	17S	31E	603308	3629253	2846	55		

Average Depth to Water: --

Minimum Depth: --

Maximum Depth: --

Record Count: 2

UTMNAD83 Radius Search (in meters):

Easting (X): 604736.77 **Northing (Y):** 3631715.77 **Radius:** 3220

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New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

(acre ft per annum)

(R=POD has been replaced and no longer serves this file, C=the file is closed)

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

WR File Nbr	Sub basin	Use	Diversion	Owner	County	POD Number	Code Grant	Source	q 6416	q 4	Sec	Tws	Rng	X	Y	Distance
RA 11950		GEO	0	CENTRAL VALLEY ELECTRIC COOP	ED	RA 11950 POD2			4 1	3	28	17S	31E	604850	3630041	2570

Record Count: 1

UTMNAD83 Radius Search (in meters):

Easting (X): 604821.84 **Northing (Y):** 3632611.43 **Radius:** 3220

Sorted by: Distance

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New Mexico Office of the State Engineer

Water Column/Average Depth to Water

No records found.

UTMNAD83 Radius Search (in meters):

Easting (X): 604821.84 **Northing (Y):** 3632611.43 **Radius:** 3220

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New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

(acre ft per annum)

(R=POD has been replaced and no longer serves this file, C=the file is closed)

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

WR File Nbr	Sub basin	Use	Diversion	Owner	County	POD Number	Code	Grant	Source	q 6416	q 4	q	Sec	Tws	Rng	X	Y	Distance
RA 11950		GEO	0	CENTRAL VALLEY ELECTRIC COOP	ED	RA 11950 POD2				4	1	3	28	17S	31E	604850	3630041	2101
RA 11590			0	NEW MEXICO STATE LAND OFFICE	ED	RA 11590 POD3				3	1	2	32	17S	31E	603931	3629260	2997

Record Count: 2

UTMNAD83 Radius Search (in meters):

Easting (X): 604761.31 **Northing (Y):** 3632140.69 **Radius:** 3220

Sorted by: Distance

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

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(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 Number	POD Sub-basin Code	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
RA 11590 POD3		ED	3	1	2	32	17S	31E	603932	3629260	2997	60		

Average Depth to Water: --

Minimum Depth: --

Maximum Depth: --

Record Count: 1

UTMNAD83 Radius Search (in meters):

Easting (X): 604761.31 **Northing (Y):** 3632140.69 **Radius:** 3220

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New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

(acre ft per annum) (R=POD has been replaced and no longer serves this file, C=the file is closed) (quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) (NAD83 UTM in meters)

WR File Nbr	Sub basin	Use	Diversion	Owner	County	POD Number	Code	Grant	Source	q 6416	q 4	q	Sec	Tws	Rng	X	Y	Distance
RA 11590			0	NEW MEXICO STATE LAND OFFICE	ED	RA 11590 POD4				4	1	1	32	17S	31E	603307	3629253	2937
RA 11950		GEO	0	ALAN HOPPER	ED	RA 11950 POD2				4	1	3	28	17S	31E	604850	3630041	2977
RA 11590			0	NEW MEXICO STATE LAND OFFICE	ED	RA 11590 POD3				3	1	2	32	17S	31E	603931	3629260	3114

Record Count: 3

UTMNAD83 Radius Search (in meters):

Easting (X): 602733.52 **Northing (Y):** 3632134.92 **Radius:** 3220

Sorted by: Distance

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

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

POD Number	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
RA 11590 POD4	ED		4	1	1	32	17S	31E	603308	3629253	2937	55		
RA 11590 POD3	ED		3	1	2	32	17S	31E	603932	3629260	3114	60		

Average Depth to Water: --

Minimum Depth: --

Maximum Depth: --

Record Count: 2

UTMNAD83 Radius Search (in meters):

Easting (X): 602733.52 **Northing (Y):** 3632134.92 **Radius:** 3220

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.

v* see newspaper

C-108 Review Checklist: Received _____ Add. Request: — Reply Date: _____ Suspended: _____ [Ver 15]

Craw info &
→ -946 [Tuner "A" & "B" Waterfloods]

ORDER TYPE: (WFX) PMX / SWD Number: Two orders Order Date: _____ Legacy Permits/Orders: R-4717-A, R-3185

L-947 [Skelly Unit (Fren-Seven Rivers) WF Project]

Well No. 1 Well Name(s): State A

API : 30-0 15-01568 Spud Date: 10-31-1936 New or Old: OH (*UIC Class II Primacy 03/07/1982*)

