

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OIL CONS COMMISSION
Lower 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

Meridian Oil Inc.

3. Address and Telephone No.

P.O. Box 51810, Midland, TX 79710-1810 915-688-6943

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec. 29, T26S, R30E
1650' FNL & 1980' FWL

5. Lease Designation and Serial No.

NM 19612

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Federal 'BF' # 1
Com.

9. API Well No.

30-015-24148

10. Field and Pool, or exploratory Area

Wildcat Wolfcamp

11. County or Parish, State

Eddy NM

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☒ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ 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.)*

Please see attached procedure for the recompletion. This recompletion will be from the Bone Spring to the Delaware.



14. I hereby certify that the foregoing is true and correct

Signed [Signature]

Title Regulatory Compliance

Date 10/2/95

(This space for Federal or State office use)

Approved by Orig Signed by Shannon J. Shaw

Title PETROLEUM ENGINEER

Date 11/9/95

Conditions of approval, if any:

Federal BF Com #1
Eddy County, New Mexico

Recommended Recompletion Continuation Procedure

Project Engineer: L. C. Painter

Office: 915/688-6823
Residence: 915/520-0214

1. Release seal assembly and POOH with 3 1/2" workstring and seal assembly, laying down seal assembly. RIH with packer retrieving tool on 3 1/2" workstring. Release packer and POOH with 3 1/2" workstring and packer, laying down ± 123 jts 3 1/2" tubing and packer. Send packer and seal assembly into Baker shop for redressing and place into inventory.
2. MIRU Wireline Unit. NU packoff head. RIH with CIBP for 9 5/8" casing and set at $\pm 10,140'$. Use Wedge CBL/CCL log dated 9/22/95 for correlation. POOH. RIH with dump bailer and dump 12 sx cement on top of CIBP. POOH. ND packoff head. RD wireline unit.
3. Close blind rams. Pressure up on casing to 3,000 psi on casing to test CIBP. Bleed off test pressure.
4. RIH with Guiberson 9 5/8" Uni-VI packer (MOI owned in Johnson Tool shop in Loco Hills) on 3 1/2" workstring and set packer at 6,100'. Swab fluid level in tubing down to $\pm 3,000'$.
5. RU wireline unit. NU 5,000# Lubricator. RIH with 2 1/8" decentralized expendable strip guns and perforate the intervals 6,206'-6,218' and 6,224'-6,234' (as marked on CCL log), underbalanced, with 4 JSPF, 120° spiral phasing (96 holes total). POOH. RD Wireline Co. ND lubricator. Shut well in overnight.

NOTE: Record fluid level in tubing while RIH with perf guns and again following overnight shutin to check for fluid entry.

6. Swab to check for oil and gas entry into wellbore. Report findings to Midland office.
7. MIRU Stimulation Company. RU Protechnics tagging equipment. NU stimulation valve. Test surface lines to 5000#. Place 2,000 psi on annulus and monitor throughout job. Pump 1000 gal. of 7 1/2% NEFe HCL Acid. Space out 150 7/8" (1.3 SP. GR.) RCNBS throughout job. Flush to bottom perf with 2% KCL water. Record ISIP, and 5, 10, and 15 minute SIP's.

Anticipated Treating Rate	=	5-6	BPM
Anticipated Treating Press	=	2,800	psi
Maximum Treating Press	=	4,250	psi

NOTE: Acid job will be tagged with zero-wash Scandium by Protechnics. Do not bleed pressure off well until after step #8.

8. RU wireline unit. NU 5,000# lubricator. RIH with GR tool and log from 6,350'-6,050'. POOH. ND lubricator. Check GR log for evidence of channeling during acid job and report findings to Midland office.

Federal BF Com #1

Recommended Recompletion Continuation Procedure

9. ND stimulation valve. Swab back acid load. Release packer and RIH past bottom perf to knock off RCNBS. PUH and reset packer at 6,100'. **Continue swabbing reporting volumes and cuts to Midland office for decision to frac. If decision is to frac, continue with step #10. If decision is not to frac, go to step #10b.**

NOTE: If decision is to frac and channeling was discovered during acid job, a squeeze procedure will be provided.

10b. Release packer and POOH with tubing and packer.

11b. RU wireline unit. NU packoff head. RIH with CIBP for 9 5/8" casing and set at $\pm 6,190'$ (on CCL log). POOH. Use Wedge CBL/CCL log dated 9/22/95. POOH. RIH with dump bailer and dump 12 sx cement on top of CIBP.

12b. Pressure up on casing to 3,000 psi on casing to test CIBP. Notify Midland office for further plans.

10. MIRU stimulation company. NU stimulation valve. Test surface lines to 5000#. Hold 2,000 psi on annulus during job. Fracture treat the Brushy Canyon Sand down tubing workstring with 10,000 gal. 30# XL Gel and 33,000 lbs 16/30 AcFrac CR-6000 RC sand as follows:

<u>Stage</u>	<u>GEL Volume, gal.</u>	<u>GEL Type</u>	<u>PROP. Conc., ppg</u>
Pad	4,000	Viking ID-30	0
2	1,000	Viking ID-30	2
4	1,500	Viking ID-30	4
6	1,500	Viking ID-30	6
8	2,000	Viking ID-30	8
Flush	2,500	2% KCL	0

Anticipated Treating Rate	=	20 BPM
Anticipated Treating Press	=	2,700 psi
Maximum Treating Press	=	8,000 psi

Record ISIP, 5, 10, & 15 min shut-ins. Leave well shut-in overnight. RDMO stimulation company.

