

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

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

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

WELL API NO.	30-015-01689
5. Indicate Type of Lease	STATE ☒ FEE ☐
6. State Oil & Gas Lease No.	647
7. Lease Name or Unit Agreement Name	Empire Abo Unit "F"
8. Well No.	30
9. Pool name or Wildcat	Empire Abo
10. Elevation (Show whether DF, RKB, RT, GR, etc.)	

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.)

1. Type of Well: OIL WELL ☒ GAS WELL ☐ OTHER ☐	2. Name of Operator ARCO OIL AND GAS COMPANY
3. Address of Operator P. O. Box 1610, Midland, Texas 79702	4. Well Location Unit Letter F : 1980 Feet From The North Line and 1980 Feet From The East Line Section 33 Township 17S Range 28E 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 ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐
PULL OR ALTER CASING ☐	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.	

Propose to:

1. Set CIBP above Abo perfs 6046-6080
2. Run CBL
3. Perf at TOC
4. Circ cmt to surf behind 4 1/2 csg
5. Temporarily Abandon

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

SIGNATURE Ken W. Gosnell TITLE Engr. Tech. DATE 11/19/90
TYPE OR PRINT NAME Ken W. Gosnell TELEPHONE NO. 915/688-5672

(This space for State Use)

APPROVED BY [Signature] TITLE DATE 12/5/90
CONDITIONS OF APPROVAL, IF ANY:

WORKOVER PROCEDURE

DATE: AUG 14, 1990

WELL & JOB: Isolate zones behind pipe in the Empire Abo Unit F-30 wellbore

DRILLED: 1960

LAST WORKOVER: Set collar stop @ 5737' 07/70

FIELD: Empire Abo

COUNTY: Eddy Co., NM

BY: T. W. Lewis

TD: 6155'

PBD: 6116'

DATUM: KB

TUBINGHEAD:

SIZE:

PRESS RATING:

CASING:	<u>SIZE</u>	<u>WEIGHT</u>	<u>GRADE</u>	<u>SET @</u>	<u>SX CMT</u>	<u>TOC</u>
SURFACE:	8 5/8	22.7#		1000'	450	Surface

INTER:						
PROD:	4 1/2	9.5#/11.6#	J55	6155'	800	2550' TS

LINER:	<u>SIZE</u>	<u>WEIGHT</u>	<u>GRADE</u>	<u>TOP</u>	<u>BTM</u>	<u>TO</u>
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PERFORATIONS: ABO <6046-56'> & <6064-80'> (2 SPF)

TUBING:	SIZE: 2.375	WEIGHT: 4.6 assumed	GRADE: J-55 assumed	THREAD: 8 rd assumed
BTM'D @ 6012'		JOINTS:	MISC:	

PACKER AND MISC: Guiberson KVL-30 Pkr @ 5980'

HISTORY AND BACKGROUND: Drilled and completed May 1960 by Sinclair Oil & Gas Co. Perforated Abo and set packer as above. Stimulated. Only record of work - collar stop set @ 5737' on WL 7/77. Production reports 140 psi on surface csg due to gas.