Footages 1980 FSL 1980 FWL Lot — or Unit K Sec 16 Tsp 17S Rge 31E County Eddy

General Location: ~5 miles SW / maljamar Pool: ~~Peddock, Grayburg~~ Grayburg-Jackson; SR-QN-GB-SA ~~SA~~ Pool No.: 28509 6130028554

BLM 100K Map: Hobbs Operator: Linn Operating, Inc. OGRID: 269324 Contact: Laura Moreno

COMPLIANCE RULE 5.9: Total Wells: 1122 Inactive: 5 Fincl Assur: Yes Compl. Order? No IS 5.9 OK? Yes Date: 9/04/2015

Yes - but in good standing ACOI-262

WELL FILE REVIEWED ✓ Current Status: Producer

WELL DIAGRAMS: NEW: Proposed ○ or **RE-ENTER:** Before Conv. ① After Conv. ② Logs in Imaging: ~~NO~~ Y

Planned Rehab Work to Well: _____

Well Construction Details	Sizes (in) Borehole / Pipe	Setting Depths (ft)	Stage Tool	Cement Sx or Cf	Cement Top and Determination Method
Planned __or Existing __ Surface	10 / 8 5/8	598		25	479 / CALC
Planned __or Existing __ Interm/Prod					
Planned __or Existing __ Interm/Prod					
Planned __or Existing __ Prod/Liner	8 / 7			30	3172 / CBL
Planned __or Existing __ Liner					
Planned __or Existing __ OH / PERF	1991 (P) 2570	2570 3644 (OH)	Inj Length 1653		

Injection Lithostratigraphic Units:	Depths (ft)	Injection or Confining Units	Tops
Adjacent Unit: Litho. Struc. Por.			
Confining Unit: Litho. Struc. Por.	1905	Anhydrite	1905
Proposed Inj Interval TOP:	1941		
Proposed Inj Interval BOTTOM:	3644	Lime	3644
Confining Unit: Litho. Struc. Por.			
Adjacent Unit: Litho. Struc. Por.			

Completion/Operation Details:

Drilled TD 3644 PBTD _____

NEW TD _____ NEW PBTD _____

NEW Open Hole ✓ or NEW Perfs ②

Tubing Size 2 7/8 in. Inter Coated? Y

Proposed Packer Depth 1941 ft

Min. Packer Depth 1891 (100-ft limit)

Proposed Max. Surface Press. 1400 psi *

Admin. Inj. Press. 381 (0.2 psi per ft)

AOR: Hydrologic and Geologic Information

POTASH: R-111-P NA Noticed? NA BLM Sec Ord ○ WIPP ○ Noticed? NA Salt/Salado T: ~~575~~ B: ~~972~~ NM10 **NW:** Cliff House fm NA

FRESH WATER: Aquifer Roswell Artesian Max Depth 300' **HYDRO AFFIRM STATEMENT** By Qualified Person ✓

NMOSE Basin: Roswell **CAPITAN REEF:** thru ○ adj ○ NA ✓ **No. Wells within 1-Mile Radius?** _____ FW Analysis ○

Disposal Fluid: Formation Source(s) Pool Analysis? _____ On Lease ○ Operator Only ○ or Commercial ○

Disposal Int: Inject Rate (Avg/Max BWPD): 50/150 Protectable Waters? NA Source: _____ System: Closed ✓ or Open ○

HC Potential: Producing Interval? ✓ Formerly Producing? _____ Method: Logs/DST/P&A/Other _____ 2-Mile Radius Pool Map ○

AOR Wells: 1/2-M Radius Map? Y Well List? Y Total No. Wells Penetrating Interval: 434 Horizontals? ~~Y~~ 015-20442

Penetrating Wells: No. Active Wells ~~28~~ 40 ~~4~~ 35 Num Repairs? 0 on which well(s)? _____ Diagrams? Y

8 UP & 89 TA-I

Penetrating Wells: No. P&A Wells _____ Num Repairs? 0 on which well(s)? _____ Diagrams? Y

NOTICE: Newspaper Date 3-10 Mineral Owner BLM Surface Owner ~~BLM~~ NMSLO N. Date 3-12

RULE 26.7(A): Identified Tracts? _____ Affected Persons: COG, Chevron, Fair Oil, Apache N. Date _____

Order Conditions: Issues: Squeeze 542 - ~~Surface~~ top of Salt

Add Order Cond: Squeeze cement to top salt

C-108 Review Checklist: Area Order

Supplemental Checklist for Multiple Well Application

ORDER TYPE: WFX / PMX Number: _____ **SUPPLEMENTAL PAGE** 3 of 11

Relevant Hearing Order(s): _____

MULTIPLE WELL APPLICATION: 14 of 20 **Well No.** 3 **Well Name(s):** Superior Fost-etc