11. Flow back to recover load. ND stimulation valve. Release packer and POOH with tubing and packer.
12. RIH with packer on 2 7/8" production tubing to $\pm 6,100'$ and set packer.
13. Swab to recover frac load. Continue swabbing to kick well off flowing. If well flows turn well over to Production. Report all swab and/or flowing volumes and cuts to Midland office. If well will not flow, POOH with tubing and packer and goto step #14.

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Recommended Recompletion Continuation Procedure

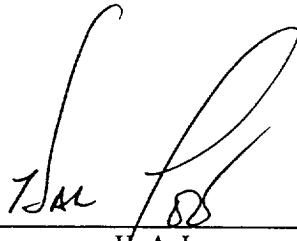
14. RIH with production tubing as follows setting SN at $\pm 6,100'$:

1	Open ended MA (31')
1	Perfed Sub (4')
1	SN (2.25" I.D.)
7	Jts. 2 7/8" 6.5# N-80 Tubing
1	TAC
± 187	Jts. 2 7/8" 6.5# N-80 Tubing

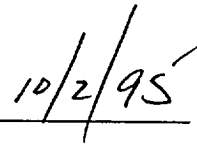
15. ND BOP. NU wellhead. RIH with rods and pump (rod and pump design will be provided. Space out pump. Hang well on.