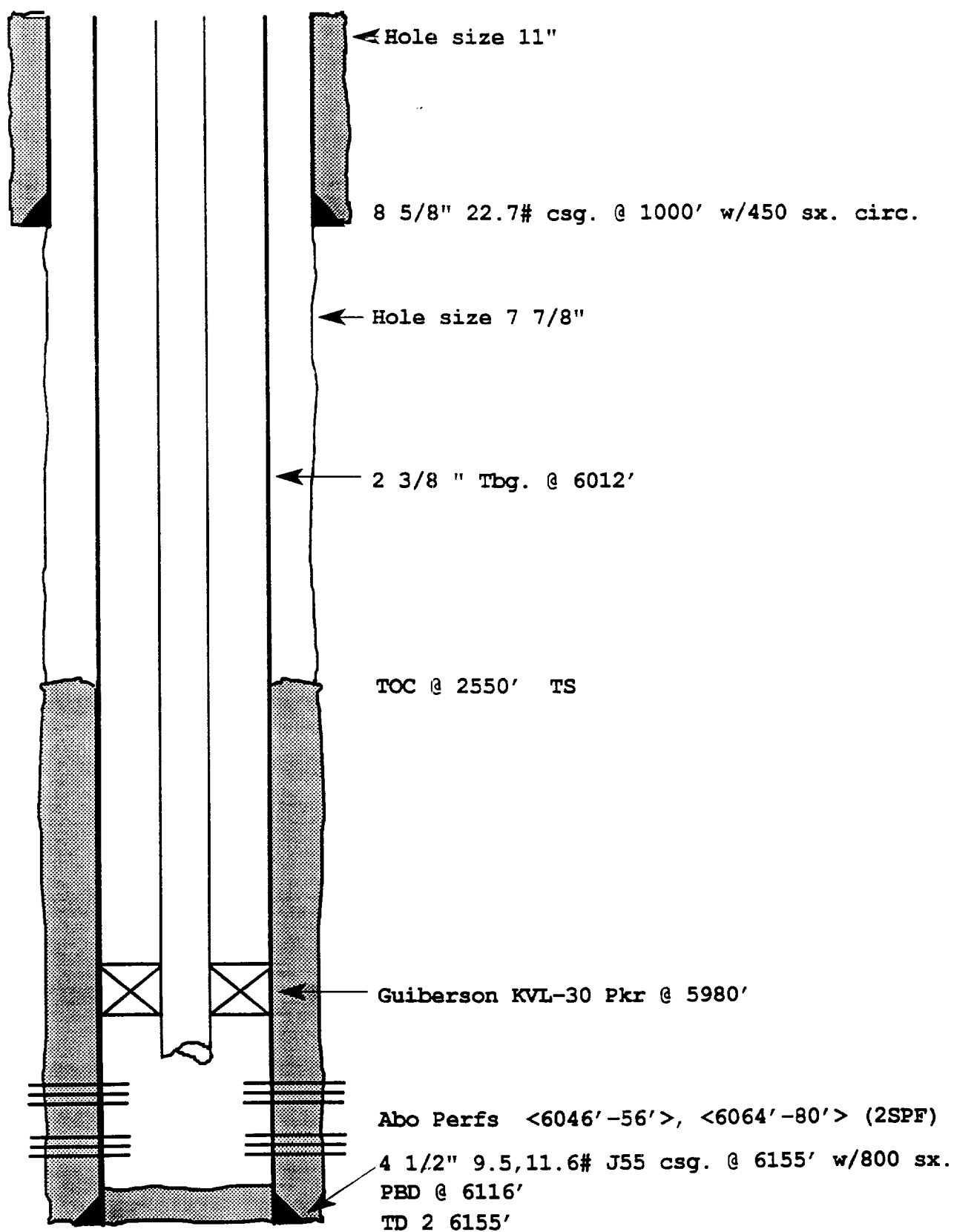
SCOPE OF WORK: Isolate zones behind pipe in the EAU F-3 wellbore.

PROCEDURE

1. MIRU PU. Check well for pressure. Bleed off same. ND WH. NU BOP.
2. Rlse KVL-30 pkr (straight pickup). POOH LD 2 3/8" tbg & pkr.
3. RU WL. Set CIBP @ 6000'. Run GR/CBL/CCL f/6000' to TOC
4. Perf 4 1/2" csg @ TOC w/ 4 shots.
5. GIH w/pkr on 2 3/8" WS & set above perfs @ TOC. Establish inj. rate & press. into perfs circulating up 4 1/2"X 8 5/8" annulus. if possible. Rlse pkr. & POOH.
6. GIH w/ CR on 2 3/8" WS. Set CR above TOC. Sqz. 4 1/2"X 8 5/8" annulus w/ 725 sx cl "C" f/ TOC to surf. Pull out of CR & POOH. WOC.
7. GIH w/ 3 7/8" bit & DC's on 2 3/8" WS. DO CR & cmt. Circ. hole clean. Test 4 1/2" csg to 500#. POOH LD WS, DC's, & bit
8. ND BOP. NU WH. Shut In.

EMPIRE ABO UNIT F-30

CURRENT WELLBORE



EMPIRE ABO UNIT F-30

PROPOSED WELLBORE