API : 30-0 15-05165 Spud Date: 7-4-1950 New or Old: O (*UIC Class II Primacy 03/07/1982*)

Footages 1650 FSL 455 FEL Lot ___ or Unit I Sec 17 Tsp 17S Rge 31E County Eddy

WELL FILE REVIEWED ◯ Current Status: Active

WELL DIAGRAMS: NEW: Proposed ◯ or RE-ENTER: Before Conv. ◯ After Conv. ◯ Logs in Imaging: N/A

Planned Rehab Work to Well: _____

Well Construction Details	Sizes (in) Borehole / Pipe	Setting Depths (ft)	Stage Tool	Cement Sx or Cf	Cement Top and Determination Method
Planned __or Existing __Surface	12/8 5/8	520		50	Surf Circ
Planned __or Existing __ Interm/Prod					
Planned __or Existing __Interm/Prod					
Planned __or Existing __ Prod/Liner	7 7/8/7	2075			657
Planned __or Existing __ Liner					
Planned __or Existing __ OH / PERF	1846 - 1947 (P)	1947 - 2075 (B)	Inj Length 229	*Hydrologic Information and AOR Well Summary on Coversheet*	

Completion/Operation Details: Drilled TD 2075 PBTD _____ NEW TD _____ NEW PBTD _____

NEW Open Hole (1) or NEW Perfs (2) Tubing Size 2 3/8 in. Coated? Y Prop. Packer Depth 1746 ft Min. Depth _____ (100-ft limit)

Proposed Max. Surface Press. 1400 (776) psi **Admin. Inj. Press.** 369 **(0.2 psi per ft) ANY AREA IPI APPROVAL:** _____

Specific Requirement(s) for Well: TIC 7" CASING TO 5 1/2" / CBL

MULTIPLE WELL APPLICATION: 3 of 20 **Well No.** 3 **Well Name(s):** Turner B

API : 30-0 15-05190 Spud Date: 1951 (Schlumberger) New or Old: OH (*UIC Class II Primacy 03/07/1982*)

Footages 330 FSL 330 FEL Lot ___ or Unit P Sec 17 Tsp 17S Rge 31E County Eddy

WELL FILE REVIEWED ◯ Current Status: P&A

WELL DIAGRAMS: NEW: Proposed ◯ or RE-ENTER: Before Conv. ◯ After Conv. ◯ Logs in Imaging: _____

Planned Rehab Work to Well: _____

Well Construction Details	Sizes (in) Borehole / Pipe	Setting Depths (ft)	Stage Tool	Cement Sx or Cf	Cement Top and Determination Method
Planned __or Existing __Surface	12/8 5/8	575		50	360 / CALC
Planned __or Existing __ Interm/Prod					
Planned __or Existing __Interm/Prod					
Planned __or Existing __ Prod/Liner	8 3/4/7	2024		100	2024 / CALC
Planned __or Existing __ Liner					
Planned __or Existing __ OH / PERF	(1) 1858/2004	2024 2067 dtd	Inj Length 209	*Hydrologic Information and AOR Well Summary on Coversheet*	

Completion/Operation Details: Drilled TD 2067 PBTD _____ NEW TD _____ NEW PBTD _____

NEW Open Hole (1) or NEW Perfs (2) Tubing Size 2 3/8 in. Coated? Y Prop. Packer Depth 1808 ft Min. Depth _____ (100-ft limit)

Proposed Max. Surface Press. 1400 psi **Admin. Inj. Press.** 370 (375) **(0.2 psi per ft) ANY AREA IPI APPROVAL:** IPI 348, IPI 349, IPI 350, IPI 246

Specific Requirement(s) for Well: _____

(.78) gradient

C-108 Review Checklist: Area Order

Supplemental Checklist for Multiple Well Application

ORDER TYPE: WFX / PMX Number: _____ **SUPPLEMENTAL PAGE** 4 of 11

Relevant Hearing Order(s): _____

MULTIPLE WELL APPLICATION: 6 of 20 **Well No.** 32 **Well Name(s):** Turner B

API : 30-0 15-05191 Spud Date: 9-26-1951 New or Old: ____ (*UIC Class II Primacy 03/07/1982*)

Footages 330 FSL, 1650 FEL Lot ____ or Unit O Sec 17 Tsp 17S Rge 31E County Eddy

WELL FILE REVIEWED ✓ Current Status: P&A

WELL DIAGRAMS: NEW: Proposed ◯ or RE-ENTER: Before Conv. ◯ After Conv. ◯ Logs in Imaging: N