16. RDMO pulling unit. Turn over to production. Put on test and report rates through computer system for 21 days.

Approved: _____


H. A. Lee

Date: _____



MERIDIAN OIL

FIELD: Wildcat

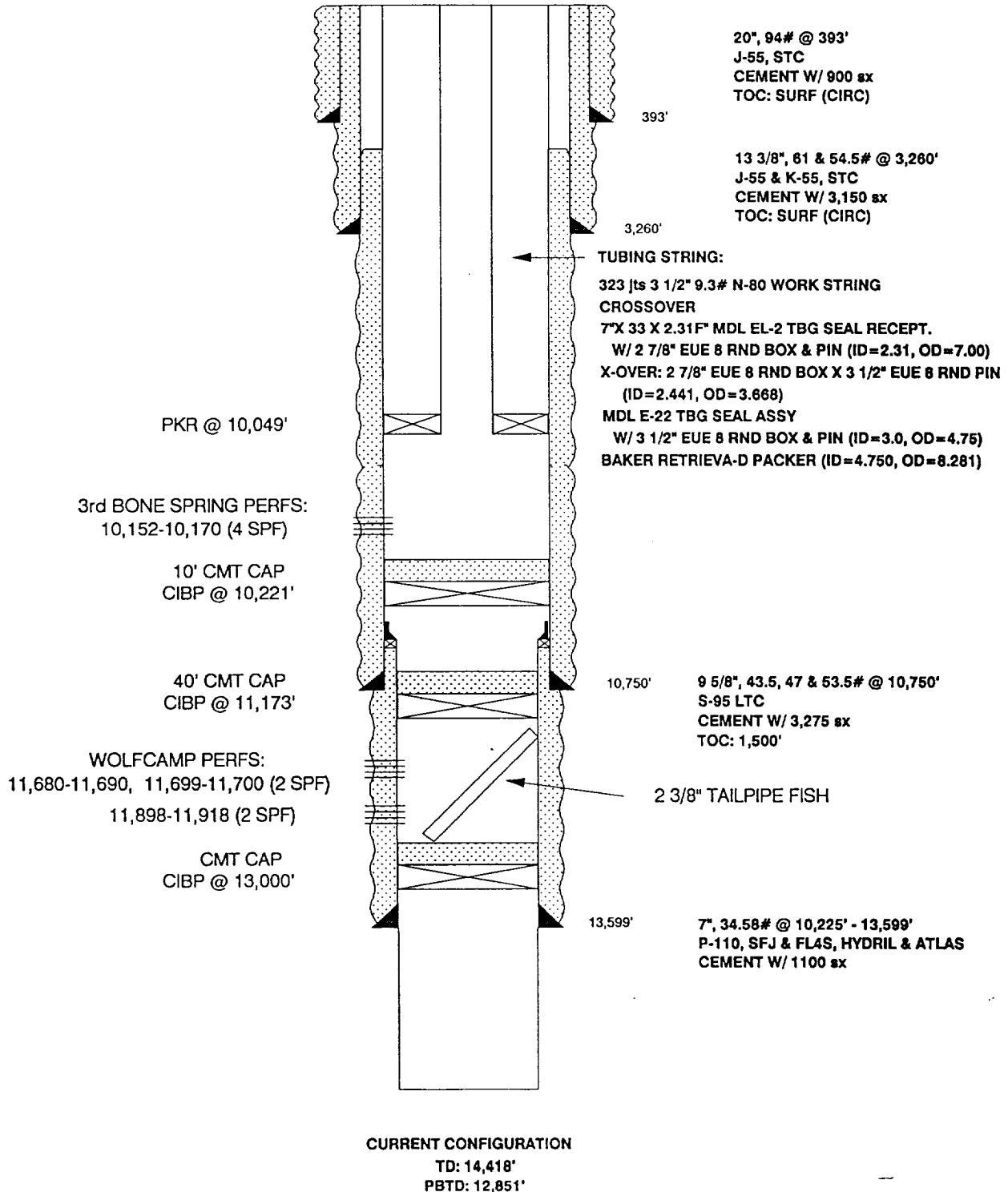
DATE SPUD: 05/28/82 COMP: 06/05/83

LEASE: FEDERAL BF COM

WELL NO. 1

ELEVATION: 2,960' G.L. / 2,985' K.B.

LOCATION: 1,650' FNL & 1,980' FWL; SEC. 29, T26S, R30E; EDDY COUNTY, NEW MEXICO



MERIDIAN OIL

FIELD: Willcat

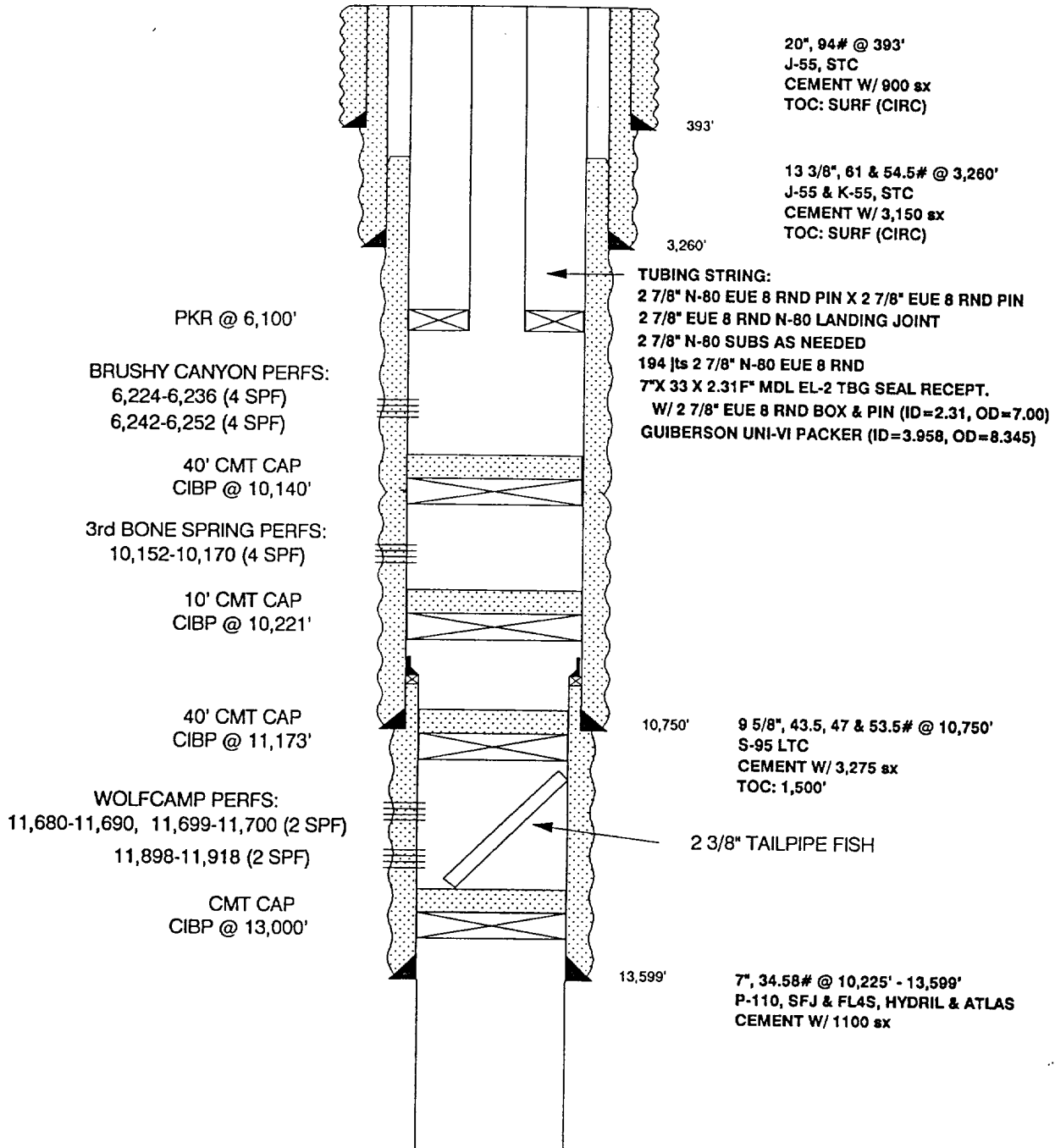
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PROPOSED CONFIGURATION

TD: 14,418'
PBTD: 12,851'