

Form 3160-5
June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

Name of Operator

Marbob Energy Corporation

Address and Telephone No.

P.O. Drawer 217 - Artesia, New Mexico 88210 (505)748-3303

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

1980 FNL 660 FEL, Sec 18 T-17-S R-30-E Unit H

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

LC-028793 (C)

6. If Indian, Allottee or Tribe Name

SDS

7. If Unit or CA, Agreement Designation

NMNM 8852SX

8. Well Name and No.

Burch Keely Unit #10

9. API Well No.

30-015-20623

10. Field and Pool, or Exploratory Area

Grbg Jackson SR Q Grbg SA

11. County or Parish, State

Eddy Co., New Mexico

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 from Lease to Unit
☐ 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.)

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) Set 4 1/2 CIBP at 2347' cap W/35 sacks of cement 1/21/92
- 2) Load Hole W/mud
- 3) Perforate 4 1/2 casing at base of salt, squeeze W/50 sack of cement W.O.C. (tag) perf at 875'
- 4) Perforate 4 1/2 casing at top of salt on 8 5/8 shoe squeeze W/50 sacks of cement W.O.C. (tag)
- 5) Perforate 4 1/2 casing at 100' circulate cement to surface

RECEIVED

NOV 1 3 33 PM '94

NOV 07 1994
O. C. D.
ARTESIA OFFICE

I hereby certify that the foregoing is true and correct

Signed Raymond Maldonado

Title Supervisor

Date 10-25-94

(This space for Federal or State office use)

Approved by Sharon J. Shaw

Title PETROLEUM ENGINEER

Date 11/1/94

Conditions of approval, if any:

Be Fore

WELL SERVICE APPROVAL - NON AFE
PHILLIPS PETROLEUM COMPANY--PERMIAN BASIN REGION

RCD # 3638'
 CWF # N/A
 GL # 3648'

Category Code NONE Date NOVEMBER 18, 1991
 Area NORTH Subarea LOCO HILLS
 Lease & Well No. BURCH "C" FEDERAL WELL NO. 23 Burch Kelly Unit #10
 Legal Description 1980' FNL & 660' FEL Sec. 18, T17S, R30E
EDDY COUNTY State: NEW MEXICO
 Field GRAYBURG JACKSON SR-0-6b-SA
 Status: Shut-In BOPD BWPD MCFD
 Tbg: None of " OD, #/ft, Gr.
 of " OD, #/ft, Gr.
 Packer: Packer Type:
 Date Drilled/Completed: 4-15-72/5-25-72
 Hole/Casing Condition:

12 1/4" Hole
 8 5/8" 20# @ 500'
 Cmt w/ 100 sx

Stimulation History: 4-1972
Loco Hills (2490-2499) Frac w/ 30000 gals + 30000#
Metex (2590-2596) Frac W/ 30000 gals + 30000#
Grbg Dol. (2670-2674) Acidized w/ 2500 gals 15% HCL
Jackson (3046-3229) Acidized W/ 3500 gals 15% HCL
Lower SA (3304-3312) Frac w/ 30000 gals + 30000#
Sub-Neely (3574-3829) Frac w/ 30000 gals + 30000#

WELLHEAD DESCRIPTION: N/A

PROPOSAL: SET CIBP ABOVE PRODUCING INTERVAL AND TA WELLBORE

JUSTIFICATION: Project and economics justified by:

History:
 5-1972 Initial completion. IPP 148 BO
 1-19-88 Lay down rods and tubing and SI well pending
 evaluation for recompletion/P&A. Last welltest
 on 6-30-82 was 1 BOPD, 8 BWPD, 9 MCFD.

- a. Requirement of BLM
- b. Operational Concerns
- c. Recent reactivations in the area justify TA as
oppose to P&A.

TOC caculated @ 1700' @ 75% fillup

C.I.B.P. at 2347' CAP w/ 3 sus cement 1-21-92

Perfs.