Planned Rehab Work to Well: _____

Well Construction Details	Sizes (in) Borehole / Pipe	Setting Depths (ft)	Stage Tool	Cement Sx or Cf	Cement Top and Determination Method
Planned __or Existing __ Surface	12/9 5/8	550		50	404/CALC
Planned __or Existing __ Interm/Prod					
Planned __or Existing __ Interm/Prod					
Planned __or Existing __ Prod/Liner	8 3/4/7	1976		100	680/CALC
Planned __or Existing __ Liner					
Planned __or Existing __ OH / PERF	1900 1988 (P)	1985 2026 (O)	In Length 221	*Hydrologic Information and AOR Well Summary on Coversheet*	

Completion/Operation Details: Drilled TD 2021 PBTD _____ NEW TD _____ NEW PBTD _____

NEW Open Hole ✓ or NEW Perfs ✓ Tubing Size 2 3/8 in. Coated? Y Prop. Packer Depth 1750 ft Min. Depth 1700 (100-ft limit)

Proposed Max. Surface Press. 1400 psi **Admin. Inj. Press.** 360 (.78) **(0.2 psi per ft)** **ANY AREA IPI APPROVAL:** _____

Specific Requirement(s) for Well: _____

MULTIPLE WELL APPLICATION: 7 of 20 **Well No.** 37 **Well Name(s):** Turner B

API : 30-0 15-05193 Spud Date: _____ New or Old: ____ (*UIC Class II Primacy 03/07/1982*)

Footages 330 FSL 990 FWL Lot ____ or Unit M Sec 17 Tsp 17S Rge 31E County Eddy

WELL FILE REVIEWED ◯ Current Status: P&A

WELL DIAGRAMS: NEW: Proposed ◯ or RE-ENTER: Before Conv. ◯ After Conv. ◯ Logs in Imaging: NA

Planned Rehab Work to Well: _____

Well Construction Details	Sizes (in) Borehole / Pipe	Setting Depths (ft)	Stage Tool	Cement Sx or Cf	Cement Top and Determination Method
Planned __or Existing __ Surface	12/9 5/8	533		50	154/CALC
Planned __or Existing __ Interm/Prod					
Planned __or Existing __ Interm/Prod					
Planned __or Existing __ Prod/Liner	8 3/4/7	1902		100	606/CALC
Planned __or Existing __ Liner					
Planned __or Existing __ OH / PERF	1759 1902 (CP)	1902 1969 (O)	In Length 210	*Hydrologic Information and AOR Well Summary on Coversheet*	

Completion/Operation Details: Drilled TD 1902 PBTD _____ NEW TD _____ NEW PBTD _____

NEW Open Hole ✓ or NEW Perfs ✓ Tubing Size 2 3/8 in. Coated? Y Prop. Packer Depth 1704 ft Min. Depth 1655 (100-ft limit)

Proposed Max. Surface Press. 1400 psi **Admin. Inj. Press.** 352 (.80) **(0.2 psi per ft)** **ANY AREA IPI APPROVAL:** _____

Specific Requirement(s) for Well: _____

C-108 Review Checklist: Area Order

Supplemental Checklist for Multiple Well Application

ORDER TYPE: WFX / PMX Number: _____ **SUPPLEMENTAL PAGE** 8 of 11

Relevant Hearing Order(s): _____

MULTIPLE WELL APPLICATION: 14 of 20 **Well No.** 33 **Well Name(s):** Turner B

API : 30-0 15-05305 Spud Date: 10-05-1951 New or Old: O (*UIC Class II Primacy 03/07/1982*)

Footages 990 FNL 330 FEL Lot ___ or Unit A Sec 17 Tsp 17S Rge 31E County Eddy

WELL FILE REVIEWED ✓ Current Status: P&A

WELL DIAGRAMS: NEW: Proposed ○ or RE-ENTER: Before Conv. ✓ After Conv. ✓ Logs in Imaging: N/A

Planned Rehab Work to Well: Drill Plug, And cement plug

Well Construction Details	Sizes (in) Borehole / Pipe	Setting Depths (ft)	Stage Tool	Cement Sx or Cf	Cement Top and Determination Method
Planned __or Existing __ Surface	12/9 5/8	565		50	470/CALC
Planned__or Existing __ Interm/Prod					
Planned__or Existing __ Interm/Prod					
Planned__or Existing __ Prod/Liner	8 3/4/7	1944		100	1540
Planned__or Existing __ Liner					
Planned__or Existing __ OH / PERF	1830-1944 (CP)	1944-2039(TD)	Inj Length 209	Hydrologic Information and AOR Well Summary on Coversheet	

Completion/Operation Details: Drilled TD 2039 PBTD _____ NEW TD _____ NEW PBTD _____

NEW Open Hole ✓ or NEW Perfs ✓ Tubing Size 2 3/8 in. Coated? Y Prop. Packer Depth 1784 Min. Depth 1730 (100-ft limit)

Proposed Max. Surface Press. 1400 psi **Admin. Inj. Press.** 366 (0.2 psi per ft) 627 **ANY AREA IPI APPROVAL:** _____

Specific Requirement(s) for Well: _____

MULTIPLE WELL APPLICATION: 15 of 20 **Well No.** 34 **Well Name(s):** Turner B

API : 30-0 15-05306 Spud Date: 11-06-1951 New or Old: ___ (*UIC Class II Primacy 03/07/1982*)

Footages 2310 FNL 330 FEL Lot ___ or Unit H Sec 20 Tsp 17S Rge 31E County Eddy

WELL FILE REVIEWED ○ Current Status: _____

WELL DIAGRAMS: NEW: Proposed ○ or RE-ENTER: Before Conv. ○ After Conv. ○ Logs in Imaging: _____

Planned Rehab Work to Well: Drill out plug

Well Construction Details	Sizes (in) Borehole / Pipe	Setting Depths (ft)	Stage Tool	Cement Sx or Cf	Cement Top and Determination Method
Planned __or Existing __ Surface	12/9 5/8	556		50	430/CALC
Planned__or Existing __ Interm/Prod					
Planned__or Existing __ Interm/Prod					
Planned__or Existing __ Prod/Liner	8 3/4/7	2057		100	1070/CALC
Planned__or Existing __ Liner					
Planned__or Existing __ OH / PERF	1834-2046		Inj Length 212	Hydrologic Information and AOR Well Summary on Coversheet	

Completion/Operation Details: Drilled TD 2057 PBTD _____ NEW TD _____ NEW PBTD _____

NEW Open Hole ○ or NEW Perfs ○ Tubing Size 2 3/8 in. Coated? Y Prop. Packer Depth 1784 ft Min. Depth 1834 (100-ft limit)

Proposed Max. Surface Press. 1400 psi **Admin. Inj. Press.** 367 (0.2 psi per ft) 176 **ANY AREA IPI APPROVAL:** _____

Specific Requirement(s) for Well: _____

C-108 Review Checklist: Area Order

Supplemental Checklist for Multiple Well Application

ORDER TYPE: WFX / PMX Number: _____ **SUPPLEMENTAL PAGE** 9 of 11

Relevant Hearing Order(s): _____

MULTIPLE WELL APPLICATION: 16 of 20 **Well No.** 6 **Well Name(s):** Skelly

API : 30-0 15-05326 Spud Date: 11-05-1949 New or Old: _____ (*UIC Class II Primacy 03/07/1982*)

Footages 330 FNL & 990 FWL Lot ___ or Unit D Sec 21 Tsp 17S Rge 31E County Eddy

WELL FILE REVIEWED ✓ Current Status: A

WELL DIAGRAMS: NEW: Proposed ◯ or RE-ENTER: Before Conv. ◯ After Conv. ◯ Logs in Imaging: NA

Planned Rehab Work to Well: _____

Well Construction Details	Sizes (in) Borehole / Pipe	Setting Depths (ft)	Stage Tool	Cement Sx or Cf	Cement Top and Determination Method
Planned __or Existing __**Surface**	11 / 8 5/8	601		150	Surface Circ
Planned__or Existing __**Interm/Prod**					
Planned__or Existing __**Interm/Prod**					
Planned__or Existing __**Prod/Liner**	9 / 7	2024		155	187 / CALC
Planned__or Existing __**Liner**					
Planned__or Existing __**OH / PERF**	1872 2029(P)	2024 — 2029 2112 (O) 2420 (O)	Inj Length 542-540	*Hydrologic Information and AOR Well Summary on Coversheet*	

Completion/Operation Details: Drilled TD 2112 PBTD _____ NEW TD _____ NEW PBTD _____

NEW Open Hole ✓ or NEW Perfs ✓ Tubing Size 2 3/8 in. Coated? X Prop. Packer Depth _____ ft Min. Depth _____ (100-ft limit)

Proposed Max. Surface Press. 1400 psi **Admin. Inj. Press.** 374 (0.2 psi per ft) (.75) **ANY AREA IPI APPROVAL:** _____