Loco Hills 2490-2499 (18 Holes)
 Metex 2590-2596 (16 Holes)
 Grbg Dolo 2670-2674 (12 Holes)
 Jackson 3046-3229 (14 Holes)
 L. SA 3304-3312 (16 Holes)
 Sub-Keely 3574-3582 (16 Holes)

Checked by:

Reser. Engr. P.A. Boring PB
 Prod. Engr. K.D. Jamerson
 Approved DEC 12-12-91

Perfs. (2490-3582)

7 7/8" Hole
 4 1/2" 9.5# csg set @ 3615'
 Cemented w/ 550 sx
 Total Depth-3615'
 PBTD @ 3609'

PROJECT ECONOMICS @ \$
 BOPD MCFD
 AARR %
 PAYOUT YRS.
 NTER TIMES
 NPV @ 13%
 NPVR @ 13%
 ECONOMIC LIFE YRS.
 EST. COMPL. DATE
 PPCO: V.I. 100.0 %
 R.I. 87.5 %

Copies: R. McCoy
 (F) Central Files
 D.R. Vier
 (r) J.E. Pickett
 S.D. McCoy
 (r) K.E. Snow
 S.H. Oden (3)
 R.L. Becker
 K.D. Jamerson
 L.S. Malone
 L.M. Sanders
 M.L. Moore

	CHARGE TO	GROSS COST	NET COST
EXPENSE	WO <u>60-5602</u>	\$ <u>5578</u>	\$ <u>5578</u>
INVESTMENT	WO <u> </u>	\$ <u> </u>	\$ <u> </u>
TOTAL		\$ <u>5578</u>	\$ <u>5578</u>

AFTER

WELL SERVICE APPROVAL - NOW AFE PHILLIPS PETROLEUM COMPANY--PERMIAN BASIN REGION

RKB @ 3638'
CHF @ N/A
GL @ 3648'

Category Code NONE Date NOVEMBER 18, 1991
Area NORTH Subarea LOCO HILLS
Lease & Well No. BURCH "C" FEDERAL WELL NO. 23- Burch Kelly Unit 410
Legal Description 1980' FM. & 660' FEL Sec. 18, T17S, R30E
EDDY COUNTY State: NEW MEXICO
Field GRAYBURG JACKSON SR-0-6b-SA
Status: Shut-in BOPD BMD MCFD
Tbg: None of " 00, #/ft, Gr.
of " 00, #/ft, Gr.
Packer: Packer Type:
Date Drilled/Completed: 4-15-72/5-25-72
Hole/Casing Condition:

Perf. of 100' Circumferential
To Surface

12 1/4" Hole
8 5/8" 20# @ 500'
Cmt w/ 100 sx Top of Salt 447'
Perf. at 550' w/ 50 sx cement

Stimulation History: 4-1972
Loco Hills (2490-2499) Frac w/ 30000 gals + 30000#
Metex (2590-2596) Frac w/ 30000 gals + 30000#
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Jackson (3046-3229) Acidized w/ 3500 gals 15% HCl
Lower SA (3304-3312) Frac w/ 30000 gals + 30000#
Sub-Neely (3574-3829) Frac w/ 30000 gals + 30000#

WELLHEAD DESCRIPTION: N/A

PROPOSAL: SET CIBP ABOVE PRODUCING INTERVAL AND TA WELLBORE

Perf. of base salt 875'
w/ 50 sx

History:
5-1972 Initial completion. IPP 148 BO
1-19-88 Lay down rods and tubing and SI well pending
evaluation for recompletion/P&A. Last welltest
on 6-30-82 was 1 BOPD, 8 BWPD, 9 MCFD.

JUSTIFICATION: Project and economics justified by:
a. Requirement of BLM
b. Operational Concerns
c. Recent reactivations in the area justify TA as
oppose to P&A.

TOC calculated @ 1700' @ 75% fillup

CIBP at 2347' CAP w/ 300 sx cement 1-21-92

Perfs.

Loco Hills 2490-2499 (18 Holes)
Metex 2590-2596 (16 Holes)
Grbg Dolo 2670-2674 (12 Holes)
Jackson 3046-3229 (14 Holes)
L. SA 3304-3312 (16 Holes)
Sub-Keely 3574-3582 (16 Holes)

Checked by:

Reser. Engr. P.A. Boring PB
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NPV @ 13%
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ECONOMIC LIFE YRS.
EST. COMPL. DATE
PPCO: W.I. 100.0 %
R.I. 87.5 %

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R.L. Becker
K.D. Jamerson
L.S. Malone
L.M. Sanders
M.L. Moore

CHARGE TO	GROSS COST	NET COST
EXPENSE WO 60-5602	\$ 5578	\$ 5578
INVESTMENT WO	\$	\$
TOTAL	\$ 5578	\$ 5578