Specific Requirement(s) for Well: CBL 7 & 8 5/8

MULTIPLE WELL APPLICATION: 17 of 20 **Well No.** 7 **Well Name(s):** Skelly

API : 30-0 15-05327 Spud Date: 8-03-1950 New or Old: old (*UIC Class II Primacy 03/07/1982*)

Footages 1874 FNL & 766 FWL Lot ___ or Unit E Sec 21 Tsp 17S Rge 31E County Eddy

WELL FILE REVIEWED ◯ Current Status: A

WELL DIAGRAMS: NEW: Proposed ◯ or RE-ENTER: Before Conv. ◯ After Conv. ◯ Logs in Imaging: _____

Planned Rehab Work to Well: _____

Well Construction Details	Sizes (in) Borehole / Pipe	Setting Depths (ft)	Stage Tool	Cement Sx or Cf	Cement Top and Determination Method
Planned __or Existing __**Surface**	11 / 8 5/8	607		150	Surface Circ
Planned__or Existing __**Interm/Prod**					
Planned__or Existing __**Interm/Prod**					
Planned__or Existing __**Prod/Liner**	8 / 7	1980		150	197 / CALC
Planned__or Existing __**Liner**					
Planned__or Existing __**OH / PERF**	1870 — 1980(P)	1980 — 2135 (O)	Inj Length 265	*Hydrologic Information and AOR Well Summary on Coversheet*	

Completion/Operation Details: Drilled TD 2135 PBTD _____ NEW TD _____ NEW PBTD _____

NEW Open Hole ◯ or NEW Perfs ◯ Tubing Size 2 3/8 in. Coated? X Prop. Packer Depth 1820 ft Min. Depth 1770 (100-ft limit)

Proposed Max. Surface Press. 1400 psi **Admin. Inj. Press.** 394 (0.2 psi per ft) (.75) **ANY AREA IPI APPROVAL:** _____

Specific Requirement(s) for Well: CBL 7 & 8 5/8

C-108 Review Checklist: Area Order

Supplemental Checklist for Multiple Well Application

ORDER TYPE: WFX / PMX Number: _____ **SUPPLEMENTAL PAGE** 10 of 11

Relevant Hearing Order(s): _____

MULTIPLE WELL APPLICATION: 18 of 20 **Well No.** 39 **Well Name(s):** Turner B

API : 30-0 15-05309 Spud Date: NOV-3-1952 New or Old: O (*UIC Class II Primacy 03/07/1982*)

Footages 2310 FNL 1650 FEL Lot ___ or Unit G Sec 20 Tsp 17S Rge 31E County Eddy

WELL FILE REVIEWED ✓ Current Status: _____

WELL DIAGRAMS: NEW: Proposed ○ or RE-ENTER: Before Conv. ✓ After Conv. ✓ Logs in Imaging: NA

Planned Rehab Work to Well: Drill out plug

Well Construction Details	Sizes (in) Borehole / Pipe	Setting Depths (ft)	Stage Tool	Cement Sx or Cf	Cement Top and Determination Method
Planned __or Existing __ **Surface**	12/45/8	550		50	375/CALC
Planned__or Existing __ **Interm/Prod**					
Planned__or Existing __ **Interm/Prod**					
Planned__or Existing __ **Prod/Liner**	8 3/4/7	1455		100	1155/CALC
Planned__or Existing __ **Liner**	6/5 1/2	~~1455-2010~~ 1455-2006			1943
Planned__or Existing __ **OH / PERF**	1796-1955(P)	1955-2010(O)	Inj Length 214	*Hydrologic Information and AOR Well Summary on Coversheet*	

Completion/Operation Details: Drilled TD 2010 PBTD _____ NEW TD _____ NEW PBTD _____

NEW Open Hole ✓ or NEW Perfs ✓ Tubing Size 2 3/8 in. Coated? Y Prop. Packer Depth 1746 ft Min. Depth 1696 (100-ft limit)

Proposed Max. Surface Press. 1400 psi **Admin. Inj. Press.** 359 (0.2 ~~psi~~ per ft) **ANY AREA IPI APPROVAL:** _____

Specific Requirement(s) for Well: _____

MULTIPLE WELL APPLICATION: 19 of 20 **Well No.** 14 **Well Name(s):** Skelly

API : 30-0 15-06322 Spud Date: 11-24-1945 New or Old: Old (*UIC Class II Primacy 03/07/1982*)

Footages 1980 FSL 660 FWL Lot ___ or Unit L Sec 21 Tsp 17S Rge 31E County Eddy

WELL FILE REVIEWED ✓ Current Status: _____

WELL DIAGRAMS: NEW: Proposed ○ or RE-ENTER: Before Conv. ✓ After Conv. ✓ Logs in Imaging: _____

Planned Rehab Work to Well: _____

Well Construction Details	Sizes (in) Borehole / Pipe	Setting Depths (ft)	Stage Tool	Cement Sx or Cf	Cement Top and Determination Method
Planned __or Existing __ **Surface**	11 3/4/10 3/4	600		100	Surface/CALC
Planned__or Existing __ **Interm/Prod**					
Planned__or Existing __ **Interm/Prod**					
Planned__or Existing __ **Prod/Liner**	6 3/4/8 5/8	2090		150	465/CALC
Planned__or Existing __ **Liner**					
Planned__or Existing __ **OH / PERF**	1907-2090	2090-2139 (O)	Inj Length 232	*Hydrologic Information and AOR Well Summary on Coversheet*	

Completion/Operation Details: Drilled TD 2139 PBTD _____ NEW TD _____ NEW PBTD _____

NEW Open Hole ○ or NEW Perfs ○ Tubing Size 2 3/8 in. Coated? Y Prop. Packer Depth 1857 ft Min. Depth _____ (100-ft limit)

Proposed Max. Surface Press. 1400 psi **Admin. Inj. Press.** ~~1400~~ 361 (0.2 psi per ft) **ANY AREA IPI APPROVAL:** _____

Specific Requirement(s) for Well: CBL 8 5/8 @ 600 3/4 / *Needs updated

Diagram follows

C-108 Review Checklist: Area Order

Supplemental Checklist for Multiple Well Application

ORDER TYPE: WFX / PMX Number: — **SUPPLEMENTAL PAGE** 11 **of** 11

Relevant Hearing Order(s): —

MULTIPLE WELL APPLICATION: 20 of 20 **Well No.** 35 **Well Name(s):** Turner A

API : 30-0 15-20097 Spud Date: 12/2/1967 New or Old: Old (*UIC Class II Primacy 03/07/1982*)

Footages 1800 FNL / 660 FEL Lot — or Unit H Sec 19 Tsp 17S Rge 31E County Eddy

WELL FILE REVIEWED ✓ Current Status: Producer / P&A'd in 86 re-enter as injector under WFX-687 -687-A

WELL DIAGRAMS: NEW: Proposed ◯ or RE-ENTER: Before Conv. ✓ After Conv. ✓ Logs in Imaging: then P&Ad (2011)

Planned Rehab Work to Well: Drill out plugs - No squeeze due to existing two squeezes in shallow zone

Well Construction Details	Sizes (in) Borehole / Pipe	Setting Depths (ft)	Stage Tool	Cement Sx or Cf	Cement Top and Determination Method
Planned __or Existing __ **Surface**	12¼ / 8⅝	0 to 555	Stage Tool	350	Calc / surface
Planned __or Existing ✓ **Interm/Prod**	~~7⅞ / 5½~~ 7⅞ / 4½	0 to 3635	None	390	* Calc / two 2nd squeezes '91 & '97
Planned __or Existing __ **Interm/Prod**	—	—	—	—	1480
Planned __or Existing __ **Prod/Liner**	—	—	—	—	Sx 1st one
Planned __or Existing __ **Liner**	—	Add TRs perfs	—	—	
Planned ✓ or Existing __ **OH / PERF**	2930 to 3380	1706 - 3380	In| Length		***Hydrologic Information and AOR Well Summary on Coversheet***

Completion/Operation Details: Drilled TD 3635 PBTD 3618 NEW TD NA NEW PBTD NA

NEW Open Hole ◯ or NEW Perfs ✓ Tubing Size 2⅜ in. Coated? Yes Prop. Packer Depth 1656 ft Min. Depth 1606 (100-ft limit)

Proposed Max. Surface Press. 0.2 **psi** **Admin. Inj. Press.** 341 **(0.2 psi per ft)** **ANY AREA IPI APPROVAL:** Yes

Specific Requirement(s) for Well: _____

MULTIPLE WELL APPLICATION: ___ **of** ___ **Well No.** _____ **Well Name(s):** _____

API : 30-0 _____ Spud Date: _____ New or Old: _____ (*UIC Class II Primacy 03/07/1982*)

Footages _____ Lot ___ or Unit ___ Sec ___ Tsp ___ Rge ___ County ___

WELL FILE REVIEWED ◯ Current Status: _____

WELL DIAGRAMS: NEW: Proposed ◯ or RE-ENTER: Before Conv. ◯ After Conv. ◯ Logs in Imaging: _____

Planned Rehab Work to Well: _____

Well Construction Details	Sizes (in) Borehole / Pipe	Setting Depths (ft)	Stage Tool	Cement Sx or Cf	Cement Top and Determination Method
Planned __or Existing __ **Surface**			Stage Tool		
Planned __or Existing __ **Interm/Prod**					
Planned __or Existing __ **Interm/Prod**					
Planned __or Existing __ **Prod/Liner**					
Planned __or Existing __ **Liner**					
Planned __or Existing __ **OH / PERF**			In| Length		***Hydrologic Information and AOR Well Summary on Coversheet***

Completion/Operation Details: Drilled TD _____ PBTD _____ NEW TD _____ NEW PBTD _____

NEW Open Hole ◯ or NEW Perfs ◯ Tubing Size ___ in. Coated? ___ Prop. Packer Depth _____ ft Min. Depth _____ (100-ft limit)

Proposed Max. Surface Press. _____ **psi** **Admin. Inj. Press.** _____ **(0.2 psi per ft)** **ANY AREA IPI APPROVAL:** _____

Specific Requirement(s) for Well: _____

EXHIBIT 8: MASIP Gradient for Existing Seven Rivers Injectors

UWI (APINum)	MASIP 1	Date 1	ASSOC ORDER 1	MASIP 2	Date 2	ASSOC ORDER 2	Top Perf	Calc Grad	Calc Grad 2	Current Grad
30015052050000	154	8/6/1963	R-3384				1995	0.1	0.0	0.1
30015052530000	350	1/5/2004	R-4306 (WFX-795)	1060	1/5/2005	R-4306 (IPI-246)	1805	0.2	0.6	0.6
30015052550000	945	3/7/1997	R-4306 (WFX-705-0)	1733	10/23/1998	R-4306 (IPI-9-0)	1817	0.5	1.0	1.0
30015052560000	928	3/7/1997	R-4306 (WFX-405-0)	1733	10/23/1988	R-4306 (IPI-9-0)	1765	0.5	1.0	1.0
30015052610000	1375	12/9/1996	R-2268 (WFX-699)	1753	10/23/1988	R-2268 (IPI-9-0)	1806	0.8	1.0	1.0
30015052680000	440	4/4/1972	R-4306				1870	0.2	0.0	0.2
30015052840000	375	1/5/2004	R-3185 (WFX-796)	1130	1/5/2005	R-3185 (IPI 246)	1876	0.2	0.6	0.6
30015053240000	450	9/1/1973	R-4717				2130	0.2	0.0	0.2
30015053250000	450	1/25/1974	R-4717				2156	0.2	0.0	0.2
30015053500000	1824	3/10/1998	R-4717-A (IPI-348)				3478 1898	1.0	0.0	1.0
30015053510000	1923	3/10/1998	R-4717-A (IPI-348)				2231	0.9	0.0	0.9
30015053540000	2111	3/10/1998	R-4717-A (IPI-348)				2238	0.9	0.0	0.9
30015053550000	1585	1/8/1987	R-4717-A (IPI-349-0)	2013	3/10/1998	R-4717-A (IPI-348-0)	2349	0.7	0.9	0.9
30015053560000	1395	5/22/1987	R-4717-A (IPI-350-0) .6				2283	0.6	0.0	0.6
30015053580000	1876	3/10/1998	R-4717-A (IPI-348) .6	1876	3/10/1998	R-4717-A (IPI-348)	3020 2102	0.9	0.9	0.9
30015054180000	1590	3/10/1998	R-4717-A (IPI-348)				2410	0.7	0.0	0.7
30015054590000	980	3/7/1997	R-4306 (WFX-705-0)	1612	10/23/1998	R-4306 (IPI-9-0)	1852	0.5	0.9	0.9
30015105040000	1590	5/22/1987	R-4717-A (IPI-250-0)	1728	3/10/1998	R-4717-A (IPI-348)	2340	0.7	0.7	0.7
30015214600000	1828	3/21/1995	R-2268 (WFX-668-0)				1822	1.0	0.0	1.0
30015222550000	2013	3/10/1998	R-4717-A (IPI-348)				2374	0.8	0.0	0.8
30015222610000	2064	3/10/1998	R-4717-A (IPI-348)				2302	0.9	0.0	0.9
30015295370000	346	1/5/2004	R-4306 (W-795)	1109	1/5/2005	R-4306 (IPI-246)	1729	0.2	0.6	0.6
							AVERAGE	2059	0.6	0.4	0.7

Applicant requested 0.2 psi/ft be used for application per resolution of protest by COG.